Illinois Power Generating Company
1500 Eastport Plaza Drive
Collinsville, IL 62234

August 16, 2025

Illinois Environmental Protection Agency
Bureau of Land – MC#33
Attn: Part 845 Coal Combustion Residual Rule Submittal
2520 West Iles Avenue
P.O. Box 19276
Springfield, IL 62794

Re: Coffeen Power Plant GMF Recycle Pond; IEPA ID # W1350150004-04

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Illinois Power Generating Company is submitting groundwater monitoring data for the Quarter 2, 2025 sampling event at the Coffeen Power Plant Gypsum Management Facility (GMF) Recycle Pond (RP), identified by Illinois Environmental Protection Agency (IEPA) ID No. W1350150004-04. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances[1] of the GWPS.

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

A Corrective Measures Assessment (CMA) for the GMF RP was initiated on January 14, 2024, completed, and submitted to IEPA on June 12, 2024 in accordance with 35 I.A.C. § 845.660. The CMA was the first step towards developing a Corrective Action Plan, which ultimately selects a remedy to address all releases from the GMF RP. The selected remedy meets the performance standards of 35 I.A.C. § 845.670(d). A public meeting was held on May 1, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d), and a corrective action plan was submitted to IEPA on June 10, 2025. Once implemented and completed, the selected remedy will attain the GWPSs.

Subsequent to the CMA submission, a new GWPS exceedance was determined and an Alternative Source Demonstration (ASD) was developed that demonstrated the GMF RP is not the source of the new GWPS exceedance. IEPA provided a written response of nonconcurrence with the ASD on June 5, 2024. Accordingly, the selected Corrective Action Plan remedy will achieve compliance with the GWPSs for all parameters originating from the CCR unit.

Sincerely,

Dianna Tickner

Dianna Tickner, PE, PMP
Senior Director, Demolition and Decommission

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 2, 2025, GMF Recycle Pond, Coffeen Power Plant, Coffeen, Illinois

[1] Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or GWPSs as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Illinois Power Generating Company's operating permit application for Coffeen Power Plant GMF RP. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Illinois Power Generating Company has not identified any actual exceedances.

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

August 16, 2025

Samples were collected and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on June 17, 2025.

The monitoring well locations are included in **Figure 1**. **Attachment A** summarizes the groundwater elevation data for the Quarter 2, 2025 sampling event. Groundwater elevation data was not collected from monitoring location SG-04 because it was destroyed following a rain event in October 2023. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 2, 2025 sampling event.

In accordance with 35 I.A.C. § 845.610(b)(3)(C) and the statistical analysis plan submitted with the operating permit application (Appendix A of the Groundwater Monitoring Plan)[2], constituent concentrations observed at compliance monitoring wells in Quarter 2, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

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

As allowed in 35 I.A.C. § 845.650(e), an Alternative Source Demonstration[3] (ASD) was submitted on May 9, 2024 for the exceedance of the arsenic GWPS detected at monitoring well G275D during the Quarter 4, 2023 sampling event. The Illinois Environmental Protection Agency (IEPA) provided a written response dated June 5, 2024[4] that did not concur with the ASD. The non-concurrence was not appealed.

TABLES

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

[1] Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Illinois Power Generating Company's operating permit application for Coffeen Power Plant GMF Recycle Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Illinois Power Generating Company has not identified any actual exceedances.

[2] Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Groundwater Monitoring Plan. GMF Recycle Pond. Coffeen Power Plant. Coffeen, Illinois. October 25, 2021.*

[3] Geosyntec Consultants (Geosyntec), 2024. *Alternative Source Demonstration, Coffeen Power Plant GMF Recycle Pond (Unit ID #104), IEPA ID: W1350150004-04, 35 I.A.C. § 845.650.* May 7, 2024.

[4] Illinois Environmental Protection Agency (IEPA), 2023. *Letter from Darin E. LeCrone, P.E. (IEPA) to Dianna Tickner (Electric Energy, Inc.): Re: Coffeen Power Plant GMF Recycle Pond; W1350150004-04, Alternative Source Demonstration (ASD) Submittal.* June 5, 2024.

FIGURES

Figure 1 Monitoring Well Location Map

ATTACHMENTS

Attachment A Groundwater Elevation Data - Quarter 2, 2025
Attachment B Laboratory Reports and Field Data Sheets - Quarter 2, 2025
Attachment C Comparison to Background - Quarter 2, 2025

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G270	Background	E009	05/07/2025	Antimony, total	0.0005 J	mg/L
G270	Background	E009	05/07/2025	Arsenic, total	0.0004 U	mg/L
G270	Background	E009	05/07/2025	Barium, total	0.0421	mg/L
G270	Background	E009	05/07/2025	Beryllium, total	0.0002 U	mg/L
G270	Background	E009	05/07/2025	Boron, total	0.0092 U	mg/L
G270	Background	E009	05/07/2025	Cadmium, total	0.0002 U	mg/L
G270	Background	E009	05/07/2025	Calcium, total	63.6	mg/L
G270	Background	E009	05/07/2025	Chloride, total	13.7	mg/L
G270	Background	E009	05/07/2025	Chromium, total	0.0007 U	mg/L
G270	Background	E009	05/07/2025	Cobalt, total	0.0001 U	mg/L
G270	Background	E009	05/07/2025	Dissolved Oxygen	2.81	mg/L
G270	Background	E009	05/07/2025	Fluoride, total	0.34 J	mg/L
G270	Background	E009	05/07/2025	Lead, total	0.0006 U	mg/L
G270	Background	E009	05/07/2025	Lithium, total	0.00370	mg/L
G270	Background	E009	05/07/2025	Mercury, total	0.00006 U	mg/L
G270	Background	E009	05/07/2025	Molybdenum, total	0.0007 J	mg/L
G270	Background	E009	05/07/2025	Oxidation Reduction Potential	63.0	mV
G270	Background	E009	05/07/2025	pH (field)	6.9	SU
G270	Background	E009	05/07/2025	Radium 226 + Radium 228, total	0.382	pCi/L
G270	Background	E009	05/07/2025	Selenium, total	0.0006 U	mg/L
G270	Background	E009	05/07/2025	Specific Conductance @ 25C (field)	780	micromhos/cm
G270	Background	E009	05/07/2025	Sulfate, total	53.9	mg/L
G270	Background	E009	05/07/2025	Temperature	12.8	degrees C
G270	Background	E009	05/07/2025	Thallium, total	0.001 U	mg/L
G270	Background	E009	05/07/2025	Total Dissolved Solids	464	mg/L
G270	Background	E009	05/07/2025	Turbidity, field	3.10	NTU
G280	Background	E009	05/05/2025	Antimony, total	0.0004 U	mg/L
G280	Background	E009	05/05/2025	Arsenic, total	0.0004 U	mg/L
G280	Background	E009	05/05/2025	Barium, total	0.0471	mg/L
G280	Background	E009	05/05/2025	Beryllium, total	0.0002 U	mg/L
G280	Background	E009	05/05/2025	Boron, total	0.02 UJ	mg/L
G280	Background	E009	05/05/2025	Cadmium, total	0.0002 U	mg/L
G280	Background	E009	05/05/2025	Calcium, total	74.9	mg/L
G280	Background	E009	05/05/2025	Chloride, total	61.5	mg/L
G280	Background	E009	05/05/2025	Chromium, total	0.00160	mg/L
G280	Background	E009	05/05/2025	Cobalt, total	0.0003 J	mg/L
G280	Background	E009	05/05/2025	Dissolved Oxygen	0.640	mg/L
G280	Background	E009	05/05/2025	Fluoride, total	0.28 J	mg/L
G280	Background	E009	05/05/2025	Lead, total	0.0006 U	mg/L
G280	Background	E009	05/05/2025	Lithium, total	0.00350	mg/L
G280	Background	E009	05/05/2025	Mercury, total	0.00006 U	mg/L
G280	Background	E009	05/05/2025	Molybdenum, total	0.0008 J	mg/L
G280	Background	E009	05/05/2025	Oxidation Reduction Potential	185	mV
G280	Background	E009	05/05/2025	pH (field)	7.2	SU
G280	Background	E009	05/05/2025	Radium 226 + Radium 228, total	1.18	pCi/L
G280	Background	E009	05/05/2025	Selenium, total	0.0006 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G280	Background	E009	05/05/2025	Specific Conductance @ 25C (field)	640	micromhos/cm
G280	Background	E009	05/05/2025	Sulfate, total	84.2	mg/L
G280	Background	E009	05/05/2025	Temperature	12.7	degrees C
G280	Background	E009	05/05/2025	Thallium, total	0.001 U	mg/L
G280	Background	E009	05/05/2025	Total Dissolved Solids	276	mg/L
G280	Background	E009	05/05/2025	Turbidity, field	22.0	NTU
G271	Compliance	E009	05/07/2025	Antimony, total	0.00140	mg/L
G271	Compliance	E009	05/07/2025	Arsenic, total	0.0004 U	mg/L
G271	Compliance	E009	05/07/2025	Barium, total	0.0191	mg/L
G271	Compliance	E009	05/07/2025	Beryllium, total	0.0002 U	mg/L
G271	Compliance	E009	05/07/2025	Boron, total	0.475	mg/L
G271	Compliance	E009	05/07/2025	Cadmium, total	0.0002 U	mg/L
G271	Compliance	E009	05/07/2025	Calcium, total	83.1	mg/L
G271	Compliance	E009	05/07/2025	Chloride, total	47.3	mg/L
G271	Compliance	E009	05/07/2025	Chromium, total	0.0009 J	mg/L
G271	Compliance	E009	05/07/2025	Cobalt, total	0.0001 U	mg/L
G271	Compliance	E009	05/07/2025	Dissolved Oxygen	2.80	mg/L
G271	Compliance	E009	05/07/2025	Fluoride, total	0.46 J	mg/L
G271	Compliance	E009	05/07/2025	Lead, total	0.0006 U	mg/L
G271	Compliance	E009	05/07/2025	Lithium, total	0.0026 J	mg/L
G271	Compliance	E009	05/07/2025	Mercury, total	0.00006 U	mg/L
G271	Compliance	E009	05/07/2025	Molybdenum, total	0.0006 U	mg/L
G271	Compliance	E009	05/07/2025	Oxidation Reduction Potential	54.0	mV
G271	Compliance	E009	05/07/2025	pH (field)	6.8	SU
G271	Compliance	E009	05/07/2025	Radium 226 + Radium 228, total	0.139	pCi/L
G271	Compliance	E009	05/07/2025	Selenium, total	0.0009 J	mg/L
G271	Compliance	E009	05/07/2025	Specific Conductance @ 25C (field)	1,140	micromhos/cm
G271	Compliance	E009	05/07/2025	Sulfate, total	188	mg/L
G271	Compliance	E009	05/07/2025	Temperature	13.8	degrees C
G271	Compliance	E009	05/07/2025	Thallium, total	0.001 U	mg/L
G271	Compliance	E009	05/07/2025	Total Dissolved Solids	630	mg/L
G271	Compliance	E009	05/07/2025	Turbidity, field	2.70	NTU
G273	Compliance	E009	05/05/2025	Antimony, total	0.00100 J	mg/L
G273	Compliance	E009	05/05/2025	Arsenic, total	0.0006 J	mg/L
G273	Compliance	E009	05/05/2025	Barium, total	0.0329	mg/L
G273	Compliance	E009	05/05/2025	Beryllium, total	0.0002 U	mg/L
G273	Compliance	E009	05/05/2025	Boron, total	0.130 J+	mg/L
G273	Compliance	E009	05/05/2025	Cadmium, total	0.0002 U	mg/L
G273	Compliance	E009	05/05/2025	Calcium, total	163	mg/L
G273	Compliance	E009	05/05/2025	Chloride, total	59.8	mg/L
G273	Compliance	E009	05/05/2025	Chromium, total	0.0012 J	mg/L
G273	Compliance	E009	05/05/2025	Cobalt, total	0.0004 J	mg/L
G273	Compliance	E009	05/05/2025	Dissolved Oxygen	0.640	mg/L
G273	Compliance	E009	05/05/2025	Fluoride, total	0.31 J	mg/L
G273	Compliance	E009	05/05/2025	Lead, total	0.0006 U	mg/L
G273	Compliance	E009	05/05/2025	Lithium, total	0.00530	mg/L

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845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G273	Compliance	E009	05/05/2025	Mercury, total	0.00006 U	mg/L
G273	Compliance	E009	05/05/2025	Molybdenum, total	0.0006 J	mg/L
G273	Compliance	E009	05/05/2025	Oxidation Reduction Potential	179	mV
G273	Compliance	E009	05/05/2025	pH (field)	6.9	SU
G273	Compliance	E009	05/05/2025	Radium 226 + Radium 228, total	0.565	pCi/L
G273	Compliance	E009	05/05/2025	Selenium, total	0.0006 U	mg/L
G273	Compliance	E009	05/05/2025	Specific Conductance @ 25C (field)	1,530	micromhos/cm
G273	Compliance	E009	05/05/2025	Sulfate, total	571	mg/L
G273	Compliance	E009	05/05/2025	Temperature	13.5	degrees C
G273	Compliance	E009	05/05/2025	Thallium, total	0.001 U	mg/L
G273	Compliance	E009	05/05/2025	Total Dissolved Solids	988	mg/L
G273	Compliance	E009	05/05/2025	Turbidity, field	4.20	NTU
G275	Compliance	E009	04/29/2025	Antimony, total	0.0004 U	mg/L
G275	Compliance	E009	04/29/2025	Arsenic, total	0.0004 U	mg/L
G275	Compliance	E009	04/29/2025	Barium, total	0.0383	mg/L
G275	Compliance	E009	04/29/2025	Beryllium, total	0.0002 U	mg/L
G275	Compliance	E009	04/29/2025	Boron, total	1.37	mg/L
G275	Compliance	E009	04/29/2025	Cadmium, total	0.0002 U	mg/L
G275	Compliance	E009	04/29/2025	Calcium, total	110	mg/L
G275	Compliance	E009	04/29/2025	Chloride, total	8.88	mg/L
G275	Compliance	E009	04/29/2025	Chromium, total	0.0009 J	mg/L
G275	Compliance	E009	04/29/2025	Cobalt, total	0.0001 U	mg/L
G275	Compliance	E009	04/29/2025	Dissolved Oxygen	2.92	mg/L
G275	Compliance	E009	04/29/2025	Fluoride, total	0.22 J	mg/L
G275	Compliance	E009	04/29/2025	Lead, total	0.0006 U	mg/L
G275	Compliance	E009	04/29/2025	Lithium, total	0.00460	mg/L
G275	Compliance	E009	04/29/2025	Mercury, total	0.00006 U	mg/L
G275	Compliance	E009	04/29/2025	Molybdenum, total	0.0006 U	mg/L
G275	Compliance	E009	04/29/2025	Oxidation Reduction Potential	126	mV
G275	Compliance	E009	04/29/2025	pH (field)	6.9	SU
G275	Compliance	E009	04/29/2025	Radium 226 + Radium 228, total	0.0159	pCi/L
G275	Compliance	E009	04/29/2025	Selenium, total	0.0006 U	mg/L
G275	Compliance	E009	04/29/2025	Specific Conductance @ 25C (field)	544	micromhos/cm
G275	Compliance	E009	04/29/2025	Sulfate, total	233 J-	mg/L
G275	Compliance	E009	04/29/2025	Temperature	13.9	degrees C
G275	Compliance	E009	04/29/2025	Thallium, total	0.001 U	mg/L
G275	Compliance	E009	04/29/2025	Total Dissolved Solids	448	mg/L
G275	Compliance	E009	04/29/2025	Turbidity, field	1.70	NTU
G275D	Compliance	E009	04/29/2025	Antimony, total	0.0006 J	mg/L
G275D	Compliance	E009	04/29/2025	Arsenic, total	0.0129	mg/L
G275D	Compliance	E009	04/29/2025	Barium, total	0.442	mg/L
G275D	Compliance	E009	04/29/2025	Beryllium, total	0.0002 U	mg/L
G275D	Compliance	E009	04/29/2025	Boron, total	0.145 J+	mg/L
G275D	Compliance	E009	04/29/2025	Cadmium, total	0.0002 U	mg/L
G275D	Compliance	E009	04/29/2025	Calcium, total	156	mg/L
G275D	Compliance	E009	04/29/2025	Chloride, total	14.3	mg/L

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COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G275D	Compliance	E009	04/29/2025	Chromium, total	0.0013 J	mg/L
G275D	Compliance	E009	04/29/2025	Cobalt, total	0.0004 J	mg/L
G275D	Compliance	E009	04/29/2025	Dissolved Oxygen	1.02	mg/L
G275D	Compliance	E009	04/29/2025	Fluoride, total	0.4 J	mg/L
G275D	Compliance	E009	04/29/2025	Lead, total	0.0006 U	mg/L
G275D	Compliance	E009	04/29/2025	Lithium, total	0.0026 J	mg/L
G275D	Compliance	E009	04/29/2025	Mercury, total	0.00006 U	mg/L
G275D	Compliance	E009	04/29/2025	Molybdenum, total	0.0006 U	mg/L
G275D	Compliance	E009	04/29/2025	Oxidation Reduction Potential	124	mV
G275D	Compliance	E009	04/29/2025	pH (field)	7.0	SU
G275D	Compliance	E009	04/29/2025	Radium 226 + Radium 228, total	0.7	pCi/L
G275D	Compliance	E009	04/29/2025	Selenium, total	0.0006 U	mg/L
G275D	Compliance	E009	04/29/2025	Specific Conductance @ 25C (field)	736	micromhos/cm
G275D	Compliance	E009	04/29/2025	Sulfate, total	87.4 J-	mg/L
G275D	Compliance	E009	04/29/2025	Temperature	17.2	degrees C
G275D	Compliance	E009	04/29/2025	Thallium, total	0.001 U	mg/L
G275D	Compliance	E009	04/29/2025	Total Dissolved Solids	962	mg/L
G275D	Compliance	E009	04/29/2025	Turbidity, field	8.30	NTU
G276	Compliance	E009	04/29/2025	Antimony, total	0.0004 U	mg/L
G276	Compliance	E009	04/29/2025	Arsenic, total	0.0004 U	mg/L
G276	Compliance	E009	04/29/2025	Barium, total	0.0442	mg/L
G276	Compliance	E009	04/29/2025	Beryllium, total	0.0002 U	mg/L
G276	Compliance	E009	04/29/2025	Boron, total	0.0205 J+	mg/L
G276	Compliance	E009	04/29/2025	Cadmium, total	0.0002 U	mg/L
G276	Compliance	E009	04/29/2025	Calcium, total	147	mg/L
G276	Compliance	E009	04/29/2025	Chloride, total	29.6	mg/L
G276	Compliance	E009	04/29/2025	Chromium, total	0.0011 J	mg/L
G276	Compliance	E009	04/29/2025	Cobalt, total	0.0001 U	mg/L
G276	Compliance	E009	04/29/2025	Dissolved Oxygen	4.91	mg/L
G276	Compliance	E009	04/29/2025	Fluoride, total	0.28 J	mg/L
G276	Compliance	E009	04/29/2025	Lead, total	0.0006 U	mg/L
G276	Compliance	E009	04/29/2025	Lithium, total	0.00960	mg/L
G276	Compliance	E009	04/29/2025	Mercury, total	0.00006 U	mg/L
G276	Compliance	E009	04/29/2025	Molybdenum, total	0.0006 J	mg/L
G276	Compliance	E009	04/29/2025	Oxidation Reduction Potential	144	mV
G276	Compliance	E009	04/29/2025	pH (field)	7.0	SU
G276	Compliance	E009	04/29/2025	Radium 226 + Radium 228, total	0.335	pCi/L
G276	Compliance	E009	04/29/2025	Selenium, total	0.0008 J	mg/L
G276	Compliance	E009	04/29/2025	Specific Conductance @ 25C (field)	737	micromhos/cm
G276	Compliance	E009	04/29/2025	Sulfate, total	274 J-	mg/L
G276	Compliance	E009	04/29/2025	Temperature	17.3	degrees C
G276	Compliance	E009	04/29/2025	Thallium, total	0.001 U	mg/L
G276	Compliance	E009	04/29/2025	Total Dissolved Solids	996	mg/L
G276	Compliance	E009	04/29/2025	Turbidity, field	1.30	NTU
G277	Compliance	E009	05/05/2025	Antimony, total	0.0004 U	mg/L
G277	Compliance	E009	05/05/2025	Arsenic, total	0.0005 J	mg/L

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GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G277	Compliance	E009	05/05/2025	Barium, total	0.0920	mg/L
G277	Compliance	E009	05/05/2025	Beryllium, total	0.0002 U	mg/L
G277	Compliance	E009	05/05/2025	Boron, total	0.450	mg/L
G277	Compliance	E009	05/05/2025	Cadmium, total	0.0002 U	mg/L
G277	Compliance	E009	05/05/2025	Calcium, total	293	mg/L
G277	Compliance	E009	05/05/2025	Chloride, total	126	mg/L
G277	Compliance	E009	05/05/2025	Chromium, total	0.0013 J	mg/L
G277	Compliance	E009	05/05/2025	Cobalt, total	0.0001 U	mg/L
G277	Compliance	E009	05/05/2025	Dissolved Oxygen	3.06	mg/L
G277	Compliance	E009	05/05/2025	Fluoride, total	0.26 J	mg/L
G277	Compliance	E009	05/05/2025	Lead, total	0.0006 U	mg/L
G277	Compliance	E009	05/05/2025	Lithium, total	0.0100	mg/L
G277	Compliance	E009	05/05/2025	Mercury, total	0.00006 U	mg/L
G277	Compliance	E009	05/05/2025	Molybdenum, total	0.0006 U	mg/L
G277	Compliance	E009	05/05/2025	Oxidation Reduction Potential	190	mV
G277	Compliance	E009	05/05/2025	pH (field)	6.7	SU
G277	Compliance	E009	05/05/2025	Radium 226 + Radium 228, total	0.563	pCi/L
G277	Compliance	E009	05/05/2025	Selenium, total	0.0006 U	mg/L
G277	Compliance	E009	05/05/2025	Specific Conductance @ 25C (field)	2,130	micromhos/cm
G277	Compliance	E009	05/05/2025	Sulfate, total	738	mg/L
G277	Compliance	E009	05/05/2025	Temperature	13.6	degrees C
G277	Compliance	E009	05/05/2025	Thallium, total	0.001 U	mg/L
G277	Compliance	E009	05/05/2025	Total Dissolved Solids	1,440	mg/L
G277	Compliance	E009	05/05/2025	Turbidity, field	2.50	NTU
G279	Compliance	E009	05/05/2025	Antimony, total	0.0004 U	mg/L
G279	Compliance	E009	05/05/2025	Arsenic, total	0.0004 U	mg/L
G279	Compliance	E009	05/05/2025	Barium, total	0.0514	mg/L
G279	Compliance	E009	05/05/2025	Beryllium, total	0.0002 U	mg/L
G279	Compliance	E009	05/05/2025	Boron, total	0.151 J	mg/L
G279	Compliance	E009	05/05/2025	Cadmium, total	0.0002 U	mg/L
G279	Compliance	E009	05/05/2025	Calcium, total	116	mg/L
G279	Compliance	E009	05/05/2025	Chloride, total	20.9 J	mg/L
G279	Compliance	E009	05/05/2025	Chromium, total	0.0007 J	mg/L
G279	Compliance	E009	05/05/2025	Cobalt, total	0.0001 U	mg/L
G279	Compliance	E009	05/05/2025	Dissolved Oxygen	7.64	mg/L
G279	Compliance	E009	05/05/2025	Fluoride, total	0.600	mg/L
G279	Compliance	E009	05/05/2025	Lead, total	0.0006 U	mg/L
G279	Compliance	E009	05/05/2025	Lithium, total	0.0016 J	mg/L
G279	Compliance	E009	05/05/2025	Mercury, total	0.00006 U	mg/L
G279	Compliance	E009	05/05/2025	Molybdenum, total	0.0006 U	mg/L
G279	Compliance	E009	05/05/2025	Oxidation Reduction Potential	186	mV
G279	Compliance	E009	05/05/2025	pH (field)	6.9	SU
G279	Compliance	E009	05/05/2025	Radium 226 + Radium 228, total	0	pCi/L
G279	Compliance	E009	05/05/2025	Selenium, total	0.0006 U	mg/L
G279	Compliance	E009	05/05/2025	Specific Conductance @ 25C (field)	646	micromhos/cm
G279	Compliance	E009	05/05/2025	Sulfate, total	229 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G279	Compliance	E009	05/05/2025	Temperature	14.8	degrees C
G279	Compliance	E009	05/05/2025	Thallium, total	0.001 U	mg/L
G279	Compliance	E009	05/05/2025	Total Dissolved Solids	468 J	mg/L
G279	Compliance	E009	05/05/2025	Turbidity, field	1 U	NTU
G283	Compliance	E009	05/06/2025	Antimony, total	0.0004 U	mg/L
G283	Compliance	E009	05/06/2025	Arsenic, total	0.0004 U	mg/L
G283	Compliance	E009	05/06/2025	Barium, total	0.155	mg/L
G283	Compliance	E009	05/06/2025	Beryllium, total	0.0002 U	mg/L
G283	Compliance	E009	05/06/2025	Boron, total	0.0598 J+	mg/L
G283	Compliance	E009	05/06/2025	Cadmium, total	0.0002 U	mg/L
G283	Compliance	E009	05/06/2025	Calcium, total	140	mg/L
G283	Compliance	E009	05/06/2025	Chloride, total	39.7	mg/L
G283	Compliance	E009	05/06/2025	Chromium, total	0.0007 U	mg/L
G283	Compliance	E009	05/06/2025	Cobalt, total	0.0001 U	mg/L
G283	Compliance	E009	05/06/2025	Dissolved Oxygen	0.630	mg/L
G283	Compliance	E009	05/06/2025	Fluoride, total	0.34 J	mg/L
G283	Compliance	E009	05/06/2025	Lead, total	0.0006 U	mg/L
G283	Compliance	E009	05/06/2025	Lithium, total	0.00910	mg/L
G283	Compliance	E009	05/06/2025	Mercury, total	0.00006 U	mg/L
G283	Compliance	E009	05/06/2025	Molybdenum, total	0.00160	mg/L
G283	Compliance	E009	05/06/2025	Oxidation Reduction Potential	185	mV
G283	Compliance	E009	05/06/2025	pH (field)	7.0	SU
G283	Compliance	E009	05/06/2025	Radium 226 + Radium 228, total	0.802	pCi/L
G283	Compliance	E009	05/06/2025	Selenium, total	0.0006 U	mg/L
G283	Compliance	E009	05/06/2025	Specific Conductance @ 25C (field)	1,240	micromhos/cm
G283	Compliance	E009	05/06/2025	Sulfate, total	279	mg/L
G283	Compliance	E009	05/06/2025	Temperature	12.5	degrees C
G283	Compliance	E009	05/06/2025	Thallium, total	0.001 U	mg/L
G283	Compliance	E009	05/06/2025	Total Dissolved Solids	558	mg/L
G283	Compliance	E009	05/06/2025	Turbidity, field	6.20	NTU
G284	Compliance	E009	05/06/2025	Antimony, total	0.0004 U	mg/L
G284	Compliance	E009	05/06/2025	Arsenic, total	0.0004 U	mg/L
G284	Compliance	E009	05/06/2025	Barium, total	0.0648	mg/L
G284	Compliance	E009	05/06/2025	Beryllium, total	0.0002 U	mg/L
G284	Compliance	E009	05/06/2025	Boron, total	0.0438 J+	mg/L
G284	Compliance	E009	05/06/2025	Cadmium, total	0.0002 U	mg/L
G284	Compliance	E009	05/06/2025	Calcium, total	63.8	mg/L
G284	Compliance	E009	05/06/2025	Chloride, total	19.8	mg/L
G284	Compliance	E009	05/06/2025	Chromium, total	0.00250	mg/L
G284	Compliance	E009	05/06/2025	Cobalt, total	0.0001 U	mg/L
G284	Compliance	E009	05/06/2025	Dissolved Oxygen	1.52	mg/L
G284	Compliance	E009	05/06/2025	Fluoride, total	0.42 J	mg/L
G284	Compliance	E009	05/06/2025	Lead, total	0.0006 U	mg/L
G284	Compliance	E009	05/06/2025	Lithium, total	0.00830	mg/L
G284	Compliance	E009	05/06/2025	Mercury, total	0.00006 U	mg/L
G284	Compliance	E009	05/06/2025	Molybdenum, total	0.0123	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G284	Compliance	E009	05/06/2025	Oxidation Reduction Potential	200	mV
G284	Compliance	E009	05/06/2025	pH (field)	6.9	SU
G284	Compliance	E009	05/06/2025	Radium 226 + Radium 228, total	0.986	pCi/L
G284	Compliance	E009	05/06/2025	Selenium, total	0.0006 U	mg/L
G284	Compliance	E009	05/06/2025	Specific Conductance @ 25C (field)	621	micromhos/cm
G284	Compliance	E009	05/06/2025	Sulfate, total	50.7	mg/L
G284	Compliance	E009	05/06/2025	Temperature	12.9	degrees C
G284	Compliance	E009	05/06/2025	Thallium, total	0.001 U	mg/L
G284	Compliance	E009	05/06/2025	Total Dissolved Solids	158	mg/L
G284	Compliance	E009	05/06/2025	Turbidity, field	5.50	NTU
G285	Compliance	E009	05/07/2025	Antimony, total	0.0004 U	mg/L
G285	Compliance	E009	05/07/2025	Arsenic, total	0.0006 J	mg/L
G285	Compliance	E009	05/07/2025	Barium, total	0.0519	mg/L
G285	Compliance	E009	05/07/2025	Beryllium, total	0.0002 U	mg/L
G285	Compliance	E009	05/07/2025	Boron, total	0.118 J+	mg/L
G285	Compliance	E009	05/07/2025	Cadmium, total	0.0002 U	mg/L
G285	Compliance	E009	05/07/2025	Calcium, total	274	mg/L
G285	Compliance	E009	05/07/2025	Chloride, total	26.1	mg/L
G285	Compliance	E009	05/07/2025	Chromium, total	0.0007 J	mg/L
G285	Compliance	E009	05/07/2025	Cobalt, total	0.00590	mg/L
G285	Compliance	E009	05/07/2025	Dissolved Oxygen	1.71	mg/L
G285	Compliance	E009	05/07/2025	Fluoride, total	0.34 J	mg/L
G285	Compliance	E009	05/07/2025	Lead, total	0.0006 U	mg/L
G285	Compliance	E009	05/07/2025	Lithium, total	0.00640	mg/L
G285	Compliance	E009	05/07/2025	Mercury, total	0.00006 U	mg/L
G285	Compliance	E009	05/07/2025	Molybdenum, total	0.00310	mg/L
G285	Compliance	E009	05/07/2025	Oxidation Reduction Potential	83.0	mV
G285	Compliance	E009	05/07/2025	pH (field)	6.5	SU
G285	Compliance	E009	05/07/2025	Radium 226 + Radium 228, total	1.38	pCi/L
G285	Compliance	E009	05/07/2025	Selenium, total	0.0006 U	mg/L
G285	Compliance	E009	05/07/2025	Specific Conductance @ 25C (field)	2,190	micromhos/cm
G285	Compliance	E009	05/07/2025	Sulfate, total	697	mg/L
G285	Compliance	E009	05/07/2025	Temperature	13.0	degrees C
G285	Compliance	E009	05/07/2025	Thallium, total	0.001 U	mg/L
G285	Compliance	E009	05/07/2025	Total Dissolved Solids	1,530	mg/L
G285	Compliance	E009	05/07/2025	Turbidity, field	34.0	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Notes:
C = Celsius
cm = centimeter
Events:
E009 = Quarter 2, 2025 sampling event
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
Result Code (if applicable):
NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
Result qualifiers as defined in the United States Environmental Protection Agency's *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
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.
SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G271	UA	E009	Antimony, total	mg/L	11/23/15 - 05/07/25	30	83	CB around T-S line	0.00227	0.006	Standard	No Exceedance
G271	UA	E009	Arsenic, total	mg/L	11/23/15 - 05/07/25	32	97	CI around median	0.001	0.010	Standard	No Exceedance
G271	UA	E009	Barium, total	mg/L	11/23/15 - 05/07/25	33	0	CB around T-S line	0.0154	2.0	Standard	No Exceedance
G271	UA	E009	Beryllium, total	mg/L	11/23/15 - 05/07/25	30	97	CI around median	0.001	0.004	Standard	No Exceedance
G271	UA	E009	Boron, total	mg/L	11/23/15 - 05/07/25	34	0	CI around geomean	0.646	2	Standard	No Exceedance
G271	UA	E009	Cadmium, total	mg/L	11/23/15 - 05/07/25	30	97	CI around median	0.001	0.005	Standard	No Exceedance
G271	UA	E009	Chloride, total	mg/L	11/23/15 - 05/07/25	34	0	CB around linear reg	45.1	200	Standard	No Exceedance
G271	UA	E009	Chromium, total	mg/L	11/23/15 - 05/07/25	32	78	CB around T-S line	0.00291	0.1	Standard	No Exceedance
G271	UA	E009	Cobalt, total	mg/L	11/23/15 - 05/07/25	32	97	CB around T-S line	0.00153	0.006	Standard	No Exceedance
G271	UA	E009	Fluoride, total	mg/L	11/23/15 - 05/07/25	34	15	CI around mean	0.339	4.0	Standard	No Exceedance
G271	UA	E009	Lead, total	mg/L	11/23/15 - 05/07/25	33	76	CI around median	0.001	0.0120	Background	No Exceedance
G271	UA	E009	Lithium, total	mg/L	11/23/15 - 05/07/25	28	89	CI around median	0.0036	0.04	Standard	No Exceedance
G271	UA	E009	Mercury, total	mg/L	11/23/15 - 05/07/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G271	UA	E009	Molybdenum, total	mg/L	11/23/15 - 05/07/25	33	76	CI around median	0.001	0.1	Standard	No Exceedance
G271	UA	E009	pH (field)	SU	11/23/15 - 05/07/25	36	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
G271	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/23/15 - 05/07/25	28	0	CI around geomean	0.304	5	Standard	No Exceedance
G271	UA	E009	Selenium, total	mg/L	11/23/15 - 05/07/25	32	12	CB around T-S line	0.000734	0.05	Standard	No Exceedance
G271	UA	E009	Sulfate, total	mg/L	11/23/15 - 05/07/25	34	0	CB around T-S line	151	400	Standard	No Exceedance
G271	UA	E009	Thallium, total	mg/L	11/23/15 - 05/07/25	31	97	CB around T-S line	0.001	0.002	Standard	No Exceedance
G271	UA	E009	Total Dissolved Solids	mg/L	11/23/15 - 05/07/25	34	0	CB around linear reg	580	1,200	Standard	No Exceedance
G273	UA	E009	Antimony, total	mg/L	11/24/15 - 05/05/25	30	90	CB around T-S line	0.00163	0.006	Standard	No Exceedance
G273	UA	E009	Arsenic, total	mg/L	11/24/15 - 05/05/25	33	85	CI around median	0.001	0.010	Standard	No Exceedance
G273	UA	E009	Barium, total	mg/L	11/24/15 - 05/05/25	33	0	CI around median	0.029	2.0	Standard	No Exceedance
G273	UA	E009	Beryllium, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G273	UA	E009	Boron, total	mg/L	11/24/15 - 05/05/25	34	0	CB around T-S line	-0.0374	2	Standard	No Exceedance
G273	UA	E009	Cadmium, total	mg/L	11/24/15 - 05/05/25	30	97	CI around median	0.001	0.005	Standard	No Exceedance
G273	UA	E009	Chloride, total	mg/L	11/24/15 - 05/05/25	34	0	CB around T-S line	66.7	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G273	UA	E009	Chromium, total	mg/L	11/24/15 - 05/05/25	32	94	CB around T-S line	0.00304	0.1	Standard	No Exceedance
G273	UA	E009	Cobalt, total	mg/L	11/24/15 - 05/05/25	32	97	CB around T-S line	0.00155	0.006	Standard	No Exceedance
G273	UA	E009	Fluoride, total	mg/L	11/24/15 - 05/05/25	34	29	CI around mean	0.304	4.0	Standard	No Exceedance
G273	UA	E009	Lead, total	mg/L	11/24/15 - 05/05/25	33	91	CI around median	0.001	0.0120	Background	No Exceedance
G273	UA	E009	Lithium, total	mg/L	11/24/15 - 05/05/25	28	64	CI around median	0.0089	0.04	Standard	No Exceedance
G273	UA	E009	Mercury, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G273	UA	E009	Molybdenum, total	mg/L	11/24/15 - 05/05/25	33	94	CB around T-S line	0.001	0.1	Standard	No Exceedance
G273	UA	E009	pH (field)	SU	11/24/15 - 05/05/25	36	0	CI around mean	7.0/7.1	6.5/9.0	Standard/Standard	No Exceedance
G273	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 05/05/25	28	0	CI around median	0.232	5	Standard	No Exceedance
G273	UA	E009	Selenium, total	mg/L	11/24/15 - 05/05/25	33	97	CI around median	0.001	0.05	Standard	No Exceedance
G273	UA	E009	Sulfate, total	mg/L	11/24/15 - 05/05/25	34	0	CI around median	410	400	Standard	Exceedance
G273	UA	E009	Thallium, total	mg/L	11/24/15 - 05/05/25	31	94	CB around T-S line	0.001	0.002	Standard	No Exceedance
G273	UA	E009	Total Dissolved Solids	mg/L	11/24/15 - 05/05/25	34	0	CB around linear reg	1,040	1,200	Standard	No Exceedance
G275	UA	E009	Antimony, total	mg/L	10/14/20 - 04/29/25	14	86	CB around T-S line	0.00033	0.006	Standard	No Exceedance
G275	UA	E009	Arsenic, total	mg/L	10/14/20 - 04/29/25	14	71	CI around median	0.001	0.010	Standard	No Exceedance
G275	UA	E009	Barium, total	mg/L	10/14/20 - 04/29/25	14	0	CI around median	0.025	2.0	Standard	No Exceedance
G275	UA	E009	Beryllium, total	mg/L	10/14/20 - 04/29/25	14	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G275	UA	E009	Boron, total	mg/L	10/14/20 - 04/29/25	14	0	CI around mean	1.66	2	Standard	No Exceedance
G275	UA	E009	Cadmium, total	mg/L	10/14/20 - 04/29/25	14	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G275	UA	E009	Chloride, total	mg/L	10/14/20 - 04/29/25	14	0	CB around linear reg	5.47	200	Standard	No Exceedance
G275	UA	E009	Chromium, total	mg/L	10/14/20 - 04/29/25	14	79	CI around median	0.0021	0.1	Standard	No Exceedance
G275	UA	E009	Cobalt, total	mg/L	10/14/20 - 04/29/25	14	93	CB around T-S line	0.000601	0.006	Standard	No Exceedance
G275	UA	E009	Fluoride, total	mg/L	10/14/20 - 04/29/25	14	29	CI around mean	0.316	4.0	Standard	No Exceedance
G275	UA	E009	Lead, total	mg/L	10/14/20 - 04/29/25	14	93	CI around median	0.001	0.0120	Background	No Exceedance
G275	UA	E009	Lithium, total	mg/L	06/08/23 - 04/29/25	6	17	CI around mean	0.00544	0.04	Standard	No Exceedance
G275	UA	E009	Mercury, total	mg/L	10/14/20 - 04/29/25	14	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G275	UA	E009	Molybdenum, total	mg/L	10/14/20 - 04/29/25	14	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G275	UA	E009	pH (field)	SU	10/14/20 - 04/29/25	14	0	CI around mean	6.8/7.0	6.5/9.0	Standard/Standard	No Exceedance
G275	UA	E009	Radium 226 + Radium 228, total	pCi/L	06/08/23 - 04/29/25	6	0	CI around mean	-0.0943	5	Standard	No Exceedance
G275	UA	E009	Selenium, total	mg/L	10/14/20 - 04/29/25	14	93	CI around median	0.001	0.05	Standard	No Exceedance
G275	UA	E009	Sulfate, total	mg/L	10/14/20 - 04/29/25	14	0	CB around linear reg	141	400	Standard	No Exceedance
G275	UA	E009	Thallium, total	mg/L	10/14/20 - 04/29/25	14	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G275	UA	E009	Total Dissolved Solids	mg/L	10/14/20 - 04/29/25	14	0	CB around linear reg	471	1,200	Standard	No Exceedance
G275D	DA	E009	Antimony, total	mg/L	03/30/21 - 04/29/25	14	93	CB around T-S line	-0.0000245	0.006	Standard	No Exceedance
G275D	DA	E009	Arsenic, total	mg/L	03/30/21 - 04/29/25	14	0	CI around mean	0.00944	0.010	Standard	No Exceedance
G275D	DA	E009	Barium, total	mg/L	03/30/21 - 04/29/25	14	0	CI around mean	0.375	2.0	Standard	No Exceedance
G275D	DA	E009	Beryllium, total	mg/L	03/30/21 - 04/29/25	14	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G275D	DA	E009	Boron, total	mg/L	03/30/21 - 04/29/25	14	0	CB around T-S line	-0.415	2	Standard	No Exceedance
G275D	DA	E009	Cadmium, total	mg/L	03/30/21 - 04/29/25	14	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G275D	DA	E009	Chloride, total	mg/L	03/30/21 - 04/29/25	14	0	CB around linear reg	6	200	Standard	No Exceedance
G275D	DA	E009	Chromium, total	mg/L	03/30/21 - 04/29/25	14	86	CB around T-S line	-0.00143	0.1	Standard	No Exceedance
G275D	DA	E009	Cobalt, total	mg/L	03/30/21 - 04/29/25	14	71	CB around T-S line	-0.000891	0.006	Standard	No Exceedance
G275D	DA	E009	Fluoride, total	mg/L	03/30/21 - 04/29/25	14	29	CI around mean	0.4	4.0	Standard	No Exceedance
G275D	DA	E009	Lead, total	mg/L	03/30/21 - 04/29/25	14	93	CI around median	0.001	0.0120	Background	No Exceedance
G275D	DA	E009	Lithium, total	mg/L	03/30/21 - 04/29/25	14	64	CB around T-S line	-0.00536	0.04	Standard	No Exceedance
G275D	DA	E009	Mercury, total	mg/L	03/30/21 - 04/29/25	14	93	CI around median	0.0002	0.002	Standard	No Exceedance
G275D	DA	E009	Molybdenum, total	mg/L	03/30/21 - 04/29/25	14	36	CB around linear reg	-0.0108	0.1	Standard	No Exceedance
G275D	DA	E009	pH (field)	SU	03/30/21 - 04/29/25	14	0	CI around mean	7.0/7.3	6.5/9.0	Standard/Standard	No Exceedance
G275D	DA	E009	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 04/29/25	15	0	CI around mean	0.707	5	Standard	No Exceedance
G275D	DA	E009	Selenium, total	mg/L	03/30/21 - 04/29/25	14	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G275D	DA	E009	Sulfate, total	mg/L	03/30/21 - 04/29/25	14	0	CB around linear reg	40	400	Standard	No Exceedance
G275D	DA	E009	Thallium, total	mg/L	03/30/21 - 04/29/25	14	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G275D	DA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/29/25	14	0	CI around median	855	1,200	Standard	No Exceedance
G276	UA	E009	Antimony, total	mg/L	11/24/15 - 04/29/25	30	93	CB around T-S line	0.00174	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G276	UA	E009	Arsenic, total	mg/L	11/24/15 - 04/29/25	33	97	CI around median	0.001	0.010	Standard	No Exceedance
G276	UA	E009	Barium, total	mg/L	11/24/15 - 04/29/25	33	0	CB around T-S line	0.0307	2.0	Standard	No Exceedance
G276	UA	E009	Beryllium, total	mg/L	11/24/15 - 04/29/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G276	UA	E009	Boron, total	mg/L	11/24/15 - 04/29/25	34	9	CI around geomean	0.0185	2	Standard	No Exceedance
G276	UA	E009	Cadmium, total	mg/L	11/24/15 - 04/29/25	30	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G276	UA	E009	Chloride, total	mg/L	11/24/15 - 04/29/25	34	0	CB around T-S line	23	200	Standard	No Exceedance
G276	UA	E009	Chromium, total	mg/L	11/24/15 - 04/29/25	32	84	CB around T-S line	0.00331	0.1	Standard	No Exceedance
G276	UA	E009	Cobalt, total	mg/L	11/24/15 - 04/29/25	32	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G276	UA	E009	Fluoride, total	mg/L	11/24/15 - 04/29/25	34	18	CB around T-S line	0.328	4.0	Standard	No Exceedance
G276	UA	E009	Lead, total	mg/L	11/24/15 - 04/29/25	33	94	CI around median	0.001	0.0120	Background	No Exceedance
G276	UA	E009	Lithium, total	mg/L	11/24/15 - 04/29/25	28	36	CI around median	0.0115	0.04	Standard	No Exceedance
G276	UA	E009	Mercury, total	mg/L	11/24/15 - 04/29/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G276	UA	E009	Molybdenum, total	mg/L	11/24/15 - 04/29/25	33	82	CB around T-S line	0.001	0.1	Standard	No Exceedance
G276	UA	E009	pH (field)	SU	11/24/15 - 04/29/25	35	0	CB around linear reg	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance
G276	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 04/29/25	28	0	CI around geomean	0.327	5	Standard	No Exceedance
G276	UA	E009	Selenium, total	mg/L	11/24/15 - 04/29/25	33	36	CB around T-S line	0.000577	0.05	Standard	No Exceedance
G276	UA	E009	Sulfate, total	mg/L	11/24/15 - 04/29/25	34	0	CB around T-S line	260	400	Standard	No Exceedance
G276	UA	E009	Thallium, total	mg/L	11/24/15 - 04/29/25	31	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G276	UA	E009	Total Dissolved Solids	mg/L	11/24/15 - 04/29/25	34	0	CB around T-S line	914	1,200	Standard	No Exceedance
G277	UA	E009	Antimony, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G277	UA	E009	Arsenic, total	mg/L	10/14/20 - 05/05/25	14	79	CI around median	0.001	0.010	Standard	No Exceedance
G277	UA	E009	Barium, total	mg/L	10/14/20 - 05/05/25	14	0	CB around linear reg	0.0182	2.0	Standard	No Exceedance
G277	UA	E009	Beryllium, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G277	UA	E009	Boron, total	mg/L	10/14/20 - 05/05/25	14	0	CB around linear reg	0.163	2	Standard	No Exceedance
G277	UA	E009	Cadmium, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G277	UA	E009	Chloride, total	mg/L	10/14/20 - 05/05/25	14	0	CB around linear reg	102	200	Standard	No Exceedance
G277	UA	E009	Chromium, total	mg/L	10/14/20 - 05/05/25	14	71	CB around T-S line	0.000769	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G277	UA	E009	Cobalt, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G277	UA	E009	Fluoride, total	mg/L	10/14/20 - 05/05/25	14	29	CI around median	0.265	4.0	Standard	No Exceedance
G277	UA	E009	Lead, total	mg/L	10/14/20 - 05/05/25	14	86	CI around median	0.001	0.0120	Background	No Exceedance
G277	UA	E009	Lithium, total	mg/L	06/01/23 - 05/05/25	5	20	CI around mean	0.00739	0.04	Standard	No Exceedance
G277	UA	E009	Mercury, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G277	UA	E009	Molybdenum, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
G277	UA	E009	pH (field)	SU	10/14/20 - 05/05/25	14	0	CI around mean	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance
G277	UA	E009	Radium 226 + Radium 228, total	pCi/L	06/01/23 - 05/05/25	5	0	CI around mean	-0.209	5	Standard	No Exceedance
G277	UA	E009	Selenium, total	mg/L	10/14/20 - 05/05/25	14	64	CI around median	0.001	0.05	Standard	No Exceedance
G277	UA	E009	Sulfate, total	mg/L	10/14/20 - 05/05/25	14	0	CB around linear reg	540	400	Standard	Exceedance
G277	UA	E009	Thallium, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G277	UA	E009	Total Dissolved Solids	mg/L	10/14/20 - 05/05/25	14	0	CB around linear reg	1,250	1,200	Standard	Exceedance
G279	UA	E009	Antimony, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G279	UA	E009	Arsenic, total	mg/L	11/24/15 - 05/05/25	33	88	CI around median	0.001	0.010	Standard	No Exceedance
G279	UA	E009	Barium, total	mg/L	11/24/15 - 05/05/25	33	0	CB around T-S line	0.0285	2.0	Standard	No Exceedance
G279	UA	E009	Beryllium, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G279	UA	E009	Boron, total	mg/L	11/24/15 - 05/05/25	34	0	CB around linear reg	1.62	2	Standard	No Exceedance
G279	UA	E009	Cadmium, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G279	UA	E009	Chloride, total	mg/L	11/24/15 - 05/05/25	34	0	CB around linear reg	204	200	Standard	Exceedance
G279	UA	E009	Chromium, total	mg/L	11/24/15 - 05/05/25	32	94	CB around T-S line	0.00298	0.1	Standard	No Exceedance
G279	UA	E009	Cobalt, total	mg/L	11/24/15 - 05/05/25	32	97	CB around T-S line	0.00156	0.006	Standard	No Exceedance
G279	UA	E009	Fluoride, total	mg/L	11/24/15 - 05/05/25	34	15	CI around mean	0.339	4.0	Standard	No Exceedance
G279	UA	E009	Lead, total	mg/L	11/24/15 - 05/05/25	33	94	CI around median	0.001	0.0120	Background	No Exceedance
G279	UA	E009	Lithium, total	mg/L	11/24/15 - 05/05/25	33	64	CI around median	0.011	0.04	Standard	No Exceedance
G279	UA	E009	Mercury, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G279	UA	E009	Molybdenum, total	mg/L	11/24/15 - 05/05/25	33	91	CI around median	0.001	0.1	Standard	No Exceedance
G279	UA	E009	pH (field)	SU	11/24/15 - 05/05/25	34	0	CB around linear reg	6.5/6.8	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G279	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 05/05/25	33	0	CB around T-S line	0.00105	5	Standard	No Exceedance
G279	UA	E009	Selenium, total	mg/L	11/24/15 - 05/05/25	33	18	CB around linear reg	-0.0039	0.05	Standard	No Exceedance
G279	UA	E009	Sulfate, total	mg/L	11/24/15 - 05/05/25	34	0	CI around geomean	454	400	Standard	Exceedance
G279	UA	E009	Thallium, total	mg/L	11/24/15 - 05/05/25	31	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G279	UA	E009	Total Dissolved Solids	mg/L	11/24/15 - 05/05/25	34	0	CB around linear reg	2,260	1,200	Standard	Exceedance
G283	LCU	E009	Antimony, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G283	LCU	E009	Arsenic, total	mg/L	03/31/21 - 05/06/25	17	71	CI around median	0.001	0.010	Standard	No Exceedance
G283	LCU	E009	Barium, total	mg/L	03/31/21 - 05/06/25	17	0	CI around mean	0.156	2.0	Standard	No Exceedance
G283	LCU	E009	Beryllium, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G283	LCU	E009	Boron, total	mg/L	03/31/21 - 05/06/25	17	0	CB around T-S line	0.0478	2	Standard	No Exceedance
G283	LCU	E009	Cadmium, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G283	LCU	E009	Chloride, total	mg/L	03/31/21 - 05/06/25	17	0	CI around mean	38.1	200	Standard	No Exceedance
G283	LCU	E009	Chromium, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
G283	LCU	E009	Cobalt, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G283	LCU	E009	Fluoride, total	mg/L	03/31/21 - 05/06/25	17	35	CI around mean	0.316	4.0	Standard	No Exceedance
G283	LCU	E009	Lead, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.0120	Background	No Exceedance
G283	LCU	E009	Lithium, total	mg/L	03/31/21 - 05/06/25	17	53	CB around T-S line	0.00526	0.04	Standard	No Exceedance
G283	LCU	E009	Mercury, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G283	LCU	E009	Molybdenum, total	mg/L	03/31/21 - 05/06/25	17	6	CI around mean	0.00153	0.1	Standard	No Exceedance
G283	LCU	E009	pH (field)	SU	03/31/21 - 05/06/25	17	0	CI around mean	7.0/7.1	6.5/9.0	Standard/Standard	No Exceedance
G283	LCU	E009	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 05/06/25	17	0	CI around median	0.698	5	Standard	No Exceedance
G283	LCU	E009	Selenium, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G283	LCU	E009	Sulfate, total	mg/L	03/31/21 - 05/06/25	17	0	CB around linear reg	258	400	Standard	No Exceedance
G283	LCU	E009	Thallium, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G283	LCU	E009	Total Dissolved Solids	mg/L	03/31/21 - 05/06/25	17	0	CI around mean	771	1,200	Standard	No Exceedance
G284	UA	E009	Antimony, total	mg/L	03/30/21 - 05/06/25	16	94	CB around T-S line	0.0000798	0.006	Standard	No Exceedance
G284	UA	E009	Arsenic, total	mg/L	03/30/21 - 05/06/25	16	94	Most recent sample	0.001	0.010	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G284	UA	E009	Barium, total	mg/L	03/30/21 - 05/06/25	16	0	CI around geomean	0.0611	2.0	Standard	No Exceedance
G284	UA	E009	Beryllium, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G284	UA	E009	Boron, total	mg/L	03/30/21 - 05/06/25	16	0	CI around geomean	0.0398	2	Standard	No Exceedance
G284	UA	E009	Cadmium, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G284	UA	E009	Chloride, total	mg/L	03/30/21 - 05/06/25	16	0	CB around linear reg	10.6	200	Standard	No Exceedance
G284	UA	E009	Chromium, total	mg/L	03/30/21 - 05/06/25	16	88	CB around T-S line	0.000452	0.1	Standard	No Exceedance
G284	UA	E009	Cobalt, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G284	UA	E009	Fluoride, total	mg/L	03/30/21 - 05/06/25	16	25	CI around mean	0.471	4.0	Standard	No Exceedance
G284	UA	E009	Lead, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.001	0.0120	Background	No Exceedance
G284	UA	E009	Lithium, total	mg/L	03/30/21 - 05/06/25	16	56	CB around T-S line	0.00551	0.04	Standard	No Exceedance
G284	UA	E009	Mercury, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G284	UA	E009	Molybdenum, total	mg/L	03/30/21 - 05/06/25	16	25	CI around median	0.001	0.1	Standard	No Exceedance
G284	UA	E009	pH (field)	SU	03/30/21 - 05/06/25	16	0	CI around mean	7.0/7.2	6.5/9.0	Standard/Standard	No Exceedance
G284	UA	E009	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 05/06/25	16	0	CI around mean	0.25	5	Standard	No Exceedance
G284	UA	E009	Selenium, total	mg/L	03/30/21 - 05/06/25	16	81	CI around median	0.001	0.05	Standard	No Exceedance
G284	UA	E009	Sulfate, total	mg/L	03/30/21 - 05/06/25	16	0	CI around median	60	400	Standard	No Exceedance
G284	UA	E009	Thallium, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G284	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 05/06/25	16	0	CI around median	440	1,200	Standard	No Exceedance
G285	LCU	E009	Antimony, total	mg/L	03/30/21 - 05/07/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G285	LCU	E009	Arsenic, total	mg/L	03/30/21 - 05/07/25	17	65	CI around median	0.001	0.010	Standard	No Exceedance
G285	LCU	E009	Barium, total	mg/L	03/30/21 - 05/07/25	17	0	CB around linear reg	0.0196	2.0	Standard	No Exceedance
G285	LCU	E009	Beryllium, total	mg/L	03/30/21 - 05/07/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G285	LCU	E009	Boron, total	mg/L	03/30/21 - 05/07/25	17	0	CI around mean	0.111	2	Standard	No Exceedance
G285	LCU	E009	Cadmium, total	mg/L	03/30/21 - 05/07/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G285	LCU	E009	Chloride, total	mg/L	03/30/21 - 05/07/25	17	0	CB around linear reg	4.36	200	Standard	No Exceedance
G285	LCU	E009	Chromium, total	mg/L	03/30/21 - 05/07/25	17	88	CB around T-S line	0.000277	0.1	Standard	No Exceedance
G285	LCU	E009	Cobalt, total	mg/L	03/30/21 - 05/07/25	17	18	CI around geomean	0.00174	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G285	LCU	E009	Fluoride, total	mg/L	03/30/21 - 05/07/25	17	41	CB around linear reg	0.4	4.0	Standard	No Exceedance
G285	LCU	E009	Lead, total	mg/L	03/30/21 - 05/07/25	17	100	All ND - Last	0.001	0.0120	Background	No Exceedance
G285	LCU	E009	Lithium, total	mg/L	03/30/21 - 05/07/25	17	53	CB around T-S line	-0.000383	0.04	Standard	No Exceedance
G285	LCU	E009	Mercury, total	mg/L	03/30/21 - 05/07/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
G285	LCU	E009	Molybdenum, total	mg/L	03/30/21 - 05/07/25	17	0	CB around linear reg	0.000806	0.1	Standard	No Exceedance
G285	LCU	E009	pH (field)	SU	03/30/21 - 05/07/25	17	0	CB around T-S line	6.3/6.6	6.5/9.0	Standard/Standard	No Exceedance
G285	LCU	E009	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 05/07/25	17	0	CI around geomean	1.25	5	Standard	No Exceedance
G285	LCU	E009	Selenium, total	mg/L	03/30/21 - 05/07/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G285	LCU	E009	Sulfate, total	mg/L	03/30/21 - 05/07/25	17	0	CB around linear reg	648	400	Standard	Exceedance
G285	LCU	E009	Thallium, total	mg/L	03/30/21 - 05/07/25	17	94	CB around T-S line	0.001	0.002	Standard	No Exceedance
G285	LCU	E009	Total Dissolved Solids	mg/L	03/30/21 - 05/07/25	17	0	CI around mean	1,470	1,200	Standard	Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Notes:
Compliance Result:
- No Exceedance: the statistical result did not exceed the GWPS.
- Exceedance: The statistical result exceeded the GWPS.

  Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Illinois Power Generating Company's (IPGC's) operating permit application for the GMF Recycle Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, IPGC has not identified any actual exceedances.

Events:
- E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:
- DA = Deep Aquifer
- LCU = Lower Confining Unit
- UA = Uppermost Aquifer

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

Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
Statistical Result Code (if applicable):
- NR[1] = Parameter not analyzed.
- NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
- NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
- NS[3] = The location was not accessible; therefore, a sample was not collected.
- NS[4] = The location could not be found; therefore, a sample was not collected.
- NS[5] = The location was damaged; therefore, a sample was not collected.
- NS[6] = Sampling pump could not yield a sample.
- NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS[8] = A sample was not collected.
- PM[1] = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

For pH, the values presented are the lower / upper limits
GWPS Source:
- Background = background concentration
- Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

FIGURES



PROJECT: 169000XXXX | DATED: 7/23/2025 | DESIGNER: GALARNMC
Y:\Mapping\Projects\222285\MXD\845_Quarterly_Reports\25Q2\COF\104\COF_104_25Q2.aprx\Figure 1. Monitoring Well Location Map

- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- CCR SOURCE WATER SAMPLE
- CLOSED STAFF GAGE
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

0 200 400 Feet

MONITORING WELL LOCATION MAP

35 I.A.C. § 845.610(B)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES REPORT
QUARTER 2, 2025
GMF RECYCLE POND
COFFEEN POWER PLANT
COFFEEN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 2, 2025

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
G270	Background	04/28/2025	2.48	623.19
G271	Compliance	04/28/2025	8.25	617.30
G273	Compliance	04/28/2025	8.72	613.98
G275	Compliance	04/28/2025	13.39	604.92
G275D	Compliance	04/28/2025	36.37	583.78
G276	Compliance	04/28/2025	26.00	605.73
G277	Compliance	04/28/2025	18.95	604.25
G279	Compliance	04/28/2025	20.49	611.55
G280	Background	04/28/2025	3.22	622.17
G283	Compliance	04/28/2025	3.44	607.35
G284	Compliance	04/28/2025	8.99	609.02
G285	Compliance	04/28/2025	4.71	608.67
X201	Water Level	04/28/2025	NA	618.82

Notes:
BMP = below measuring point
Depth to Groundwater/Groundwater Elevation Code (if applicable):
DM[1] = Depth to water was not measured.
DM[2] = Depth to water was not measured because water was above or below the staff gage markings.
DM[3] = Depth to water was not measured because the location was inaccessible.
DM[4] = Depth to water was not measured because water level was below the top of the pump.
DM[5] = Depth to water was not measured because water level was above the top of casing (artesian well).
DM[6] = Depth to water was not measured because of damage to the well.
DM[7] = Depth to water was not measured due to required pressure transducer maintenance.
DM[8] = Lab provided groundwater elevation data and not depth to water.
NA = not available/not applicable
NAVD88 = North American Vertical Datum of 1988

ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 2, 2025

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

June 17, 2025

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

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

RE: COF-25Q2 **WorkOrder:** 25041418

Dear Eric Bauer:

TEKLAB, INC received 16 samples for COF_845_104 on 5/8/2025 11:05:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report,Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Elizabeth A. Hurley

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

Report Contents

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	23
Quality Control Results	24
Receiving Check List	214
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

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

Teklab, Inc.
Environmental Laboratory

Definitions

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

Qualifiers

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

Case Narrative

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

Cooler Receipt Temp: 6.2 °C

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

Equipment Blanks were not required. Dates/times of measurement for depth, only, locations are per SAR-4. EAH 5/12/25

Per Eric Bauer's request, only COF_845_104 data is included in this report. EAH 6/17/25

Locations

Collinsville

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

Springfield

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

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Collinsville Air

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

Chicago

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

Accreditations

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-042 **Client Sample ID:** G270

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 10:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**2.25**	ft	1	05/07/2025 10:22	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**3.1**	NTU	1	05/07/2025 10:22	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**63**	mV	1	05/07/2025 10:22	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**780**	µS/cm	1	05/07/2025 10:22	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.8**	°C	1	05/07/2025 10:22	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.81**	mg/L	1	05/07/2025 10:22	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.90**		1	05/07/2025 10:22	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**326**	mg/L	1	05/08/2025 11:21	R364657
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/08/2025 11:21	R364657
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**464**	mg/L	1	05/10/2025 16:08	R365217
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.34**	mg/L	10	05/08/2025 11:45	R364695
Chloride	NELAP	1.00	5.00		**13.7**	mg/L	10	05/08/2025 11:45	R364695
Sulfate	NELAP	0.99	10.0		**53.9**	mg/L	10	05/08/2025 11:45	R364695
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**63.6**	mg/L	1	05/09/2025 17:57	238803
Magnesium	NELAP	0.006	0.050		**25.7**	mg/L	1	05/09/2025 17:57	238803
Potassium	NELAP	0.040	0.100		**0.724**	mg/L	1	05/09/2025 17:57	238803
Sodium	NELAP	0.018	0.050		**73.1**	mg/L	1	05/09/2025 17:57	238803
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	**0.5**	µg/L	5	05/09/2025 17:08	238803
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/09/2025 17:08	238803
Barium	NELAP	0.7	1.0		**42.1**	µg/L	5	05/12/2025 11:38	238803
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/09/2025 17:08	238803
Boron	NELAP	9.2	20.0		**< 20.0**	µg/L	5	05/09/2025 17:08	238803
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/09/2025 17:08	238803
Chromium	NELAP	0.7	1.5		**< 1.5**	µg/L	5	05/09/2025 17:08	238803
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/09/2025 17:08	238803
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/09/2025 17:08	238803
Lithium	*	1.4	3.0		**3.7**	µg/L	5	05/09/2025 17:08	238803
Molybdenum	NELAP	0.6	1.5	J	**0.7**	µg/L	5	05/09/2025 17:08	238803
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/12/2025 11:38	238803
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/09/2025 17:08	238803
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/09/2025 12:14	238795

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-043 **Client Sample ID:** G271

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 9:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.87**	ft	1	05/07/2025 9:50	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.7**	NTU	1	05/07/2025 9:50	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**54**	mV	1	05/07/2025 9:50	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1140**	µS/cm	1	05/07/2025 9:50	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.8**	°C	1	05/07/2025 9:50	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.80**	mg/L	1	05/07/2025 9:50	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.80**		1	05/07/2025 9:50	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**287**	mg/L	1	05/08/2025 10:43	R364657
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/08/2025 10:43	R364657
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**630**	mg/L	1	05/10/2025 16:52	R365217
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.46**	mg/L	10	05/08/2025 12:36	R364695
Chloride	NELAP	1.00	5.00		**47.3**	mg/L	10	05/08/2025 12:36	R364695
Sulfate	NELAP	0.99	10.0		**188**	mg/L	10	05/08/2025 12:36	R364695
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**83.1**	mg/L	1	05/09/2025 17:59	238803
Magnesium	NELAP	0.006	0.050		**39.6**	mg/L	1	05/09/2025 17:59	238803
Potassium	NELAP	0.040	0.100		**0.313**	mg/L	1	05/09/2025 17:59	238803
Sodium	NELAP	0.018	0.050		**76.9**	mg/L	1	05/09/2025 17:59	238803
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**1.4**	µg/L	5	05/09/2025 17:58	238803
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/09/2025 17:58	238803
Barium	NELAP	0.7	1.0		**19.1**	µg/L	5	05/12/2025 11:44	238803
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/09/2025 17:58	238803
Boron	NELAP	9.2	20.0		**475**	µg/L	5	05/09/2025 17:58	238803
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/09/2025 17:58	238803
Chromium	NELAP	0.7	1.5	J	**0.9**	µg/L	5	05/09/2025 17:58	238803
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/09/2025 17:58	238803
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/09/2025 17:58	238803
Lithium	*	1.4	3.0	J	**2.6**	µg/L	5	05/09/2025 17:58	238803
Molybdenum	NELAP	0.6	1.5		**< 1.5**	µg/L	5	05/09/2025 17:58	238803
Selenium	NELAP	0.6	1.0	J	**0.9**	µg/L	5	05/12/2025 11:44	238803
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/09/2025 17:58	238803
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/09/2025 12:18	238795

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-045 **Client Sample ID:** G273

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 11:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.86**	ft	1	05/05/2025 11:01	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.2**	NTU	1	05/05/2025 11:01	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**179**	mV	1	05/05/2025 11:01	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1530**	µS/cm	1	05/05/2025 11:01	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.5**	°C	1	05/05/2025 11:01	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.64**	mg/L	1	05/05/2025 11:01	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.91**		1	05/05/2025 11:01	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**358**	mg/L	1	05/06/2025 13:52	R364520
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/06/2025 13:52	R364520
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**988**	mg/L	1	05/05/2025 18:07	R364528
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.31**	mg/L	10	05/06/2025 14:50	R364477
Chloride	NELAP	1.00	5.00		**59.8**	mg/L	10	05/06/2025 14:50	R364477
Sulfate	NELAP	0.99	10.0		**571**	mg/L	10	05/06/2025 14:50	R364477
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**163**	mg/L	1	05/06/2025 11:06	238633
Magnesium	NELAP	0.006	0.050		**82.7**	mg/L	1	05/06/2025 11:06	238633
Potassium	NELAP	0.040	0.100		**0.531**	mg/L	1	05/06/2025 11:06	238633
Sodium	NELAP	0.018	0.050		**97.1**	mg/L	1	05/06/2025 11:06	238633
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	**1.0**	µg/L	5	05/07/2025 12:13	238633
Arsenic	NELAP	0.4	1.0	J	**0.6**	µg/L	5	05/06/2025 13:47	238633
Barium	NELAP	0.7	1.0		**32.9**	µg/L	5	05/07/2025 12:13	238633
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/06/2025 13:47	238633
Boron	NELAP	9.2	20.0		**130**	µg/L	5	05/06/2025 13:47	238633
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/06/2025 13:47	238633
Chromium	NELAP	0.7	1.5	J	**1.2**	µg/L	5	05/06/2025 13:47	238633
Cobalt	NELAP	0.1	1.0	J	**0.4**	µg/L	5	05/06/2025 13:47	238633
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/06/2025 13:47	238633
Lithium	*	1.4	3.0		**5.3**	µg/L	5	05/06/2025 13:47	238633
Molybdenum	NELAP	0.6	1.5	J	**0.6**	µg/L	5	05/06/2025 13:47	238633
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/06/2025 13:47	238633
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/06/2025 13:47	238633
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/06/2025 18:13	238653

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-047 **Client Sample ID:** G275

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 12:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**12.23**	ft	1	04/29/2025 12:01	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**1.7**	NTU	1	04/29/2025 12:01	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**126**	mV	1	04/29/2025 12:01	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**544**	µS/cm	1	04/29/2025 12:01	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.9**	°C	1	04/29/2025 12:01	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.92**	mg/L	1	04/29/2025 12:01	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.88**		1	04/29/2025 12:01	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**301**	mg/L	1	04/30/2025 12:19	R364186
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/30/2025 12:19	R364186
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**448**	mg/L	1	05/01/2025 10:09	R364268
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.22**	mg/L	10	04/30/2025 18:57	R364196
Chloride	NELAP	1.00	5.00		**8.88**	mg/L	10	04/30/2025 18:57	R364196
Sulfate	NELAP	0.99	10.0		**233**	mg/L	10	04/30/2025 18:57	R364196
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**110**	mg/L	1	05/01/2025 15:21	238389
Magnesium	NELAP	0.006	0.050		**46.0**	mg/L	1	05/01/2025 15:21	238389
Potassium	NELAP	0.040	0.100		**0.292**	mg/L	1	05/01/2025 15:21	238389
Sodium	NELAP	0.018	0.050		**45.8**	mg/L	1	05/01/2025 15:21	238389
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/02/2025 11:51	238389
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/02/2025 11:51	238389
Barium	NELAP	0.7	1.0		**38.3**	µg/L	5	05/02/2025 11:51	238389
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/02/2025 11:51	238389
Boron	NELAP	9.2	20.0		**1370**	µg/L	5	05/02/2025 11:51	238389
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/02/2025 11:51	238389
Chromium	NELAP	0.7	1.5	J	**0.9**	µg/L	5	05/02/2025 11:51	238389
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/02/2025 11:51	238389
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/01/2025 17:35	238389
Lithium	*	1.4	3.0		**4.6**	µg/L	5	05/02/2025 11:51	238389
Molybdenum	NELAP	0.6	1.5		**< 1.5**	µg/L	5	05/02/2025 11:51	238389
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/02/2025 11:51	238389
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/01/2025 17:35	238389
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/02/2025 15:21	238441

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-048 **Client Sample ID:** G275D

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 10:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**36.16**	ft	1	04/29/2025 10:43	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**8.3**	NTU	1	04/29/2025 10:43	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**124**	mV	1	04/29/2025 10:43	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**736**	µS/cm	1	04/29/2025 10:43	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.2**	°C	1	04/29/2025 10:43	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.02**	mg/L	1	04/29/2025 10:43	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**7.05**		1	04/29/2025 10:43	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**774**	mg/L	1	04/30/2025 12:26	R364186
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/30/2025 12:26	R364186
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	27	33		**962**	mg/L	1.67	05/01/2025 11:21	R364268
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.40**	mg/L	10	04/30/2025 19:08	R364196
Chloride	NELAP	1.00	5.00		**14.3**	mg/L	10	04/30/2025 19:08	R364196
Sulfate	NELAP	0.99	10.0		**87.4**	mg/L	10	04/30/2025 19:08	R364196
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**156**	mg/L	1	05/01/2025 15:22	238389
Magnesium	NELAP	0.006	0.050		**61.0**	mg/L	1	05/01/2025 15:22	238389
Potassium	NELAP	0.040	0.100		**2.57**	mg/L	1	05/01/2025 15:22	238389
Sodium	NELAP	0.018	0.050		**112**	mg/L	1	05/01/2025 15:22	238389
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	**0.6**	µg/L	5	05/02/2025 12:40	238389
Arsenic	NELAP	0.4	1.0		**12.9**	µg/L	5	05/02/2025 12:40	238389
Barium	NELAP	0.7	1.0		**442**	µg/L	5	05/02/2025 12:40	238389
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/02/2025 12:40	238389
Boron	NELAP	9.2	20.0		**145**	µg/L	5	05/02/2025 12:40	238389
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/02/2025 12:40	238389
Chromium	NELAP	0.7	1.5	J	**1.3**	µg/L	5	05/02/2025 12:40	238389
Cobalt	NELAP	0.1	1.0	J	**0.4**	µg/L	5	05/02/2025 12:40	238389
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/01/2025 17:41	238389
Lithium	*	1.4	3.0	J	**2.6**	µg/L	5	05/02/2025 12:40	238389
Molybdenum	NELAP	0.6	1.5		**< 1.5**	µg/L	5	05/02/2025 12:40	238389
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/02/2025 12:40	238389
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/01/2025 17:41	238389
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/02/2025 15:25	238441

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-049 **Client Sample ID:** G276

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 13:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**25.99**	ft	1	04/29/2025 13:12	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**1.3**	NTU	1	04/29/2025 13:12	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**144**	mV	1	04/29/2025 13:12	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**737**	µS/cm	1	04/29/2025 13:12	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.3**	°C	1	04/29/2025 13:12	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**4.91**	mg/L	1	04/29/2025 13:12	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.96**		1	04/29/2025 13:12	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**508**	mg/L	1	04/30/2025 12:35	R364186
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/30/2025 12:35	R364186
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**996**	mg/L	1	05/01/2025 11:22	R364268
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.28**	mg/L	10	04/30/2025 19:55	R364196
Chloride	NELAP	1.00	5.00		**29.6**	mg/L	10	04/30/2025 19:55	R364196
Sulfate	NELAP	0.99	10.0		**274**	mg/L	10	04/30/2025 19:55	R364196
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**147**	mg/L	1	05/01/2025 15:24	238389
Magnesium	NELAP	0.006	0.050		**67.5**	mg/L	1	05/01/2025 15:24	238389
Potassium	NELAP	0.040	0.100		**0.574**	mg/L	1	05/01/2025 15:24	238389
Sodium	NELAP	0.018	0.050		**91.2**	mg/L	1	05/01/2025 15:24	238389
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/02/2025 12:46	238389
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/02/2025 12:46	238389
Barium	NELAP	0.7	1.0		**44.2**	µg/L	5	05/02/2025 12:46	238389
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/02/2025 12:46	238389
Boron	NELAP	9.2	20.0		**20.5**	µg/L	5	05/02/2025 12:46	238389
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/02/2025 12:46	238389
Chromium	NELAP	0.7	1.5	J	**1.1**	µg/L	5	05/02/2025 12:46	238389
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/02/2025 12:46	238389
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/01/2025 17:47	238389
Lithium	*	1.4	3.0		**9.6**	µg/L	5	05/02/2025 12:46	238389
Molybdenum	NELAP	0.6	1.5	J	**0.6**	µg/L	5	05/02/2025 12:46	238389
Selenium	NELAP	0.6	1.0	J	**0.8**	µg/L	5	05/02/2025 12:46	238389
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/01/2025 17:47	238389
CCV recovered outside the upper control limits. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/02/2025 15:32	238441

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-050 **Client Sample ID:** G277

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 12:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**18.58**	ft	1	05/05/2025 12:17	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.5**	NTU	1	05/05/2025 12:17	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**190**	mV	1	05/05/2025 12:17	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2130**	µS/cm	1	05/05/2025 12:17	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.6**	°C	1	05/05/2025 12:17	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**3.06**	mg/L	1	05/05/2025 12:17	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.69**		1	05/05/2025 12:17	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**444**	mg/L	1	05/06/2025 12:41	R364520
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/06/2025 12:41	R364520
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**1440**	mg/L	1	05/05/2025 18:07	R364528
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.26**	mg/L	10	05/06/2025 15:02	R364477
Chloride	NELAP	1.00	5.00		**126**	mg/L	10	05/06/2025 15:02	R364477
Sulfate	NELAP	0.99	10.0		**738**	mg/L	10	05/06/2025 15:02	R364477
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**293**	mg/L	1	05/06/2025 11:07	238633
Magnesium	NELAP	0.006	0.050		**128**	mg/L	1	05/06/2025 11:07	238633
Potassium	NELAP	0.040	0.100		**0.789**	mg/L	1	05/06/2025 11:07	238633
Sodium	NELAP	0.018	0.050		**107**	mg/L	1	05/06/2025 11:07	238633
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/07/2025 12:50	238633
Arsenic	NELAP	0.4	1.0	J	**0.5**	µg/L	5	05/06/2025 13:53	238633
Barium	NELAP	0.7	1.0		**92.0**	µg/L	5	05/07/2025 12:50	238633
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/06/2025 13:53	238633
Boron	NELAP	9.2	20.0		**450**	µg/L	5	05/06/2025 13:53	238633
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/06/2025 13:53	238633
Chromium	NELAP	0.7	1.5	J	**1.3**	µg/L	5	05/06/2025 13:53	238633
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/06/2025 13:53	238633
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/06/2025 13:53	238633
Lithium	*	1.4	3.0		**10.0**	µg/L	5	05/06/2025 13:53	238633
Molybdenum	NELAP	0.6	1.5		**< 1.5**	µg/L	5	05/06/2025 13:53	238633
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/06/2025 13:53	238633
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/06/2025 13:53	238633
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/06/2025 18:17	238653

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-052 **Client Sample ID:** G279

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 13:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**19.89**	ft	1	05/05/2025 13:10	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**< 1.0**	NTU	1	05/05/2025 13:10	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**186**	mV	1	05/05/2025 13:10	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**646**	µS/cm	1	05/05/2025 13:10	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.8**	°C	1	05/05/2025 13:10	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**7.64**	mg/L	1	05/05/2025 13:10	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.90**		1	05/05/2025 13:10	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**380**	mg/L	1	05/06/2025 14:22	R364520
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/06/2025 14:22	R364520
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**468**	mg/L	1	05/08/2025 14:00	R364710
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		**0.60**	mg/L	10	05/06/2025 15:15	R364477
Chloride	NELAP	1.00	5.00		**20.9**	mg/L	10	05/06/2025 15:15	R364477
Sulfate	NELAP	0.99	10.0		**229**	mg/L	10	05/06/2025 15:15	R364477
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**116**	mg/L	1	05/06/2025 11:07	238633
Magnesium	NELAP	0.006	0.050		**51.9**	mg/L	1	05/06/2025 11:07	238633
Potassium	NELAP	0.040	0.100		**0.379**	mg/L	1	05/06/2025 11:07	238633
Sodium	NELAP	0.018	0.050		**38.5**	mg/L	1	05/06/2025 11:07	238633
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/07/2025 12:57	238633
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/06/2025 13:59	238633
Barium	NELAP	0.7	1.0		**51.4**	µg/L	5	05/07/2025 12:57	238633
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/06/2025 13:59	238633
Boron	NELAP	9.2	20.0		**151**	µg/L	5	05/06/2025 13:59	238633
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/06/2025 13:59	238633
Chromium	NELAP	0.7	1.5	J	**0.7**	µg/L	5	05/06/2025 13:59	238633
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/06/2025 13:59	238633
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/06/2025 13:59	238633
Lithium	*	1.4	3.0	J	**1.6**	µg/L	5	05/06/2025 13:59	238633
Molybdenum	NELAP	0.6	1.5		**< 1.5**	µg/L	5	05/06/2025 13:59	238633
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/06/2025 13:59	238633
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/06/2025 13:59	238633
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/06/2025 18:26	238653

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-053 **Client Sample ID:** G280

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 13:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**2.87**	ft	1	05/05/2025 13:55	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**22**	NTU	1	05/05/2025 13:55	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**185**	mV	1	05/05/2025 13:55	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**640**	µS/cm	1	05/05/2025 13:55	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.7**	°C	1	05/05/2025 13:55	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.64**	mg/L	1	05/05/2025 13:55	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**7.18**		1	05/05/2025 13:55	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**278**	mg/L	1	05/06/2025 14:15	R364520
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/06/2025 14:15	R364520
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**276**	mg/L	1	05/08/2025 14:00	R364710
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.28**	mg/L	10	05/06/2025 16:06	R364477
Chloride	NELAP	1.00	5.00		**61.5**	mg/L	10	05/06/2025 16:06	R364477
Sulfate	NELAP	0.99	10.0		**84.2**	mg/L	10	05/06/2025 16:06	R364477
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**74.9**	mg/L	1	05/06/2025 10:34	238652
Magnesium	NELAP	0.006	0.050		**34.2**	mg/L	1	05/06/2025 10:34	238652
Potassium	NELAP	0.040	0.100		**0.700**	mg/L	1	05/06/2025 10:34	238652
Sodium	NELAP	0.018	0.050		**52.2**	mg/L	1	05/06/2025 10:34	238652
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/06/2025 17:45	238652
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/06/2025 17:45	238652
Barium	NELAP	0.7	1.0		**47.1**	µg/L	5	05/07/2025 14:43	238652
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/06/2025 17:45	238652
Boron	NELAP	9.2	20	J	**15**	µg/L	5	05/06/2025 17:45	238652
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/06/2025 17:45	238652
Chromium	NELAP	0.7	1.5		**1.6**	µg/L	5	05/06/2025 17:45	238652
Cobalt	NELAP	0.1	1.0	J	**0.3**	µg/L	5	05/06/2025 17:45	238652
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/06/2025 17:45	238652
Lithium	*	1.4	3.0		**3.5**	µg/L	5	05/06/2025 17:45	238652
Molybdenum	NELAP	0.6	1.5	J	**0.8**	µg/L	5	05/06/2025 17:45	238652
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/06/2025 17:45	238652
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/06/2025 17:45	238652
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/06/2025 18:31	238653

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-055 **Client Sample ID:** G283

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 13:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**3.72**	ft	1	05/06/2025 13:31	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.2**	NTU	1	05/06/2025 13:31	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**185**	mV	1	05/06/2025 13:31	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1240**	µS/cm	1	05/06/2025 13:31	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.5**	°C	1	05/06/2025 13:31	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.63**	mg/L	1	05/06/2025 13:31	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.97**		1	05/06/2025 13:31	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**422**	mg/L	1	05/07/2025 12:35	R364602
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/07/2025 12:35	R364602
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**558**	mg/L	1	05/07/2025 17:34	R364710
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.34**	mg/L	10	05/07/2025 15:11	R364652
Chloride	NELAP	1.00	5.00		**39.7**	mg/L	10	05/07/2025 15:11	R364652
Sulfate	NELAP	0.99	10.0		**279**	mg/L	10	05/07/2025 15:11	R364652
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**140**	mg/L	1	05/08/2025 15:04	238743
Magnesium	NELAP	0.006	0.050		**70.0**	mg/L	1	05/08/2025 15:04	238743
Potassium	NELAP	0.040	0.100		**1.15**	mg/L	1	05/08/2025 15:04	238743
Sodium	NELAP	0.018	0.050		**56.9**	mg/L	1	05/08/2025 15:04	238743
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/08/2025 15:06	238743
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/08/2025 15:06	238743
Barium	NELAP	0.7	1.0		**155**	µg/L	5	05/09/2025 10:54	238743
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/08/2025 15:06	238743
Boron	NELAP	9.2	20.0		**59.8**	µg/L	5	05/08/2025 15:06	238743
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/08/2025 15:06	238743
Chromium	NELAP	0.7	1.5		**< 1.5**	µg/L	5	05/08/2025 15:06	238743
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/08/2025 15:06	238743
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/08/2025 15:06	238743
Lithium	*	1.4	3.0		**9.1**	µg/L	5	05/08/2025 15:06	238743
Molybdenum	NELAP	0.6	1.5		**1.6**	µg/L	5	05/08/2025 15:06	238743
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/08/2025 15:06	238743
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/08/2025 15:06	238743
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/08/2025 12:25	238747

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-056 **Client Sample ID:** G284

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 9:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.72**	ft	1	05/06/2025 9:45	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.5**	NTU	1	05/06/2025 9:45	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**200**	mV	1	05/06/2025 9:45	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**621**	µS/cm	1	05/06/2025 9:45	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.9**	°C	1	05/06/2025 9:45	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.52**	mg/L	1	05/06/2025 9:45	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.92**		1	05/06/2025 9:45	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**294**	mg/L	1	05/07/2025 12:12	R364602
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/07/2025 12:12	R364602
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**158**	mg/L	1	05/07/2025 17:28	R364710
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.42**	mg/L	10	05/07/2025 15:46	R364652
Chloride	NELAP	1.00	5.00		**19.8**	mg/L	10	05/07/2025 15:46	R364652
Sulfate	NELAP	0.99	10.0		**50.7**	mg/L	10	05/07/2025 15:46	R364652
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**63.8**	mg/L	1	05/08/2025 15:04	238743
Magnesium	NELAP	0.006	0.050		**29.6**	mg/L	1	05/08/2025 15:04	238743
Potassium	NELAP	0.040	0.100		**0.616**	mg/L	1	05/08/2025 15:04	238743
Sodium	NELAP	0.018	0.050		**49.2**	mg/L	1	05/08/2025 15:04	238743
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/08/2025 15:12	238743
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/08/2025 15:12	238743
Barium	NELAP	0.7	1.0		**64.8**	µg/L	5	05/09/2025 11:01	238743
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/08/2025 15:12	238743
Boron	NELAP	9.2	20.0		**43.8**	µg/L	5	05/08/2025 15:12	238743
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/08/2025 15:12	238743
Chromium	NELAP	0.7	1.5		**2.5**	µg/L	5	05/08/2025 15:12	238743
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/08/2025 15:12	238743
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/08/2025 15:12	238743
Lithium	*	1.4	3.0		**8.3**	µg/L	5	05/08/2025 15:12	238743
Molybdenum	NELAP	0.6	1.5		**12.3**	µg/L	5	05/08/2025 15:12	238743
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/08/2025 15:12	238743
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/08/2025 15:12	238743
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/08/2025 12:28	238747

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-057 **Client Sample ID:** G285

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.32**	ft	1	05/07/2025 11:15	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**34**	NTU	1	05/07/2025 11:15	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**83**	mV	1	05/07/2025 11:15	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2190**	µS/cm	1	05/07/2025 11:15	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.0**	°C	1	05/07/2025 11:15	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.71**	mg/L	1	05/07/2025 11:15	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.54**		1	05/07/2025 11:15	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**614**	mg/L	1	05/08/2025 11:28	R364657
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/08/2025 11:28	R364657
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**1530**	mg/L	1	05/10/2025 16:45	R365217
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.34**	mg/L	10	05/08/2025 13:01	R364695
Chloride	NELAP	1.00	5.00		**26.1**	mg/L	10	05/08/2025 13:01	R364695
Sulfate	NELAP	0.99	10.0		**697**	mg/L	10	05/08/2025 13:01	R364695
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**274**	mg/L	1	05/09/2025 18:01	238803
Magnesium	NELAP	0.006	0.050	S	**92.6**	mg/L	1	05/09/2025 18:01	238803
Potassium	NELAP	0.040	0.100		**2.19**	mg/L	1	05/09/2025 18:01	238803
Sodium	NELAP	0.018	0.050	S	**139**	mg/L	1	05/09/2025 18:01	238803
Matrix spike control limits for Ca,Mg, and Na are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/09/2025 17:14	238803
Arsenic	NELAP	0.4	1.0	J	**0.6**	µg/L	5	05/09/2025 17:14	238803
Barium	NELAP	2.8	4.0		**51.9**	µg/L	20	05/12/2025 13:55	238803
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/09/2025 17:14	238803
Boron	NELAP	9.2	20.0		**118**	µg/L	5	05/09/2025 17:14	238803
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/09/2025 17:14	238803
Chromium	NELAP	0.7	1.5	J	**0.7**	µg/L	5	05/09/2025 17:14	238803
Cobalt	NELAP	0.1	1.0		**5.9**	µg/L	5	05/09/2025 17:14	238803
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/09/2025 17:14	238803
Lithium	*	1.4	3.0		**6.4**	µg/L	5	05/09/2025 17:14	238803
Molybdenum	NELAP	0.6	1.5		**3.1**	µg/L	5	05/09/2025 17:14	238803
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/12/2025 12:21	238803
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/09/2025 17:14	238803
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/09/2025 12:31	238795

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-091 **Client Sample ID:** X201

Matrix: LEACHATE **Collection Date:** 05/08/2025 9:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**27.16**	ft	1	05/08/2025 9:56	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**1.5**	NTU	1	05/08/2025 9:56	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**235**	mV	1	05/08/2025 9:56	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**20400**	µS/cm	1	05/08/2025 9:56	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.1**	°C	1	05/08/2025 9:56	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**9.58**	mg/L	1	05/08/2025 9:56	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.62**		1	05/08/2025 9:56	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**9**	mg/L	1	05/12/2025 11:58	R364797
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/12/2025 11:58	R364797
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	800	1000	BH	**12800**	mg/L	50	05/29/2025 14:52	R365837
Stability in the final weights could not be achieved after multiple cycles of drying, cooling, and weighing.									
Sample result(s) exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		**31.6**	mg/L	10	05/09/2025 12:59	R364707
Chloride	NELAP	1.00	5.00		**1060**	mg/L	10	05/09/2025 12:59	R364707
Sulfate	NELAP	9.90	100		**13500**	mg/L	100	05/12/2025 23:48	R364783
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.047	0.100		**353**	mg/L	1	05/13/2025 22:33	238907
Magnesium	NELAP	0.010	0.050		**1070**	mg/L	1	05/13/2025 22:33	238907
Potassium	NELAP	0.800	2.00		**135**	mg/L	20	05/15/2025 13:11	238907
Sodium	NELAP	0.021	0.050		**685**	mg/L	1	05/13/2025 22:33	238907
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/12/2025 18:16	238907
Arsenic	NELAP	0.4	1.0		**2.4**	µg/L	5	05/12/2025 18:16	238907
Barium	NELAP	0.7	1.0		**31.7**	µg/L	5	05/13/2025 10:42	238907
Beryllium	NELAP	0.2	1.0		**1.2**	µg/L	5	05/12/2025 18:16	238907
Boron	NELAP	9.2	20.0		**34800**	µg/L	5	05/12/2025 18:16	238907
Cadmium	NELAP	0.2	1.0		**14.6**	µg/L	5	05/13/2025 10:42	238907
Chromium	NELAP	0.7	1.5		**< 1.5**	µg/L	5	05/12/2025 18:16	238907
Cobalt	NELAP	0.1	1.0		**47.9**	µg/L	5	05/12/2025 18:16	238907
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/12/2025 18:16	238907
Lithium	*	1.4	3.0		**262**	µg/L	5	05/12/2025 18:16	238907
Molybdenum	NELAP	0.6	1.5		**79.2**	µg/L	5	05/12/2025 18:16	238907
Selenium	NELAP	0.6	1.0		**238**	µg/L	5	05/13/2025 10:42	238907
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/12/2025 18:16	238907
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/12/2025 17:24	238876

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-093 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 05/08/2025 9:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**2**	mg/L	1	05/15/2025 10:33	R365035
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/15/2025 10:33	R365035
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	05/10/2025 14:11	R365004
QC recovered outside the acceptance criteria. Run is validated by passing LCS.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		**ND**	mg/L	10	05/09/2025 13:25	R364707
Chloride	NELAP	1.00	5.00		**ND**	mg/L	10	05/09/2025 13:25	R364707
Sulfate	NELAP	0.99	10.0		**ND**	mg/L	10	05/09/2025 13:25	R364707
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.047	0.100		**< 0.100**	mg/L	1	05/13/2025 22:35	238907
Magnesium	NELAP	0.010	0.050	J	**0.025**	mg/L	1	05/13/2025 22:35	238907
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	05/13/2025 22:35	238907
Sodium	NELAP	0.021	0.050	J	**0.037**	mg/L	1	05/13/2025 22:35	238907
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/12/2025 19:32	238907
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/12/2025 19:32	238907
Barium	NELAP	0.7	1.0		**< 1.0**	µg/L	5	05/13/2025 10:17	238907
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/12/2025 19:32	238907
Boron	NELAP	9.2	20	J	**16**	µg/L	5	05/12/2025 19:32	238907
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/12/2025 19:32	238907
Chromium	NELAP	0.7	1.5		**< 1.5**	µg/L	5	05/12/2025 19:32	238907
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/12/2025 19:32	238907
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/12/2025 19:32	238907
Lithium	*	1.4	3.0		**< 3.0**	µg/L	5	05/12/2025 19:32	238907
Molybdenum	NELAP	0.6	1.5		**< 1.5**	µg/L	5	05/12/2025 19:32	238907
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/13/2025 10:17	238907
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/12/2025 19:32	238907
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 for Sn. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/12/2025 17:26	238876

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-099 **Client Sample ID:** G270 Duplicate

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 10:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**2.25**	ft	1	05/07/2025 10:22	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**3.1**	NTU	1	05/07/2025 10:22	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**63**	mV	1	05/07/2025 10:22	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**780**	µS/cm	1	05/07/2025 10:22	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.8**	°C	1	05/07/2025 10:22	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.81**	mg/L	1	05/07/2025 10:22	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.90**		1	05/07/2025 10:22	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**326**	mg/L	1	05/08/2025 11:04	R364657
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/08/2025 11:04	R364657
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		**450**	mg/L	1	05/10/2025 15:42	R365217
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	**0.35**	mg/L	10	05/08/2025 13:52	R364695
Chloride	NELAP	1.00	5.00		**14.1**	mg/L	10	05/08/2025 13:52	R364695
Sulfate	NELAP	0.99	10.0		**55.3**	mg/L	10	05/08/2025 13:52	R364695
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**62.1**	mg/L	1	05/09/2025 18:16	238803
Magnesium	NELAP	0.006	0.050		**25.0**	mg/L	1	05/09/2025 18:16	238803
Potassium	NELAP	0.040	0.100		**0.714**	mg/L	1	05/09/2025 18:16	238803
Sodium	NELAP	0.018	0.050	S	**71.5**	mg/L	1	05/09/2025 18:16	238803
Matrix spike control limits for Ca and Na are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/09/2025 19:31	238803
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/09/2025 19:31	238803
Barium	NELAP	1.4	2.0		**53.5**	µg/L	10	05/13/2025 10:48	238803
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/12/2025 15:22	238803
Boron	NELAP	9.2	20.0		**< 20.0**	µg/L	5	05/09/2025 19:31	238803
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/09/2025 19:31	238803
Chromium	NELAP	0.7	1.5		**< 1.5**	µg/L	5	05/09/2025 19:31	238803
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/09/2025 19:31	238803
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/09/2025 19:31	238803
Lithium	*	1.4	3.0		**3.1**	µg/L	5	05/12/2025 15:22	238803
Molybdenum	NELAP	0.6	1.5	J	**0.7**	µg/L	5	05/09/2025 19:31	238803
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/12/2025 15:22	238803
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/09/2025 19:31	238803
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/09/2025 12:47	238795

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

Lab ID: 25041418-100 **Client Sample ID:** G279 Duplicate

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 13:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**19.89**	ft	1	05/05/2025 13:10	R364825
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**< 1.0**	NTU	1	05/05/2025 13:10	R364825
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**186**	mV	1	05/05/2025 13:10	R364825
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**646**	µS/cm	1	05/05/2025 13:10	R364825
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.8**	°C	1	05/05/2025 13:10	R364825
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**7.64**	mg/L	1	05/05/2025 13:10	R364825
SW-846 9040B FIELD									
pH	*	0	1.00		**6.90**		1	05/05/2025 13:10	R364825
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**376**	mg/L	1	05/06/2025 14:07	R364520
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	05/06/2025 14:07	R364520
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20	H	**1110**	mg/L	1	06/02/2025 17:03	R365986
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		**0.55**	mg/L	10	05/06/2025 16:17	R364557
Chloride	NELAP	1.00	5.00		**46.2**	mg/L	10	05/06/2025 16:17	R364557
Sulfate	NELAP	0.99	10.0		**404**	mg/L	10	05/06/2025 16:17	R364557
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**136**	mg/L	1	05/06/2025 10:47	238652
Magnesium	NELAP	0.006	0.050	S	**70.4**	mg/L	1	05/06/2025 10:47	238652
Potassium	NELAP	0.040	0.100		**0.434**	mg/L	1	05/06/2025 10:47	238652
Sodium	NELAP	0.018	0.050		**46.4**	mg/L	1	05/06/2025 10:47	238652
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/06/2025 18:16	238652
Arsenic	NELAP	0.4	1.0		**< 1.0**	µg/L	5	05/06/2025 18:16	238652
Barium	NELAP	0.7	1.0		**64.7**	µg/L	5	05/07/2025 15:02	238652
Beryllium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/06/2025 18:16	238652
Boron	NELAP	9.2	20.0		**345**	µg/L	5	05/06/2025 18:16	238652
Cadmium	NELAP	0.2	1.0		**< 1.0**	µg/L	5	05/06/2025 18:16	238652
Chromium	NELAP	0.7	1.5		**< 1.5**	µg/L	5	05/06/2025 18:16	238652
Cobalt	NELAP	0.1	1.0		**< 1.0**	µg/L	5	05/06/2025 18:16	238652
Lead	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/06/2025 18:16	238652
Lithium	*	1.4	3.0	J	**2.0**	µg/L	5	05/06/2025 18:16	238652
Molybdenum	NELAP	0.6	1.5		**< 1.5**	µg/L	5	05/06/2025 18:16	238652
Selenium	NELAP	0.6	1.0		**< 1.0**	µg/L	5	05/06/2025 18:16	238652
Thallium	NELAP	1.0	2.0		**< 2.0**	µg/L	5	05/06/2025 18:16	238652
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		**< 0.20**	µg/L	1	05/06/2025 18:56	238653

Sample Summary

Client: Ramboll
Client Project: COF-25Q2

Work Order: 25041418
Report Date: 17-Jun-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25041418-042	G270	Groundwater	6	05/07/2025 10:22
25041418-043	G271	Groundwater	6	05/07/2025 9:50
25041418-045	G273	Groundwater	6	05/05/2025 11:01
25041418-047	G275	Groundwater	6	04/29/2025 12:01
25041418-048	G275D	Groundwater	3	04/29/2025 10:43
25041418-049	G276	Groundwater	6	04/29/2025 13:12
25041418-050	G277	Groundwater	6	05/05/2025 12:17
25041418-052	G279	Groundwater	6	05/05/2025 13:10
25041418-053	G280	Groundwater	6	05/05/2025 13:55
25041418-055	G283	Groundwater	3	05/06/2025 13:31
25041418-056	G284	Groundwater	3	05/06/2025 9:45
25041418-057	G285	Groundwater	3	05/07/2025 11:15
25041418-091	X201	Leachate	3	05/08/2025 9:56
25041418-093	Field Blank	Aqueous	18	05/08/2025 9:20
25041418-099	G270 Duplicate	Groundwater	6	05/07/2025 10:22
25041418-100	G279 Duplicate	Groundwater	6	05/05/2025 13:10

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

STANDARD METHODS 2510 B FIELD

Batch R364825 **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		**1410**	1412	0	100.0	90	110	04/29/2025

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-1-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	04/29/2025

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-1-PY

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	04/29/2025

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-2-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.4	90	110	04/30/2025

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-2-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.6	90	110	05/01/2025

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-2-PY

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	04/30/2025

Batch R364825 **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	100.4	90	110	05/01/2025

Batch R364825 **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		**1420**	1412	0	100.5	90	110	05/02/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

STANDARD METHODS 2510 B FIELD

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-3-PY

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	05/01/2025

Batch R364825 **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	100.4	90	110	05/02/2025

Batch R364825 **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	05/05/2025

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-4-PY

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	05/02/2025

Batch R364825 **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		**1420**	1412	0	100.4	90	110	05/02/2025

Batch R364825 **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		**1400**	1412	0	99.2	90	110	05/06/2025

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-5-PY

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	05/05/2025

Batch R364825 **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		**1400**	1412	0	99.0	90	110	05/07/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

STANDARD METHODS 2510 B FIELD

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-6-PY

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	05/06/2025

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-7-PY

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	05/07/2025

Batch R364825 **SampType:** LCS Units **µS/cm**
SampID: LCS-8-PY

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	05/08/2025

SW-846 9040B FIELD

Batch R364825 **SampType:** LCS Units
SampID: LCS-1-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	04/29/2025

Batch R364825 **SampType:** LCS Units
SampID: LCS-1-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.03**	7.000	0	100.4	98.57	101.4	04/29/2025

Batch R364825 **SampType:** LCS Units
SampID: LCS-1-PY

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.07**	7.000	0	101.0	98.57	101.4	04/29/2025

Batch R364825 **SampType:** LCS Units
SampID: LCS-2-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	04/30/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9040B FIELD

Batch R364825 **SampType:** LCS Units
SampID: LCS-2-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.05**	7.000	0	100.7	98.57	101.4	05/01/2025

Batch R364825 **SampType:** LCS Units
SampID: LCS-2-PY

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	04/30/2025

Batch R364825 **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	05/01/2025

Batch R364825 **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		**6.99**	7.000	0	99.9	98.57	101.4	05/02/2025

Batch R364825 **SampType:** LCS Units
SampID: LCS-3-PY

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	05/01/2025

Batch R364825 **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		**7.00**	7.000	0	100.0	98.57	101.4	05/02/2025

Batch R364825 **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		**6.97**	7.000	0	99.6	98.57	101.4	05/05/2025

Batch R364825 **SampType:** LCS Units
SampID: LCS-4-PY

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	05/02/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

SW-846 9040B FIELD

Batch R364825 **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		**7.00**	7.000	0	100.0	98.57	101.4	05/02/2025

Batch R364825 **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		**7.03**	7.000	0	100.4	98.57	101.4	05/06/2025

Batch R364825 **SampType:** LCS Units

SampID: LCS-5-PY

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	05/05/2025

Batch R364825 **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		**7.04**	7.000	0	100.6	98.57	101.4	05/07/2025

Batch R364825 **SampType:** LCS Units

SampID: LCS-6-PY

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	05/06/2025

Batch R364825 **SampType:** LCS Units

SampID: LCS-7-PY

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	05/07/2025

Batch R364825 **SampType:** LCS Units

SampID: LCS-8-PY

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	05/08/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

EPA 1664A

Batch R364954 **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**	3.600	0	0	-100	100	05/14/2025

Batch R364954 **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		**38**	40.00	0	94.2	78	114	05/14/2025

Batch R364954 **SampType:** MS Units **mg/L**
SampID: 25050585-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material		6	S	**31**	44.92	0	69.5	78	114	05/14/2025

EPA 600 350.1 (TOTAL)

Batch R364375 **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	05/02/2025

Batch R364375 **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		**1.06**	1.000	0	106.0	90	110	05/02/2025

Batch R364375 **SampType:** MS Units **mg/L**
SampID: 25042655-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.03**	2.000	0.1790	92.6	90	110	05/02/2025

Batch R364375 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042655-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.05**	2.000	0.1790	93.4	2.031	0.78	05/02/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

EPA 600 350.1 (TOTAL)

Batch R364375 **SampType:** MS Units **mg/L**
SampID: 25042734-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.93**	2.000	0.04650	94.0	90	110	05/02/2025

Batch R364375 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042734-001AMSD

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	0.04650	93.6	1.926	0.36	05/02/2025

Batch R364375 **SampType:** MS Units **mg/L**
SampID: 25042734-011AMS

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	0.08250	91.9	90	110	05/02/2025

Batch R364375 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042734-011AMSD

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	0.08250	92.5	1.921	0.56	05/02/2025

Batch R364453 **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	05/05/2025

Batch R364453 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.04**	1.000	0	103.8	90	110	05/05/2025

Batch R364453 **SampType:** MS Units **mg/L**
SampID: 25050177-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.11**	2.000	0.2614	92.2	90	110	05/05/2025

Batch R364453 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050177-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.13**	2.000	0.2614	93.4	2.106	1.11	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

EPA 600 350.1 (TOTAL)

Batch R364453 **SampType:** MS Units **mg/L**
SampID: 25050219-001HMS

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	0.04210	92.0	90	110	05/05/2025

Batch R364453 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050219-001HMSD

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	0.04210	91.7	1.882	0.31	05/05/2025

Batch R364453 **SampType:** MS Units **mg/L**
SampID: 25050355-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.88**	2.000	0	93.8	90	110	05/05/2025

Batch R364453 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050355-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.88**	2.000	0	94.0	1.875	0.23	05/05/2025

Batch R364502 **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	05/06/2025

Batch R364502 **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		**1.07**	1.000	0	106.7	90	110	05/06/2025

Batch R364502 **SampType:** MS Units **mg/L**
SampID: 25050248-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**9.85**	10.00	0.7329	91.2	90	110	05/06/2025

Batch R364502 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050248-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**9.89**	10.00	0.7329	91.5	9.851	0.37	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

EPA 600 350.1 (TOTAL)

Batch R364502 **SampType:** MS Units **mg/L**
SampID: 25050297-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.92**	2.000	0.1329	89.4	90	110	05/06/2025

Batch R364502 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050297-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.91**	2.000	0.1329	89.0	1.922	0.47	05/06/2025

Batch R364502 **SampType:** MS Units **mg/L**
SampID: 25050317-001AMS

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	0.03270	91.4	90	110	05/06/2025

Batch R364502 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050317-001AMSD

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	0.03270	91.3	1.860	0.10	05/06/2025

Batch R364861 **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	05/12/2025

Batch R364861 **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	99.7	90	110	05/12/2025

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25050437-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**13.6**	10.00	4.020	96.1	90	110	05/12/2025

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050437-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**13.7**	10.00	4.020	97.1	13.63	0.72	05/12/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

EPA 600 350.1 (TOTAL)

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25050511-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.45**	2.000	0.5758	93.5	90	110	05/13/2025

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050511-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.47**	2.000	0.5758	94.7	2.446	0.94	05/13/2025

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25050611-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**14.2**	10.00	4.352	98.2	90	110	05/12/2025

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050611-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**14.1**	10.00	4.352	97.1	14.17	0.78	05/12/2025

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25050918-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.83**	2.000	0	91.6	90	110	05/13/2025

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050918-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.84**	2.000	0	92.1	1.832	0.59	05/13/2025

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25050919-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.97**	2.000	0.09530	93.7	90	110	05/13/2025

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050919-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.97**	2.000	0.09530	93.8	1.969	0.07	05/13/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

EPA 600 350.1 (TOTAL)

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25050966-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.98**	2.000	0.2142	88.1	90	110	05/12/2025

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050966-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**2.01**	2.000	0.2142	89.6	1.976	1.48	05/12/2025

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25050966-011EMS

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	0.09200	90.6	90	110	05/12/2025

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050966-011EMSD

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	0.09200	92.3	1.904	1.76	05/12/2025

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25051060-001EMS

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	92.9	90	110	05/12/2025

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25051060-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.84**	2.000	0	92.2	1.858	0.74	05/12/2025

Batch R365030 **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	05/15/2025

Batch R365030 **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		**1.05**	1.000	0	104.8	90	110	05/15/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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EPA 600 350.1 (TOTAL)

Batch R365030 **SampType:** MS Units **mg/L**
SampID: 25050919-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.01**	2.000	0.1228	94.3	90	110	05/15/2025

Batch R365030 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050919-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.97**	2.000	0.1228	92.5	2.008	1.80	05/15/2025

Batch R365030 **SampType:** MS Units **mg/L**
SampID: 25050922-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.63**	2.000	0.04420	79.3	90	110	05/15/2025

Batch R365030 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050922-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.62**	2.000	0.04420	79.0	1.630	0.37	05/15/2025

EPA 600 365.4 (TOTAL)

Batch 238923 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250509 TP7

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Total (as P)		0.100		**< 0.100**	0.0660	0	0	-100	100	05/12/2025

Batch 238923 **SampType:** LCS Units **mg/L**
SampID: LCS 250509 TP7

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Total (as P)		0.100		**0.887**	1.000	0	88.7	85	115	05/12/2025

Batch 238923 **SampType:** MS Units **mg/L**
SampID: 25050689-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Total (as P)		2.50		**38.9**	25.00	16.45	89.8	85	115	05/12/2025

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Client: Ramboll
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EPA 600 365.4 (TOTAL)

Batch 238923 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050689-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Total (as P)		2.50		**38.8**	25.00	16.45	89.4	38.90	0.26	05/12/2025

Batch 238923 **SampType:** MS Units **mg/L**
SampID: 25050710-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Total (as P)		0.500		**6.68**	5.000	2.165	90.3	85	115	05/12/2025

Batch 238923 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050710-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Total (as P)		0.500		**6.60**	5.000	2.165	88.6	6.680	1.28	05/12/2025

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Batch R364268 **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	05/01/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/01/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	04/30/2025

Batch R364268 **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	04/30/2025
Total Dissolved Solids		20		**936**	1000	0	93.6	90	110	05/01/2025
Total Dissolved Solids		20		**972**	1000	0	97.2	90	110	05/01/2025

Batch R364268 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25041418-016ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**628**				610.0	2.91	05/01/2025

Batch R364268 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25042308-007CDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**168**				156.0	7.41	04/30/2025

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Client: Ramboll
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Batch R364430 **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	05/02/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/02/2025

Batch R364430 **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		**230**	250.0	0	92.0	90	110	05/02/2025
Total Dissolved Solids		20		**956**	1000	0	95.6	90	110	05/02/2025

Batch R364430 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25041418-034ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**498**				500.0	0.40	05/02/2025

Batch R364430 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25042694-001BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**580**				608.0	4.71	05/02/2025

Batch R364430 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25042694-004BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**606**				620.0	2.28	05/02/2025

Batch R364527 **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	05/05/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/05/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/05/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/05/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/05/2025

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Client: Ramboll
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Batch R364527 **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	05/05/2025
Total Dissolved Solids		20		**926**	1000	0	92.6	90	110	05/05/2025
Total Dissolved Solids		20		**918**	1000	0	91.8	90	110	05/05/2025
Total Dissolved Solids		20		**960**	1000	0	96.0	90	110	05/05/2025
Total Dissolved Solids		20		**922**	1000	0	92.2	90	110	05/05/2025

Batch R364527 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25041418-009ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**466**				482.0	3.38	05/05/2025

Batch R364527 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25041418-010ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**494**				506.0	2.40	05/05/2025

Batch R364527 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25041114-014ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**1110**				1098	1.27	05/05/2025

Batch R364527 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25041114-015ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**1070**				1098	2.21	05/05/2025

Batch R364527 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25042584-006BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**890**				896.0	0.67	05/05/2025

Batch R364527 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25042584-007BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**358**				346.0	3.41	05/05/2025

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Batch R364527 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25042690-010BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**390**				370.0	5.26	05/05/2025

Batch R364527 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050014-003BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1070**				1036	3.60	05/05/2025

Batch R364528 **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	05/05/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/05/2025

Batch R364528 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**962**	1000	0	96.2	90	110	05/05/2025
Total Dissolved Solids		20		**920**	1000	0	92.0	90	110	05/05/2025

Batch R364528 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050014-002BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**446**				446.0	0.00	05/05/2025

Batch R364528 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050214-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**408**				404.0	0.99	05/05/2025

Batch R364710 **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	05/07/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/07/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/07/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/08/2025

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Client: Ramboll
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Client Project: COF-25Q2
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STANDARD METHODS 2540 C (TOTAL) 2015

Batch R364710 **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	05/07/2025
Total Dissolved Solids		20		**912**	1000	0	91.2	90	110	05/07/2025
Total Dissolved Solids		20		**938**	1000	0	93.8	90	110	05/08/2025
Total Dissolved Solids		20		**922**	1000	0	92.2	90	110	05/07/2025

Batch R364710 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050151-006DDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**824**				786.0	4.72	05/07/2025

Batch R364710 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050376-004BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**626**				586.0	6.60	05/08/2025

Batch R364710 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050408-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**1620**				1505	7.05	05/07/2025

Batch R365004 **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	05/10/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/09/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/10/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/10/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/09/2025

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Batch R365004 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**910**	1000	0	91.0	90	110	05/10/2025
Total Dissolved Solids		20		**914**	1000	0	91.4	90	110	05/09/2025
Total Dissolved Solids		20		**930**	1000	0	93.0	90	110	05/09/2025
Total Dissolved Solids		20		**918**	1000	0	91.8	90	110	05/10/2025
Total Dissolved Solids		20		**916**	1000	0	91.6	90	110	05/10/2025

Batch R365004 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25040374-002EDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1360**				1344	1.04	05/09/2025

Batch R365004 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050826-025ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**560**				558.0	0.36	05/09/2025

Batch R365004 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050900-004ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**92**				92.00	0.00	05/10/2025

Batch R365004 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050966-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**482**				470.0	2.52	05/10/2025

Batch R365217 **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	05/10/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/10/2025
Total Dissolved Solids		20	J	**16**	16.00	0	100.0	-100	100	05/10/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/10/2025

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Batch R365217 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**934**	1000	0	93.4	90	110	05/10/2025
Total Dissolved Solids		20		**910**	1000	0	91.0	90	110	05/10/2025
Total Dissolved Solids		20		**916**	1000	0	91.6	90	110	05/10/2025
Total Dissolved Solids		20		**916**	1000	0	91.6	90	110	05/10/2025

Batch R365217 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25042658-004ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50	H	**5210**				5535	6.05	05/10/2025

Batch R365217 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050389-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**462**				456.0	1.31	05/10/2025

Batch R365217 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050905-008ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**880**				890.0	1.13	05/10/2025

Batch R365565 **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	05/21/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/21/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/21/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/21/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/21/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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STANDARD METHODS 2540 C (TOTAL) 2015

Batch R365565 **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		**234**	250.0	0	93.6	90	110	05/21/2025
Total Dissolved Solids		20		**238**	250.0	0	95.2	90	110	05/21/2025
Total Dissolved Solids		20		**240**	250.0	0	96.0	90	110	05/21/2025
Total Dissolved Solids		20		**258**	250.0	0	103.2	90	110	05/21/2025
Total Dissolved Solids		20		**242**	250.0	0	96.8	90	110	05/21/2025

Batch R365565 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050491-007BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**386**				386.0	0.00	05/21/2025

Batch R365565 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050491-009BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**674**				688.0	2.06	05/21/2025

Batch R365565 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050826-023ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**510**				506.0	0.79	05/21/2025

Batch R365565 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25051440-017ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**714**				710.0	0.56	05/21/2025

Batch R365565 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25051498-003CDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**3830**				3848	0.47	05/21/2025

Batch R365565 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25051507-001CDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**354**				362.0	2.23	05/21/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

STANDARD METHODS 2540 C (TOTAL) 2015

Batch R365835 **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	05/28/2025

Batch R365835 **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		**252**	250.0	0	100.8	90	110	05/28/2025

Batch R365835 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25051387-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		200	H	**22100**				22460	1.71	05/28/2025

Batch R365837 **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	JS	**18**	16.00	0	112.5	-100	100	05/29/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/29/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/29/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/29/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/29/2025

Batch R365837 **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		**230**	250.0	0	92.0	90	110	05/29/2025
Total Dissolved Solids		20		**238**	250.0	0	95.2	90	110	05/29/2025
Total Dissolved Solids		20		**240**	250.0	0	96.0	90	110	05/29/2025
Total Dissolved Solids		20	B	**256**	250.0	0	102.4	90	110	05/29/2025
Total Dissolved Solids		20		**256**	250.0	0	102.4	90	110	05/29/2025

Batch R365837 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25040376-002BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	BH	**2510**				2542	1.11	05/29/2025

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Client: Ramboll
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Client Project: COF-25Q2
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STANDARD METHODS 2540 C (TOTAL) 2015

Batch R365837 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050813-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		100	H	**3330**				3440	3.25	05/29/2025

Batch R365837 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25051581-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50	H	**800**				790.0	1.26	05/29/2025

Batch R365837 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25051581-009ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50	H	**430**				430.0	0.00	05/29/2025

Batch R365837 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25052171-001GDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**2290**				2214	3.29	05/29/2025

Batch R365986 **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	06/02/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	06/02/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	06/02/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	06/02/2025

Batch R365986 **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		**238**	250.0	0	95.2	90	110	06/02/2025
Total Dissolved Solids		20		**248**	250.0	0	99.2	90	110	06/02/2025
Total Dissolved Solids		20		**252**	250.0	0	100.8	90	110	06/02/2025
Total Dissolved Solids		20		**244**	250.0	0	97.6	90	110	06/02/2025

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STANDARD METHODS 2540 C (TOTAL) 2015

Batch R365986 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050515-001BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**3250**				3158	2.87	06/02/2025

Batch R365986 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050599-002BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**684**				662.0	3.27	06/02/2025

Batch R365986 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050686-002FDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**412**				408.0	0.98	06/02/2025

Batch R365986 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25051088-003BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**388**				390.0	0.51	06/02/2025

Batch R366397 **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	06/09/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	06/09/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	06/09/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	06/09/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	06/10/2025

Batch R366397 **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		**226**	250.0	0	90.4	90	110	06/09/2025
Total Dissolved Solids		20		**240**	250.0	0	96.0	90	110	06/09/2025
Total Dissolved Solids		20		**258**	250.0	0	103.2	90	110	06/09/2025
Total Dissolved Solids		20		**262**	250.0	0	104.8	90	110	06/09/2025
Total Dissolved Solids		20		**252**	250.0	0	100.8	90	110	06/10/2025

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Client Project: COF-25Q2
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Batch R366397 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050295-006BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**350**				348.0	0.57	06/09/2025

Batch R366397 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25060129-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		200	H	**34600**				33520	3.17	06/09/2025

Batch R366397 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25060155-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		25	H	**3260**				3320	1.67	06/09/2025

Batch R366397 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25060159-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**1780**				1786	0.11	06/09/2025

Batch R366397 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25060609-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**2120**				2066	2.77	06/09/2025

Batch R366397 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25060662-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		40		**2860**				2908	1.80	06/09/2025

Batch R366397 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25060662-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		40		**2840**				2824	0.71	06/09/2025

Batch R366397 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25060662-007ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		100		**4010**				4150	3.43	06/09/2025

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Batch R366397 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25060662-014ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1480**				1498	1.07	06/10/2025

STANDARD METHODS 2540 D 1997, 2011

Batch R364958 **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	*	0.5		**< 0.5**	0.3000	0	0	-100	100	05/14/2025
Total Suspended Solids	*	6		**< 6**	4.000	0	0	-100	100	05/14/2025
Total Suspended Solids		6		**< 6**	4.000	0	0	-100	100	05/14/2025
Total Suspended Solids		6		**< 6**	4.000	0	0	-100	100	05/14/2025

Batch R364958 **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		**95**	100.0	0	95.0	85	115	05/14/2025
Total Suspended Solids		6		**107**	100.0	0	107.0	85	115	05/14/2025
Total Suspended Solids		6		**86**	100.0	0	86.0	85	115	05/14/2025

Batch R364958 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 25041418-093EDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6		**< 6**				0	0.00	05/14/2025

Batch R364958 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 25050744-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6		**< 6**				0	0.00	05/14/2025

Batch R364958 **SampType:** DUP Units **mg/L** RPD Limit **15**
SampID: 25050768-004ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids	*	6		**41**				36.75	10.93	05/14/2025

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Batch R364958 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 25050783-003ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6		**25**				25.00	0.00	05/14/2025

Batch R364958 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 25050812-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6		**< 6**				0	0.00	05/14/2025

Batch R364958 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 25051006-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6	RH	**6**				9.000	40.00	05/14/2025

Batch R364958 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 25051109-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids	*	0.9		**6.4**				6.552	2.82	05/14/2025

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

Batch R364375 **SampType:** MS Units **mg/L**
SampID: 25041418-004EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.76**	2.000	0	88.0	90	110	05/02/2025

Batch R364375 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-004EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.78**	2.000	0	89.0	1.760	1.08	05/02/2025

Batch R364375 **SampType:** MS Units **mg/L**
SampID: 25041418-014EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.78**	2.000	0	88.9	90	110	05/02/2025

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

Batch R364375 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-014EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.79**	2.000	0	89.3	1.778	0.50	05/02/2025

Batch R364375 **SampType:** MS Units **mg/L**
SampID: 25042689-001OMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.81**	2.000	0	90.6	90	110	05/02/2025

Batch R364375 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042689-001OMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.82**	2.000	0	90.8	1.813	0.13	05/02/2025

Batch R364375 **SampType:** MS Units **mg/L**
SampID: 25042694-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.81**	2.000	0	90.5	90	110	05/02/2025

Batch R364375 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042694-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.83**	2.000	0	91.4	1.811	0.98	05/02/2025

Batch R364375 **SampType:** MS Units **mg/L**
SampID: 25042694-011EMS

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	93.9	90	110	05/02/2025

Batch R364375 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042694-011EMSD

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	93.7	1.877	0.20	05/02/2025

Batch R364375 **SampType:** MS Units **mg/L**
SampID: 25050014-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.93**	2.000	0.03600	94.8	90	110	05/02/2025

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

Batch R364375 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050014-001EMSD

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	0.03600	94.4	1.932	0.47	05/02/2025

Batch R364375 **SampType:** MS Units **mg/L**
SampID: 25050053-005GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**3.60**	2.000	1.788	90.4	90	110	05/03/2025

Batch R364375 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050053-005GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**3.59**	2.000	1.788	90.0	3.596	0.22	05/03/2025

Batch R364453 **SampType:** MS Units **mg/L**
SampID: 25042583-001RMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**10.9**	10.00	1.540	94.1	90	110	05/05/2025

Batch R364453 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042583-001RMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**10.9**	10.00	1.540	93.6	10.95	0.41	05/05/2025

Batch R364453 **SampType:** MS Units **mg/L**
SampID: 25042584-009GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**14.5**	10.00	5.087	93.9	90	110	05/05/2025

Batch R364453 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042584-009GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**14.5**	10.00	5.087	94.3	14.48	0.26	05/05/2025

Batch R364453 **SampType:** MS Units **mg/L**
SampID: 25042690-005GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**15.5**	10.00	6.158	93.0	90	110	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364453 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042690-005GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**15.4**	10.00	6.158	92.3	15.46	0.48	05/05/2025

Batch R364453 **SampType:** MS Units **mg/L**
SampID: 25050053-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		1.00		**38.7**	20.00	19.75	94.9	90	110	05/05/2025

Batch R364453 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050053-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		1.00		**38.2**	20.00	19.75	92.4	38.72	1.26	05/05/2025

Batch R364502 **SampType:** MS Units **mg/L**
SampID: 25050376-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.74**	2.000	0.1546	79.5	90	110	05/06/2025

Batch R364502 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050376-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.74**	2.000	0.1546	79.2	1.744	0.32	05/06/2025

Batch R364502 **SampType:** MS Units **mg/L**
SampID: 25050390-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.66**	2.000	0	82.8	90	110	05/06/2025

Batch R364502 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050390-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.69**	2.000	0	84.6	1.656	2.17	05/06/2025

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25040374-001LMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.97**	2.000	0.2114	88.0	90	110	05/12/2025

Teklab, Inc.
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Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040374-001LMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.98**	2.000	0.2114	88.4	1.971	0.46	05/12/2025

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25040374-017LMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.92**	2.000	0	96.0	90	110	05/12/2025

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040374-017LMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.92**	2.000	0	96.0	1.919	0.08	05/12/2025

Batch R364861 **SampType:** MS Units **mg/L**
SampID: 25050804-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.72**	2.000	0	86.1	90	110	05/12/2025

Batch R364861 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050804-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.68**	2.000	0	84.0	1.723	2.53	05/12/2025

Batch R365030 **SampType:** MS Units **mg/L**
SampID: 25040375-031HMS

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	0.05630	93.3	90	110	05/15/2025

Batch R365030 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040375-031HMSD

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	0.05630	92.2	1.922	1.16	05/15/2025

Batch R365030 **SampType:** MS Units **mg/L**
SampID: 25050686-001MMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**10.1**	10.00	0.8048	92.9	90	110	05/15/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R365030 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050686-001MMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**10.1**	10.00	0.8048	93.1	10.10	0.15	05/15/2025

Batch R365030 **SampType:** MS Units **mg/L**
SampID: 25050842-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**9.84**	10.00	0.6808	91.6	90	110	05/15/2025

Batch R365030 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050842-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		**9.87**	10.00	0.6808	91.9	9.840	0.35	05/15/2025

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

Batch R364189 **SampType:** MS Units **mg/L**
SampID: 25041418-015BMS

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	0.005000	92.4	85	115	04/30/2025

Batch R364189 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-015BMSD

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	0.005000	92.4	0.4670	0.00	04/30/2025

Batch R364189 **SampType:** MS Units **mg/L**
SampID: 25042689-003HMS

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	97.0	85	115	04/30/2025

Batch R364189 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042689-003HMSD

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	96.6	0.4900	0.41	04/30/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364189 **SampType:** MS Units **mg/L**
SampID: 25042690-003BMS

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	0.006000	93.4	85	115	04/30/2025

Batch R364189 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042690-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.45**	0.5000	0.006000	89.2	0.4730	4.54	04/30/2025

Batch R364189 **SampType:** MS Units **mg/L**
SampID: 25042690-014BMS

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	0.007000	96.2	85	115	04/30/2025

Batch R364189 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042690-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0.007000	96.0	0.4880	0.21	04/30/2025

Batch R364189 **SampType:** MS Units **mg/L**
SampID: 25042694-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.47**	0.5000	0.006000	92.0	85	115	04/30/2025

Batch R364189 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042694-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.47**	0.5000	0.006000	93.0	0.4660	1.07	04/30/2025

Batch R364189 **SampType:** MS Units **mg/L**
SampID: 25042694-011BMS

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	0.006000	90.0	85	115	04/30/2025

Batch R364189 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042694-011BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0.006000	94.0	0.4560	4.29	04/30/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364189 **SampType:** MS Units **mg/L**
SampID: 25042741-005CMS

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	0.005000	93.6	85	115	04/30/2025

Batch R364189 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042741-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0.005000	90.4	0.4730	3.44	04/30/2025

Batch R364317 **SampType:** MS Units **mg/L**
SampID: 25041418-010BMS

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	05/02/2025

Batch R364317 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-010BMSD

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	98.6	0.5020	1.81	05/02/2025

Batch R364317 **SampType:** MS Units **mg/L**
SampID: 25050138-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	96.0	85	115	05/02/2025

Batch R364317 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050138-001CMSD

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	95.0	0.4800	1.05	05/02/2025

Batch R364317 **SampType:** MS Units **mg/L**
SampID: 25050216-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	98.0	85	115	05/02/2025

Batch R364317 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050216-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	98.0	0.4900	0.00	05/02/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364411 **SampType:** MS Units **mg/L**
SampID: 25041418-018BMS

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	0.006000	90.2	85	115	05/05/2025

Batch R364411 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-018BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0.006000	90.8	0.4570	0.65	05/05/2025

Batch R364591 **SampType:** MS Units **mg/L**
SampID: 25040375-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.44**	0.5000	0.005000	86.0	85	115	05/07/2025

Batch R364591 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040375-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.43**	0.5000	0.005000	85.8	0.4350	0.23	05/07/2025

Batch R364591 **SampType:** MS Units **mg/L**
SampID: 25050491-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.44**	0.5000	0.005000	86.0	85	115	05/07/2025

Batch R364591 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050491-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.43**	0.5000	0.005000	85.6	0.4350	0.46	05/07/2025

Batch R364681 **SampType:** MS Units **mg/L**
SampID: 25040375-003CMS

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	0.007000	91.0	85	115	05/08/2025

Batch R364681 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040375-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0.007000	89.6	0.4620	1.53	05/08/2025

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Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364681 **SampType:** MS Units **mg/L**
SampID: 25040375-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.44**	0.5000	0.006000	87.0	85	115	05/08/2025

Batch R364681 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040375-004CMSD

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	0.006000	86.8	0.4410	0.23	05/08/2025

Batch R364681 **SampType:** MS Units **mg/L**
SampID: 25040375-007CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.45**	0.5000	0.006000	89.2	85	115	05/08/2025

Batch R364681 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040375-007CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0.006000	89.8	0.4520	0.66	05/08/2025

Batch R364681 **SampType:** MS Units **mg/L**
SampID: 25040375-011CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.44**	0.5000	0.006000	86.8	85	115	05/08/2025

Batch R364681 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040375-011CMSD

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	0.006000	86.4	0.4400	0.46	05/08/2025

Batch R364730 **SampType:** MS Units **mg/L**
SampID: 25040375-024CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.48**	0.5000	0.006000	95.0	85	115	05/09/2025

Batch R364730 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040375-024CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.48**	0.5000	0.006000	94.0	0.4810	1.04	05/09/2025

Teklab, Inc.
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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364730 **SampType:** MS Units **mg/L**
SampID: 25050947-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	97.6	85	115	05/09/2025

Batch R364730 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050947-002BMSD

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	96.4	0.4880	1.24	05/09/2025

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

Batch R364189 **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	20.0	-100	100	04/30/2025

Batch R364189 **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	99.2	90	110	04/30/2025

Batch R364189 **SampType:** MS Units **mg/L**
SampID: 25042740-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.45**	0.5000	0.006000	89.2	85	115	04/30/2025

Batch R364189 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042740-001AMSD

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	92.2	0.4520	3.26	04/30/2025

Batch R364317 **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	05/02/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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Batch R364317 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	104.8	90	110	05/02/2025

Batch R364317 **SampType:** MS Units **mg/L**
SampID: 25041418-054AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	96.0	85	115	05/02/2025

Batch R364317 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-054AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.4	0.4800	0.63	05/02/2025

Batch R364411 **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	20.0	-100	100	05/05/2025
Nitrogen, Nitrite (as N)		0.05	J	**0.01**	0.0250	0	20.0	-100	100	05/05/2025

Batch R364411 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	99.5	90	110	05/05/2025
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	98.5	90	110	05/05/2025

Batch R364411 **SampType:** MS Units **mg/L**
SampID: 25050233-001AMS

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	0.01100	90.0	85	115	05/05/2025

Batch R364411 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050233-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0.01100	90.2	0.4610	0.22	05/05/2025

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Client: Ramboll
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Client Project: COF-25Q2
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Batch R364411 **SampType:** MS Units **mg/L**
SampID: 25050281-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.47**	0.5000	0.008000	92.2	85	115	05/05/2025

Batch R364411 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050281-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.46**	0.5000	0.008000	90.6	0.4690	1.72	05/05/2025

Batch R364411 **SampType:** MS Units **mg/L**
SampID: 25050306-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.44**	0.5000	0.006000	87.4	85	115	05/05/2025

Batch R364411 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050306-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.45**	0.5000	0.006000	89.0	0.4430	1.79	05/05/2025

Batch R364591 **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	20.0	-100	100	05/07/2025
Nitrogen, Nitrite (as N)		0.05	J	**0.01**	0.0250	0	20.0	-100	100	05/07/2025

Batch R364591 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.29**	0.3045	0	95.9	90	110	05/07/2025
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	96.9	90	110	05/07/2025

Batch R364591 **SampType:** MS Units **mg/L**
SampID: 25050494-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.44**	0.5000	0.005000	87.8	85	115	05/07/2025

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Batch R364591 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050494-001AMSD

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	0.005000	88.0	0.4440	0.22	05/07/2025

Batch R364591 **SampType:** MS Units **mg/L**
SampID: 25050576-001AMS

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	0.01300	95.0	85	115	05/07/2025

Batch R364591 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050576-001AMSD

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	0.01300	94.4	0.4880	0.62	05/07/2025

Batch R364591 **SampType:** MS Units **mg/L**
SampID: 25050594-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0.006000	98.0	85	115	05/07/2025

Batch R364591 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050594-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0.006000	97.8	0.4960	0.20	05/07/2025

Batch R364681 **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	20.0	-100	100	05/08/2025

Batch R364681 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.28**	0.3045	0	92.6	90	110	05/08/2025

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Batch R364726 **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	20.0	-100	100	05/09/2025
Nitrogen, Nitrite (as N)		0.05	J	**0.01**	0.0250	0	20.0	-100	100	05/09/2025

Batch R364726 **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	101.1	90	110	05/09/2025
Nitrogen, Nitrite (as N)		0.05		**0.31**	0.3045	0	100.5	90	110	05/09/2025

Batch R364726 **SampType:** MS Units **mg/L**
SampID: 25050738-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.44**	0.5000	0.006000	86.8	85	115	05/09/2025

Batch R364726 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050738-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.45**	0.5000	0.006000	88.0	0.4400	1.35	05/09/2025

Batch R364730 **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	05/09/2025

Batch R364730 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.33**	0.3045	0	107.7	90	110	05/09/2025

Batch R364730 **SampType:** MS Units **mg/L**
SampID: 25040374-002EMS

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	0.01000	89.6	85	115	05/09/2025

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Batch R364730 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040374-002EMSD

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	0.01000	91.8	0.4580	2.37	05/09/2025

Batch R364730 **SampType:** MS Units **mg/L**
SampID: 25040374-005EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	SH	**0.12**	0.5000	0	24.4	85	115	05/09/2025

Batch R364730 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040374-005EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	SH	**0.12**	0.5000	0	24.0	0.1220	1.65	05/09/2025

Batch R364730 **SampType:** MS Units **mg/L**
SampID: 25050784-002GMS

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	0.01400	92.6	85	115	05/09/2025

Batch R364730 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050784-002GMSD

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	0.01400	96.0	0.4770	3.50	05/09/2025

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Batch R364174 **SampType:** MS Units **mg/L**
SampID: 25041418-011BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.264**	0.2500	0.01000	101.6	85	115	04/29/2025

Batch R364174 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-011BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.264**	0.2500	0.01000	101.6	0.2640	0.00	04/29/2025

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Batch R364174 **SampType:** MS Units **mg/L**
SampID: 25041418-016BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.750**	0.2500	0.4880	104.8	85	115	04/29/2025

Batch R364174 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-016BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.739**	0.2500	0.4880	100.4	0.7500	1.48	04/29/2025

Batch R364174 **SampType:** MS Units **mg/L**
SampID: 25041418-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.93**	0.5000	1.391	108.0	85	115	04/29/2025

Batch R364174 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.89**	0.5000	1.391	100.2	1.931	2.04	04/29/2025

Batch R364174 **SampType:** MS Units **mg/L**
SampID: 25041418-096BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100	E	**2.04**	0.5000	1.564	94.2	85	115	04/29/2025

Batch R364174 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-096BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100	E	**2.07**	0.5000	1.564	101.6	2.035	1.80	04/29/2025

Batch R364314 **SampType:** MS Units **mg/L**
SampID: 25041418-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**4.39**	1.250	3.230	92.7	85	115	05/01/2025

Batch R364314 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**4.49**	1.250	3.230	100.5	4.389	2.19	05/01/2025

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Batch R364314 **SampType:** MS Units **mg/L**
SampID: 25050053-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.263**	0.2500	0	105.2	90	110	05/01/2025

Batch R364314 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050053-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.244**	0.2500	0	97.6	0.2630	7.50	05/01/2025

Batch R364314 **SampType:** MS Units **mg/L**
SampID: 25050138-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.228**	0.2500	0	91.2	90	110	05/01/2025

Batch R364314 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050138-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.226**	0.2500	0	90.4	0.2280	0.88	05/01/2025

Batch R364354 **SampType:** MS Units **mg/L**
SampID: 25050216-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.463**	0.2500	0.2080	102.0	85	115	05/02/2025

Batch R364354 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050216-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.454**	0.2500	0.2080	98.4	0.4630	1.96	05/02/2025

Batch R364354 **SampType:** MS Units **mg/L**
SampID: 25050216-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**4.73**	1.250	3.501	98.6	85	115	05/02/2025

Batch R364354 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050216-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**4.75**	1.250	3.501	100.2	4.733	0.44	05/02/2025

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Batch R364506 **SampType:** MS Units **mg/L**
SampID: 25050376-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.249**	0.2500	0	99.6	85	115	05/06/2025

Batch R364506 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050376-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.249**	0.2500	0	99.6	0.2490	0.00	05/06/2025

Batch R364506 **SampType:** MS Units **mg/L**
SampID: 25050491-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.403**	0.2500	0.1560	98.8	85	115	05/06/2025

Batch R364506 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050491-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.399**	0.2500	0.1560	97.2	0.4030	1.00	05/06/2025

Batch R364648 **SampType:** MS Units **mg/L**
SampID: 25040375-013CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	**0.405**	0.2500	0.1590	98.4	90	110	05/07/2025

Batch R364648 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040375-013CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	**0.405**	0.2500	0.1590	98.4	0.4050	0.00	05/07/2025

Batch R364648 **SampType:** MS Units **mg/L**
SampID: 25050599-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.452**	0.2500	0.1930	103.6	85	115	05/07/2025

Batch R364648 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050599-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.453**	0.2500	0.1930	104.0	0.4520	0.22	05/07/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364721 **SampType:** MS Units **mg/L**
SampID: 25040375-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.270**	0.2500	0.02600	97.6	90	110	05/08/2025

Batch R364721 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040375-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.273**	0.2500	0.02600	98.8	0.2700	1.10	05/08/2025

Batch R364721 **SampType:** MS Units **mg/L**
SampID: 25040375-023CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.261**	0.2500	0.01300	99.2	90	110	05/08/2025

Batch R364721 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25040375-023CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.256**	0.2500	0.01300	97.2	0.2610	1.93	05/08/2025

Batch R364721 **SampType:** MS Units **mg/L**
SampID: 25050804-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.562**	0.2500	0.3000	104.8	85	115	05/08/2025

Batch R364721 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050804-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.556**	0.2500	0.3000	102.4	0.5620	1.07	05/08/2025

Batch R364721 **SampType:** MS Units **mg/L**
SampID: 25050842-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250	S	**4.49**	1.250	3.023	117.4	85	115	05/08/2025

Batch R364721 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050842-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**4.20**	1.250	3.023	94.3	4.491	6.65	05/08/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364174 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	04/29/2025

Batch R364174 **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		**0.475**	0.5000	0	95.0	90	110	04/29/2025

Batch R364174 **SampType:** MS Units **mg/L**
SampID: 25042607-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.248**	0.2500	0	99.2	90	110	04/29/2025

Batch R364174 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042607-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.257**	0.2500	0	102.8	0.2480	3.56	04/29/2025

Batch R364174 **SampType:** MS Units **mg/L**
SampID: 25042646-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**13.3**	5.000	8.302	100.2	90	110	04/29/2025

Batch R364174 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25042646-008AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**13.7**	5.000	8.302	107.2	13.31	2.61	04/29/2025

Batch R364174 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25042353-008BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		100	R	**609**				689.6	12.44	04/29/2025

Batch R364174 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25042353-010BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		100		**734**				718.5	2.12	04/29/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364314 **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	05/01/2025

Batch R364314 **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	05/01/2025

Batch R364314 **SampType:** MS Units **mg/L**
SampID: 25050022-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.625**	0.2500	0.3630	104.8	90	110	05/01/2025

Batch R364314 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050022-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.636**	0.2500	0.3630	109.2	0.6250	1.74	05/01/2025

Batch R364314 **SampType:** MS Units **mg/L**
SampID: 25050054-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**1.63**	1.250	0.4530	94.2	90	110	05/01/2025

Batch R364314 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050054-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**1.63**	1.250	0.4530	93.9	1.630	0.18	05/01/2025

Batch R364354 **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	05/02/2025

Batch R364354 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.472**	0.5000	0	94.4	90	110	05/02/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364354 **SampType:** MS Units **mg/L**
SampID: 25041418-076AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.232**	0.2500	0	92.8	85	115	05/02/2025

Batch R364354 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-076AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.244**	0.2500	0	97.6	0.2320	5.04	05/02/2025

Batch R364354 **SampType:** MS Units **mg/L**
SampID: 25050151-003DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.578**	0.2500	0.3270	100.4	90	110	05/02/2025

Batch R364354 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050151-003DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.566**	0.2500	0.3270	95.6	0.5780	2.10	05/02/2025

Batch R364506 **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	05/06/2025

Batch R364506 **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		**0.478**	0.5000	0	95.6	90	110	05/06/2025

Batch R364506 **SampType:** MS Units **mg/L**
SampID: 25050194-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**10.8**	5.000	5.830	100.2	90	110	05/06/2025

Batch R364506 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050194-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**11.0**	5.000	5.830	103.3	10.84	1.41	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364506 **SampType:** MS Units **mg/L**
SampID: 25050282-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	H	**9.86**	5.000	4.594	105.4	90	110	05/06/2025

Batch R364506 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050282-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	H	**9.89**	5.000	4.594	105.9	9.865	0.23	05/06/2025

Batch R364506 **SampType:** MS Units **mg/L**
SampID: 25050306-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**29.5**	12.50	17.58	95.5	90	110	05/06/2025

Batch R364506 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050306-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**30.1**	12.50	17.58	99.8	29.53	1.81	05/06/2025

Batch R364506 **SampType:** MS Units **mg/L**
SampID: 25050320-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**29.3**	12.50	16.73	100.9	90	110	05/06/2025

Batch R364506 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050320-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**29.8**	12.50	16.73	104.2	29.34	1.40	05/06/2025

Batch R364506 **SampType:** MS Units **mg/L**
SampID: 25050408-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**2.28**	2.500	0	91.3	90	110	05/06/2025

Batch R364506 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050408-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500	S	**2.17**	2.500	0	86.8	2.282	5.03	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364506 **SampType:** MS Units **mg/L**
SampID: 25050480-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.258**	0.2500	0	103.2	85	115	05/06/2025

Batch R364506 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050480-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.249**	0.2500	0	99.6	0.2580	3.55	05/06/2025

Batch R364648 **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	05/07/2025

Batch R364648 **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	05/07/2025

Batch R364648 **SampType:** MS Units **mg/L**
SampID: 25041418-074AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.313**	0.2500	0.07500	95.2	85	115	05/07/2025

Batch R364648 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25041418-074AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.313**	0.2500	0.07500	95.2	0.3130	0.00	05/07/2025

Batch R364648 **SampType:** MS Units **mg/L**
SampID: 25050426-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**8.89**	2.500	6.536	94.3	90	110	05/07/2025

Batch R364648 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050426-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**9.00**	2.500	6.536	98.5	8.893	1.18	05/07/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364648 **SampType:** MS Units **mg/L**
SampID: 25050576-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	**20.2**	5.000	15.22	99.4	90	110	05/07/2025

Batch R364648 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050576-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	**20.5**	5.000	15.22	106.1	20.19	1.66	05/07/2025

Batch R364721 **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	05/08/2025

Batch R364721 **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		**0.487**	0.5000	0	97.4	90	110	05/08/2025

Batch R364721 **SampType:** MS Units **mg/L**
SampID: 25050667-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.353**	0.2500	0.1050	99.2	85	115	05/08/2025

Batch R364721 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050667-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.356**	0.2500	0.1050	100.4	0.3530	0.85	05/08/2025

Batch R364721 **SampType:** MS Units **mg/Kg-dry**
SampID: 25050668-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		3.88	S	**15.0**	19.39	0	77.6	90	110	05/08/2025

Batch R364721 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **10**
SampID: 25050668-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		3.88	S	**15.5**	19.39	0	80.0	15.04	3.05	05/08/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch R364721 **SampType:** MS Units **mg/L**
SampID: 25050676-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**15.6**	5.000	10.88	94.8	90	110	05/08/2025

Batch R364721 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050676-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**16.4**	5.000	10.88	109.8	15.62	4.66	05/08/2025

Batch R364721 **SampType:** MS Units **mg/L**
SampID: 25050686-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.247**	0.2500	0	98.8	85	115	05/08/2025

Batch R364721 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050686-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.243**	0.2500	0	97.2	0.2470	1.63	05/08/2025

Batch R364721 **SampType:** MS Units **mg/L**
SampID: 25050741-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**16.1**	5.000	10.92	103.2	90	110	05/08/2025

Batch R364721 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050741-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**16.2**	5.000	10.92	105.1	16.08	0.60	05/08/2025

Batch R364721 **SampType:** MS Units **mg/L**
SampID: 25050784-003GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.377**	0.2500	0.1500	90.8	85	115	05/08/2025

Batch R364721 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050784-003GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.373**	0.2500	0.1500	89.2	0.3770	1.07	05/08/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

STANDARD METHODS 5210 B 2001, 2011

Batch 238798 **SampType:** LCS Units **mg/L**
SampID: LCS-BOD-2-050825

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Biochemical Oxygen Demand		100		**186**	198.0	0	93.9	84.6	115.4	05/08/2025

Batch 238798 **SampType:** DUP Units **mg/L** RPD Limit **40**
SampID: 25050777-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Biochemical Oxygen Demand		10		**177**				166.0	6.41	05/08/2025

Batch 238798 **SampType:** DUP Units **mg/L** RPD Limit **40**
SampID: 25050841-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Biochemical Oxygen Demand		10		**427**				394.0	8.04	05/08/2025

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R364725 **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	05/09/2025

Batch R364725 **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		**226**	219.0	0	103.2	90	110	05/09/2025

Batch R364725 **SampType:** MS Units **mg/L**
SampID: 25050640-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		**1040**	1000	40.56	99.8	90	110	05/09/2025

Batch R364725 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050640-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		**1030**	1000	40.56	98.5	1039	1.25	05/09/2025

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Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R364725 **SampType:** MS Units **mg/L**
SampID: 25050768-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		**1490**	1000	486.9	100.4	90	110	05/09/2025

Batch R364725 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050768-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		**1480**	1000	486.9	99.6	1491	0.58	05/09/2025

Batch R364725 **SampType:** MS Units **mg/L**
SampID: 25050769-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		**1010**	1000	21.16	99.1	85	115	05/09/2025

Batch R364725 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050769-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		**1030**	1000	21.16	100.9	1013	1.69	05/09/2025

SW-846 7196A

Batch R364678 **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	05/08/2025

Batch R364678 **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		**0.0550**	0.0500	0	110.0	90	110	05/08/2025

Batch R364678 **SampType:** MS Units **µg/L**
SampID: 25041418-082GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		10.0		**516**	500.0	8.000	101.6	85	115	05/08/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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Batch R364678 **SampType:** MS Units µg/L
SampID: 25041418-093FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		1.00		**53.9**	50.00	0	107.8	85	115	05/08/2025

Batch R364678 **SampType:** MS Units mg/L
SampID: 25050239-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0050		**0.2455**	0.2500	0	98.2	85	115	05/08/2025

Batch R364678 **SampType:** MS Units mg/L
SampID: 25050470-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0050	SH	**0.1050**	0.2500	0	42.0	85	115	05/08/2025

Batch R364678 **SampType:** MS Units mg/L
SampID: 25050607-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		**0.0502**	0.0500	0	100.4	85	115	05/08/2025

Batch R364678 **SampType:** MS Units mg/L
SampID: 25050621-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0050	H	**0.2385**	0.2500	0	95.4	85	115	05/08/2025

Batch R364678 **SampType:** MSD Units mg/L RPD Limit **10**
SampID: 25050621-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chromium, Hexavalent		0.0050	H	**0.2395**	0.2500	0	95.8	0.2385	0.42	05/08/2025

Batch R364678 **SampType:** MS Units µg/L
SampID: 25050679-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		10.0	S	**316**	500.0	0	63.2	85	115	05/08/2025

Batch R364678 **SampType:** MS Units mg/L
SampID: 25050771-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		**0.0530**	0.0500	0	106.0	85	115	05/08/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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Batch R364678 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050771-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chromium, Hexavalent		0.0010		**0.0532**	0.0500	0	106.4	0.05300	0.38	05/08/2025

Batch R364678 **SampType:** MS Units **mg/L**
SampID: 25050809-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		**0.0484**	0.0500	0	96.8	85	115	05/08/2025

Batch R364678 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050809-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chromium, Hexavalent		0.0010		**0.0502**	0.0500	0	100.4	0.04840	3.65	05/08/2025

Batch R364678 **SampType:** MS Units **mg/L**
SampID: 25050809-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		**0.0512**	0.0500	0	102.4	85	115	05/08/2025

Batch R364678 **SampType:** MS Units **mg/L**
SampID: 25050809-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0100		**0.5370**	0.5000	0	107.4	85	115	05/08/2025

SW-846 9012A (TOTAL)

Batch 238383 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250430 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	05/01/2025

Batch 238383 **SampType:** LCS Units **mg/L**
SampID: LCS 250430 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	96.5	90	110	05/01/2025

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Client: Ramboll
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Batch 238383 **SampType:** MS Units **mg/L**
SampID: 25041418-011DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.022**	0.0250	0	86.1	75	125	05/01/2025

Batch 238383 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-011DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.022**	0.0250	0	88.0	0.02152	2.27	05/01/2025

Batch 238383 **SampType:** MS Units **mg/L**
SampID: 25041418-014DMS

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	05/01/2025

Batch 238383 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-014DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	104.1	0.02704	3.83	05/01/2025

Batch 238385 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250430 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	05/01/2025

Batch 238385 **SampType:** LCS Units **mg/L**
SampID: LCS 250430 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	94.3	90	110	05/01/2025

Batch 238385 **SampType:** MS Units **mg/L**
SampID: 25041418-096DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	100.8	75	125	05/01/2025

Batch 238385 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-096DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	97.0	0.02520	3.86	05/01/2025

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Client: Ramboll
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Client Project: COF-25Q2
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Batch 238385 **SampType:** MS Units **mg/L**
SampID: 25042317-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	104.2	90	110	05/01/2025

Batch 238385 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25042317-004CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.6	0.02606	2.57	05/01/2025

Batch 238464 **SampType:** MBLK Units **µg/L**
SampID: MBLK 250501 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		5.00		**< 5.00**	1.470	0	0	-100	100	05/02/2025

Batch 238464 **SampType:** LCS Units **µg/L**
SampID: LCS 250501 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		5.00		**23.3**	25.00	0	93.4	90	110	05/02/2025

Batch 238464 **SampType:** MS Units **µg/L**
SampID: 25042705-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		5.00		**23.2**	25.00	0	92.7	90	110	05/02/2025

Batch 238464 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25042705-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		5.00		**24.2**	25.00	0	96.7	23.18	4.16	05/02/2025

Batch 238527 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250502 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	05/05/2025

Batch 238527 **SampType:** LCS Units **mg/L**
SampID: LCS 250502 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	107.5	85	115	05/05/2025

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Client: Ramboll
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Client Project: COF-25Q2
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Batch 238527 **SampType:** MS Units **mg/L**
SampID: 25041418-007EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0.001885	96.2	75	125	05/05/2025

Batch 238527 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-007EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0.001885	95.7	0.02594	0.46	05/05/2025

Batch 238527 **SampType:** MS Units **mg/L**
SampID: 25041418-033EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.1	75	125	05/05/2025

Batch 238527 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-033EMSD

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	0.02528	3.99	05/05/2025

Batch 238528 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250502 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	05/05/2025

Batch 238528 **SampType:** LCS Units **mg/L**
SampID: LCS 250502 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	99.0	85	115	05/05/2025

Batch 238528 **SampType:** MS Units **mg/L**
SampID: 25041418-098EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.8	75	125	05/05/2025

Batch 238528 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-098EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.9	0.02545	2.89	05/05/2025

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Client: Ramboll
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Batch 238528 **SampType:** MS Units **mg/L**
SampID: 25042694-011DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	99.4	75	125	05/05/2025

Batch 238528 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25042694-011DMSD

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	0.02485	1.81	05/05/2025

Batch 238576 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250503 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	05/05/2025

Batch 238576 **SampType:** LCS Units **mg/L**
SampID: LCS 250503 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	102.2	90	110	05/05/2025

Batch 238576 **SampType:** MS Units **µg/L**
SampID: 25042705-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		5.00		**24.7**	25.00	0	98.7	90	110	05/05/2025

Batch 238576 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25042705-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		5.00		**24.6**	25.00	0	98.4	24.68	0.30	05/05/2025

Batch 238623 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250505 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	05/06/2025

Batch 238623 **SampType:** LCS Units **mg/L**
SampID: LCS 250505 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	100.6	90	110	05/06/2025

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Batch 238623 **SampType:** MS Units **mg/L**
SampID: 25050060-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025		**0.127**	0.1250	0.01120	92.7	90	110	05/06/2025

Batch 238623 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050060-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.025		**0.129**	0.1250	0.01120	94.4	0.1271	1.58	05/06/2025

Batch 238708 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250506 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	05/07/2025

Batch 238708 **SampType:** LCS Units **mg/L**
SampID: LCS 250506 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	94.7	85	115	05/07/2025

Batch 238708 **SampType:** MS Units **mg/L**
SampID: 25041418-027EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	92.8	75	125	05/07/2025

Batch 238708 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-027EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.021**	0.0250	0	84.3	0.02319	9.56	05/07/2025

Batch 238762 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250507 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	05/08/2025

Batch 238762 **SampType:** LCS Units **mg/L**
SampID: LCS 250507 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	95.5	90	110	05/08/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9012A (TOTAL)

Batch 238762 **SampType:** MS Units **µg/L**
SampID: 25042705-020BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		5.00		**24.5**	25.00	0	97.8	90	110	05/09/2025

Batch 238762 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25042705-020BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		5.00		**23.7**	25.00	0	94.7	24.46	3.20	05/09/2025

Batch 238762 **SampType:** MS Units **mg/L**
SampID: 25050308-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025		**0.135**	0.1250	0.01578	95.7	90	110	05/08/2025

Batch 238762 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050308-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.025		**0.139**	0.1250	0.01578	98.7	0.1354	2.71	05/08/2025

Batch 238831 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250508 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	05/09/2025

Batch 238831 **SampType:** LCS Units **mg/L**
SampID: LCS 250508 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	05/09/2025

Batch 238831 **SampType:** MS Units **mg/L**
SampID: 25050412-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	104.0	90	110	05/09/2025

Batch 238831 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050412-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.9	0.02601	2.10	05/09/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9012A (TOTAL)

Batch 238832 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250508 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	05/09/2025

Batch 238832 **SampType:** LCS Units **mg/L**
SampID: LCS 250508 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	98.9	85	115	05/09/2025

Batch 238832 **SampType:** MS Units **mg/L**
SampID: 25050491-003DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	96.7	75	125	05/09/2025

Batch 238832 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050491-003DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	99.1	0.02418	2.39	05/09/2025

Batch 238832 **SampType:** MS Units **mg/L**
SampID: 25050491-007DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.9	75	125	05/09/2025

Batch 238832 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050491-007DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	95.9	0.02548	6.07	05/09/2025

Batch 239051 **SampType:** MBLK Units **mg/L**
SampID: MBLK 250513 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	05/14/2025

Batch 239051 **SampType:** LCS Units **mg/L**
SampID: LCS 250513 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	05/14/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9012A (TOTAL)

Batch 239051 **SampType:** MS Units **mg/L**
SampID: 25050841-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.033**	0.0250	0.007875	100.6	90	110	05/14/2025

Batch 239051 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050841-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.033**	0.0250	0.007875	100.2	0.03302	0.30	05/14/2025

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364196 **SampType:** MS Units **mg/L**
SampID: 25041418-012BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.2840	100.4	80	120	04/30/2025
Chloride		5.00		**260**	200.0	53.36	103.2	80	120	04/30/2025
Sulfate		10.0		**275**	200.0	89.33	92.9	80	120	04/30/2025

Batch R364196 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-012BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.2840	99.8	10.32	0.50	04/30/2025
Chloride		5.00		**259**	200.0	53.36	102.8	259.8	0.36	04/30/2025
Sulfate		10.0		**275**	200.0	89.33	92.6	275.1	0.23	04/30/2025

Batch R364196 **SampType:** MS Units **mg/L**
SampID: 25041418-013BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.4**	10.00	0.3980	99.7	80	120	04/30/2025
Chloride		5.00		**237**	200.0	34.02	101.5	80	120	04/30/2025
Sulfate		10.0		**325**	200.0	136.1	94.6	80	120	04/30/2025

Batch R364196 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-013BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.4**	10.00	0.3980	99.9	10.36	0.20	04/30/2025
Chloride		5.00		**237**	200.0	34.02	101.3	237.0	0.12	04/30/2025
Sulfate		10.0		**324**	200.0	136.1	94.1	325.4	0.31	04/30/2025

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Client: Ramboll
Work Order: 25041418
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SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364196 **SampType:** MS Units **mg/L**
SampID: 25041418-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.3140	99.4	80	120	04/30/2025
Chloride		5.00		**233**	200.0	31.46	100.9	80	120	04/30/2025
Sulfate		10.0		**229**	200.0	47.10	91.0	80	120	04/30/2025

Batch R364196 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.3140	99.4	10.26	0.01	04/30/2025
Chloride		5.00		**234**	200.0	31.46	101.2	233.3	0.27	04/30/2025
Sulfate		10.0		**229**	200.0	47.10	91.1	229.2	0.05	04/30/2025

Batch R364196 **SampType:** MS Units **mg/L**
SampID: 25042689-002HMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		**5.33**	5.000	0.3310	100.0	80	120	04/30/2025
Chloride		2.50		**112**	100.0	11.60	100.3	80	120	04/30/2025
Sulfate		5.00		**138**	100.0	45.71	92.5	80	120	04/30/2025

Batch R364196 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25042689-002HMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.25		**5.43**	5.000	0.3310	102.0	5.329	1.93	04/30/2025
Chloride		2.50		**114**	100.0	11.60	102.5	111.9	1.89	04/30/2025
Sulfate		5.00		**140**	100.0	45.71	94.1	138.2	1.13	04/30/2025

Batch R364196 **SampType:** MS Units **mg/L**
SampID: 25042690-011BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		**5.46**	5.000	0.3910	101.3	80	120	05/01/2025
Chloride		2.50		**108**	100.0	6.495	101.3	80	120	05/01/2025
Sulfate		5.00		**103**	100.0	11.33	92.0	80	120	05/01/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364196 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25042690-011BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.25		**5.48**	5.000	0.3910	101.7	5.456	0.40	05/01/2025
Chloride		2.50		**108**	100.0	6.495	101.9	107.8	0.52	05/01/2025
Sulfate		5.00		**104**	100.0	11.33	92.6	103.4	0.60	05/01/2025

Batch R364214 **SampType:** MS Units **mg/L**
SampID: 25042741-006CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.1**	10.00	0.1370	99.7	80	120	05/01/2025
Chloride		5.00		**327**	200.0	115.5	105.7	80	120	05/01/2025
Sulfate		10.0		**178**	200.0	1.607	88.2	80	120	05/01/2025

Batch R364214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25042741-006CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.1**	10.00	0.1370	99.7	10.10	0.06	05/01/2025
Chloride		5.00		**328**	200.0	115.5	106.0	327.0	0.18	05/01/2025
Sulfate		10.0		**178**	200.0	1.607	88.3	178.1	0.02	05/01/2025

Batch R364386 **SampType:** MS Units **mg/L**
SampID: 25041418-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.5**	10.00	0.2220	102.8	80	120	05/02/2025
Chloride		5.00		**339**	200.0	108.3	115.2	80	120	05/02/2025
Sulfate		10.0		**317**	200.0	113.1	102.0	80	120	05/02/2025

Batch R364386 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.1**	10.00	0.2220	99.2	10.50	3.43	05/02/2025
Chloride		5.00		**331**	200.0	108.3	111.2	338.7	2.41	05/02/2025
Sulfate		10.0		**310**	200.0	113.1	98.7	317.0	2.10	05/02/2025

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Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

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Batch R364386 **SampType:** MS Units **mg/L**
SampID: 25041418-032BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.4**	10.00	0.4410	99.1	80	120	05/02/2025
Chloride		5.00		**277**	200.0	59.93	108.8	80	120	05/02/2025
Sulfate		10.0		**459**	200.0	256.3	101.5	80	120	05/02/2025

Batch R364386 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-032BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.4**	10.00	0.4410	99.2	10.35	0.14	05/02/2025
Chloride		5.00		**278**	200.0	59.93	109.0	277.4	0.18	05/02/2025
Sulfate		10.0		**459**	200.0	256.3	101.4	459.2	0.03	05/02/2025

Batch R364386 **SampType:** MS Units **mg/L**
SampID: 25041418-090BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.3790	99.4	80	120	05/02/2025
Chloride		5.00		**252**	200.0	35.89	107.9	80	120	05/02/2025
Sulfate		10.0		**253**	200.0	57.75	97.8	80	120	05/02/2025

Batch R364386 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-090BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.3790	98.8	10.32	0.58	05/02/2025
Chloride		5.00		**250**	200.0	35.89	106.9	251.6	0.77	05/02/2025
Sulfate		10.0		**251**	200.0	57.75	96.8	253.3	0.82	05/02/2025

Batch R364386 **SampType:** MS Units **mg/L**
SampID: 25050138-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.2080	100.4	80	120	05/02/2025
Chloride		5.00		**904**	200.0	701.8	100.9	80	120	05/02/2025
Sulfate		10.0		**241**	200.0	46.97	97.2	80	120	05/02/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364386 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050138-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.1**	10.00	0.2080	98.5	10.25	1.89	05/02/2025
Chloride		5.00		**922**	200.0	701.8	110.1	903.7	2.01	05/02/2025
Sulfate		10.0		**239**	200.0	46.97	96.1	241.5	0.98	05/02/2025

Batch R364386 **SampType:** MS Units **mg/L**
SampID: 25050151-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		**5.43**	5.000	0.1125	106.4	80	120	05/02/2025
Sulfate		5.00		**161**	100.0	55.44	105.3	80	120	05/02/2025

Batch R364386 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050151-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.25		**5.24**	5.000	0.1125	102.5	5.433	3.70	05/02/2025
Sulfate		5.00		**156**	100.0	55.44	100.3	160.7	3.11	05/02/2025

Batch R364426 **SampType:** MS Units **mg/L**
SampID: 25050151-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**417**	200.0	198.5	109.3	80	120	05/06/2025

Batch R364426 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050151-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**418**	200.0	198.5	109.9	417.0	0.29	05/06/2025

Batch R364477 **SampType:** MS Units **mg/L**
SampID: 25041418-018BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.3980	104.4	80	120	05/06/2025
Chloride		5.00		**267**	200.0	50.16	108.6	80	120	05/06/2025
Sulfate		10.0		**300**	200.0	106.0	97.2	80	120	05/06/2025

Teklab, Inc.
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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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Batch R364477 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-018BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.3980	103.9	10.84	0.49	05/06/2025
Chloride		5.00		**266**	200.0	50.16	107.8	267.3	0.54	05/06/2025
Sulfate		10.0		**298**	200.0	106.0	95.9	300.3	0.85	05/06/2025

Batch R364477 **SampType:** MS Units **mg/L**
SampID: 25041418-089BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.1**	10.00	0.4740	106.0	80	120	05/06/2025
Chloride		5.00		**253**	200.0	33.82	109.4	80	120	05/06/2025
Sulfate		10.0		**273**	200.0	77.55	97.9	80	120	05/06/2025

Batch R364477 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-089BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.1**	10.00	0.4740	105.9	11.08	0.15	05/06/2025
Chloride		5.00		**252**	200.0	33.82	109.0	252.7	0.35	05/06/2025
Sulfate		10.0		**273**	200.0	77.55	97.8	273.4	0.08	05/06/2025

Batch R364573 **SampType:** MS Units **mg/L**
SampID: 25050491-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.1970	105.5	80	120	05/07/2025
Chloride		5.00		**308**	200.0	87.02	110.5	80	120	05/07/2025
Sulfate		10.0		**354**	200.0	155.8	99.3	80	120	05/07/2025

Batch R364573 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050491-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.1970	105.9	10.75	0.33	05/07/2025
Chloride		5.00		**308**	200.0	87.02	110.5	308.0	0.01	05/07/2025
Sulfate		10.0		**354**	200.0	155.8	98.9	354.4	0.25	05/07/2025

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Batch R364652 **SampType:** MS Units **mg/L**
SampID: 25040375-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.9250	98.6	80	120	05/08/2025
Chloride		5.00		**563**	200.0	342.7	109.9	80	120	05/08/2025
Sulfate		10.0		**193**	200.0	1.051	95.9	80	120	05/08/2025

Batch R364652 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25040375-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.9250	98.0	10.79	0.53	05/08/2025
Chloride		5.00		**562**	200.0	342.7	109.5	562.5	0.14	05/08/2025
Sulfate		10.0		**192**	200.0	1.051	95.5	192.8	0.42	05/08/2025

Batch R364695 **SampType:** MS Units **mg/L**
SampID: 25040375-008CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.1**	10.00	0.5920	105.2	80	120	05/08/2025
Sulfate		10.0		**196**	200.0	4.251	96.0	80	120	05/08/2025

Batch R364695 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25040375-008CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.2**	10.00	0.5920	106.2	11.11	0.91	05/08/2025
Sulfate		10.0		**198**	200.0	4.251	97.0	196.3	1.00	05/08/2025

Batch R364695 **SampType:** MS Units **mg/L**
SampID: 25041418-042BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.0**	10.00	0.3460	107.0	80	120	05/08/2025
Chloride		5.00		**227**	200.0	13.72	106.7	80	120	05/08/2025
Sulfate		10.0		**247**	200.0	54.43	96.3	80	120	05/08/2025

Batch R364695 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-042BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.3**	10.00	0.3460	109.4	11.05	2.13	05/08/2025
Chloride		5.00		**232**	200.0	13.72	109.2	227.1	2.19	05/08/2025
Sulfate		10.0		**247**	200.0	54.43	96.2	247.0	0.06	05/08/2025

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Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25040375-008CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**1320**	200.0	1120	100.4	80	120	05/10/2025

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25040375-008CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**1330**	200.0	1120	106.0	1320	0.85	05/10/2025

Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25050800-001FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.1220	105.3	80	120	05/09/2025
Chloride		5.00		**895**	200.0	671.6	111.5	80	120	05/09/2025
Sulfate		10.0		**504**	200.0	287.9	107.9	80	120	05/09/2025

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050800-001FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.1220	101.0	10.66	4.19	05/09/2025
Chloride		5.00		**886**	200.0	671.6	107.3	894.6	0.94	05/09/2025
Sulfate		10.0		**494**	200.0	287.9	103.0	503.7	1.99	05/09/2025

Batch R364783 **SampType:** MS Units **mg/L**
SampID: 25050947-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.5**	10.00	0.3510	101.4	80	120	05/12/2025
Chloride		5.00		**213**	200.0	1.040	105.9	80	120	05/12/2025
Sulfate		10.0		**198**	200.0	9.006	94.6	80	120	05/12/2025

Batch R364783 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050947-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.6**	10.00	0.3510	102.3	10.50	0.79	05/12/2025
Chloride		5.00		**214**	200.0	1.040	106.6	212.8	0.69	05/12/2025
Sulfate		10.0		**200**	200.0	9.006	95.3	198.2	0.73	05/12/2025

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Batch R364783 **SampType:** MS Units **mg/L**
SampID: 25050947-010BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.6**	10.00	0.3850	101.8	80	120	05/12/2025
Chloride		5.00		**239**	200.0	21.45	108.6	80	120	05/12/2025
Sulfate		10.0		**717**	200.0	509.7	103.9	80	120	05/12/2025

Batch R364783 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050947-010BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.6**	10.00	0.3850	102.4	10.57	0.53	05/12/2025
Chloride		5.00		**241**	200.0	21.45	109.8	238.7	0.99	05/12/2025
Sulfate		10.0		**721**	200.0	509.7	105.5	717.4	0.46	05/12/2025

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Batch R364196 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	04/30/2025
Fluoride		0.05		**ND**	0.0040	0	0	0	100	04/30/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	04/30/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	04/30/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	04/30/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	04/30/2025

Batch R364196 **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	98.5	90	110	04/30/2025
Fluoride		0.05		**1.03**	1.000	0	102.5	90	110	04/30/2025
Chloride		0.50		**19.4**	20.00	0	97.1	90	110	04/30/2025
Chloride		0.50		**20.2**	20.00	0	101.1	90	110	04/30/2025
Sulfate		1.00		**18.5**	20.00	0	92.4	90	110	04/30/2025
Sulfate		1.00	S	**17.8**	20.00	0	88.9	90	110	04/30/2025

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Batch R364196 **SampType:** MS Units **mg/L**
SampID: 25042690-011AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.6**	10.00	0.3690	102.2	80	120	05/01/2025
Chloride		5.00		**212**	200.0	9.818	101.1	80	120	05/01/2025
Sulfate		10.0		**209**	200.0	24.93	92.3	80	120	05/01/2025

Batch R364196 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25042690-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.3690	103.1	10.58	0.87	05/01/2025
Chloride		5.00		**213**	200.0	9.818	101.5	212.1	0.37	05/01/2025
Sulfate		10.0		**210**	200.0	24.93	92.5	209.4	0.20	05/01/2025

Batch R364196 **SampType:** MS Units **mg/L**
SampID: 25042704-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.1230	102.2	80	120	04/30/2025
Chloride		5.00		**216**	200.0	13.32	101.6	80	120	04/30/2025
Sulfate		10.0		**399**	200.0	204.2	97.6	80	120	04/30/2025

Batch R364196 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25042704-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.4**	10.00	0.1230	102.3	10.35	0.09	04/30/2025
Chloride		5.00		**216**	200.0	13.32	101.5	216.5	0.11	04/30/2025
Sulfate		10.0		**399**	200.0	204.2	97.2	399.5	0.22	04/30/2025

Batch R364214 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	05/01/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	05/01/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	05/01/2025

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Batch R364214 **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		**1.03**	1.000	0	102.7	90	110	05/01/2025
Chloride		0.50		**20.3**	20.00	0	101.4	90	110	05/01/2025
Sulfate		1.00		**18.4**	20.00	0	92.0	90	110	05/01/2025

Batch R364214 **SampType:** MS Units **mg/L**
SampID: 25042731-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.1**	10.00	0	100.7	80	120	05/01/2025
Chloride		5.00		**215**	200.0	17.15	99.1	80	120	05/01/2025
Sulfate		10.0		**184**	200.0	7.192	88.3	80	120	05/01/2025

Batch R364214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25042731-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.1**	10.00	0	100.8	10.07	0.11	05/01/2025
Chloride		5.00		**215**	200.0	17.15	99.0	215.3	0.07	05/01/2025
Sulfate		10.0		**184**	200.0	7.192	88.3	183.7	0.03	05/01/2025

Batch R364214 **SampType:** MS Units **mg/L**
SampID: 25042741-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.1**	10.00	0.1550	99.8	80	120	05/01/2025
Chloride		5.00		**328**	200.0	115.3	106.4	80	120	05/01/2025
Sulfate		10.0		**179**	200.0	1.630	88.9	80	120	05/01/2025

Batch R364214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25042741-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.1**	10.00	0.1550	99.1	10.14	0.66	05/01/2025
Chloride		5.00		**327**	200.0	115.3	105.7	328.1	0.45	05/01/2025
Sulfate		10.0		**179**	200.0	1.630	88.5	179.4	0.46	05/01/2025

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Batch R364214 **SampType:** MS Units **mg/L**
SampID: 25050012-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.5**	10.00	0.1600	103.4	80	120	05/01/2025
Chloride		5.00		**210**	200.0	8.087	100.9	80	120	05/01/2025
Sulfate		10.0		**239**	200.0	52.90	92.8	80	120	05/01/2025

Batch R364214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050012-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.5**	10.00	0.1600	103.8	10.50	0.40	05/01/2025
Chloride		5.00		**210**	200.0	8.087	101.0	209.8	0.11	05/01/2025
Sulfate		10.0		**239**	200.0	52.90	92.9	238.6	0.06	05/01/2025

Batch R364386 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	05/02/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	05/02/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	05/02/2025

Batch R364386 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**1.02**	1.000	0	102.5	90	110	05/02/2025
Chloride		0.50		**21.4**	20.00	0	106.8	90	110	05/02/2025
Sulfate		1.00		**20.0**	20.00	0	100.0	90	110	05/02/2025

Batch R364386 **SampType:** MS Units **mg/L**
SampID: 25041418-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.2980	99.9	80	120	05/02/2025
Chloride		5.00		**254**	200.0	36.48	108.9	80	120	05/02/2025
Sulfate		10.0		**291**	200.0	90.18	100.3	80	120	05/02/2025

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Batch R364386 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.2980	100.0	10.29	0.13	05/02/2025
Chloride		5.00		**255**	200.0	36.48	109.4	254.4	0.36	05/02/2025
Sulfate		10.0		**293**	200.0	90.18	101.6	290.8	0.90	05/02/2025

Batch R364426 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	05/05/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	05/05/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	05/05/2025

Batch R364426 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**1.06**	1.000	0	106.2	90	110	05/05/2025
Chloride		0.50		**20.4**	20.00	0	101.8	90	110	05/05/2025
Sulfate		1.00		**18.6**	20.00	0	92.8	90	110	05/05/2025

Batch R364426 **SampType:** MS Units **mg/L**
SampID: 25041418-076AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.6**	10.00	0.1280	105.0	80	120	05/05/2025
Chloride		5.00		**266**	200.0	56.99	104.5	80	120	05/05/2025
Sulfate		10.0		**511**	200.0	312.9	99.0	80	120	05/05/2025

Batch R364426 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-076AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.1280	105.3	10.63	0.23	05/05/2025
Chloride		5.00		**266**	200.0	56.99	104.3	266.0	0.17	05/05/2025
Sulfate		10.0		**507**	200.0	312.9	97.2	510.9	0.70	05/05/2025

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Batch R364426 **SampType:** MS Units **mg/L**
SampID: 25050214-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.9**	10.00	0.3710	105.6	80	120	05/05/2025
Chloride		5.00		**237**	200.0	31.99	102.6	80	120	05/05/2025
Sulfate		10.0		**295**	200.0	107.3	93.6	80	120	05/05/2025

Batch R364426 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050214-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.9**	10.00	0.3710	105.5	10.93	0.08	05/05/2025
Chloride		5.00		**236**	200.0	31.99	102.2	237.2	0.32	05/05/2025
Sulfate		10.0		**294**	200.0	107.3	93.3	294.6	0.25	05/05/2025

Batch R364426 **SampType:** MS Units **mg/L**
SampID: 25050219-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.5**	10.00	1.015	105.0	80	120	05/05/2025
Chloride		5.00		**213**	200.0	11.54	100.5	80	120	05/05/2025
Sulfate		10.0		**234**	200.0	49.78	92.0	80	120	05/05/2025

Batch R364426 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050219-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.6**	10.00	1.015	105.4	11.52	0.32	05/05/2025
Chloride		5.00		**212**	200.0	11.54	100.5	212.5	0.05	05/05/2025
Sulfate		10.0		**233**	200.0	49.78	91.8	233.7	0.19	05/05/2025

Batch R364426 **SampType:** MS Units **mg/L**
SampID: 25050224-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.6**	10.00	0.1000	105.1	80	120	05/05/2025
Chloride		5.00		**491**	200.0	269.7	110.8	80	120	05/05/2025
Sulfate		10.0		**198**	200.0	15.83	91.1	80	120	05/05/2025

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Quality Control Results

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Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364426 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050224-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.6**	10.00	0.1000	104.8	10.61	0.33	05/05/2025
Chloride		5.00		**485**	200.0	269.7	107.9	491.3	1.19	05/05/2025
Sulfate		10.0		**198**	200.0	15.83	90.8	198.1	0.28	05/05/2025

Batch R364477 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	05/06/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	05/06/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	05/06/2025

Batch R364477 **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		**1.05**	1.000	0	105.0	90	110	05/06/2025
Chloride		0.50		**21.0**	20.00	0	105.1	90	110	05/06/2025
Sulfate		1.00		**19.0**	20.00	0	95.2	90	110	05/06/2025

Batch R364477 **SampType:** MS Units **mg/L**
SampID: 25050324-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.1010	106.9	80	120	05/06/2025
Chloride		5.00		**549**	200.0	316.1	116.7	80	120	05/06/2025
Sulfate		10.0		**219**	200.0	23.46	97.6	80	120	05/06/2025

Batch R364477 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050324-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.6**	10.00	0.1010	104.6	10.79	2.18	05/06/2025
Chloride		5.00		**542**	200.0	316.1	113.0	549.4	1.33	05/06/2025
Sulfate		10.0		**214**	200.0	23.46	95.4	218.6	1.96	05/06/2025

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Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364557 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	05/06/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	05/06/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	05/06/2025

Batch R364557 **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	101.2	90	110	05/06/2025
Chloride		0.50		**20.7**	20.00	0	103.4	90	110	05/06/2025
Sulfate		1.00		**19.5**	20.00	0	97.6	90	110	05/06/2025

Batch R364557 **SampType:** MS Units **mg/L**
SampID: 25041418-081AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.6490	100.1	80	120	05/06/2025
Chloride		5.00		**211**	200.0	6.576	102.4	80	120	05/06/2025
Sulfate		10.0		**386**	200.0	182.2	101.7	80	120	05/06/2025

Batch R364557 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-081AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.6490	101.1	10.66	0.97	05/06/2025
Chloride		5.00		**214**	200.0	6.576	103.6	211.4	1.13	05/06/2025
Sulfate		10.0		**388**	200.0	182.2	103.0	385.6	0.68	05/06/2025

Batch R364557 **SampType:** MS Units **mg/L**
SampID: 25041418-103AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.6760	100.5	80	120	05/06/2025
Chloride		5.00		**213**	200.0	6.593	103.4	80	120	05/06/2025
Sulfate		10.0		**388**	200.0	182.5	102.6	80	120	05/06/2025

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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364557 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-103AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.6760	100.7	10.72	0.22	05/06/2025
Chloride		5.00		**214**	200.0	6.593	103.7	213.4	0.25	05/06/2025
Sulfate		10.0		**386**	200.0	182.5	102.0	387.7	0.34	05/06/2025

Batch R364557 **SampType:** MS Units **mg/L**
SampID: 25050405-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.88**	10.00	0	98.8	80	120	05/06/2025
Chloride		5.00		**323**	200.0	107.4	108.0	80	120	05/06/2025
Sulfate		10.0		**224**	200.0	30.22	96.9	80	120	05/06/2025

Batch R364557 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050405-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.78**	10.00	0	97.8	9.883	1.08	05/06/2025
Chloride		5.00		**322**	200.0	107.4	107.1	323.3	0.52	05/06/2025
Sulfate		10.0		**222**	200.0	30.22	96.0	224.1	0.81	05/06/2025

Batch R364573 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	05/07/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	05/07/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	05/07/2025

Batch R364573 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**1.06**	1.000	0	105.5	90	110	05/07/2025
Chloride		0.50		**20.7**	20.00	0	103.7	90	110	05/07/2025
Sulfate		1.00		**19.2**	20.00	0	95.9	90	110	05/07/2025

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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364573 **SampType:** MS Units **mg/L**
SampID: 25041418-078AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.5**	10.00	0.2900	101.6	80	120	05/07/2025
Chloride		5.00		**204**	200.0	4.222	100.1	80	120	05/07/2025
Sulfate		10.0		**729**	200.0	523.5	102.6	80	120	05/07/2025

Batch R364573 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-078AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.2900	104.5	10.46	2.65	05/07/2025
Chloride		5.00		**210**	200.0	4.222	103.1	204.4	2.88	05/07/2025
Sulfate		10.0		**732**	200.0	523.5	104.0	728.7	0.39	05/07/2025

Batch R364573 **SampType:** MS Units **mg/L**
SampID: 25050471-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.51**	10.00	0.3850	91.2	80	120	05/07/2025
Chloride		5.00		**583**	200.0	362.4	110.5	80	120	05/07/2025
Sulfate		10.0		**331**	200.0	134.1	98.4	80	120	05/07/2025

Batch R364573 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050471-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.58**	10.00	0.3850	92.0	9.506	0.80	05/07/2025
Chloride		5.00		**585**	200.0	362.4	111.1	583.4	0.21	05/07/2025
Sulfate		10.0		**331**	200.0	134.1	98.6	330.9	0.14	05/07/2025

Batch R364652 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	05/07/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	05/07/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	05/07/2025

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Quality Control Results

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Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364652 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**1.02**	1.000	0	101.5	90	110	05/07/2025
Chloride		0.50		**20.6**	20.00	0	103.2	90	110	05/07/2025
Sulfate		1.00		**19.6**	20.00	0	97.9	90	110	05/07/2025

Batch R364652 **SampType:** MS Units **mg/L**
SampID: 25041418-037AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.3590	98.4	80	120	05/07/2025
Chloride		5.00		**306**	200.0	91.66	107.4	80	120	05/07/2025
Sulfate		10.0		**410**	200.0	206.3	101.7	80	120	05/07/2025

Batch R364652 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-037AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.0**	10.00	0.3590	96.4	10.20	2.05	05/07/2025
Chloride		5.00		**303**	200.0	91.66	105.7	306.4	1.11	05/07/2025
Sulfate		10.0		**406**	200.0	206.3	99.8	409.6	0.92	05/07/2025

Batch R364652 **SampType:** MS Units **mg/L**
SampID: 25041418-055AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.92**	10.00	0.3370	95.8	80	120	05/07/2025
Chloride		5.00		**243**	200.0	39.68	101.8	80	120	05/07/2025
Sulfate		10.0		**478**	200.0	278.9	99.7	80	120	05/07/2025

Batch R364652 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-055AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.92**	10.00	0.3370	95.8	9.920	0.04	05/07/2025
Chloride		5.00		**243**	200.0	39.68	101.7	243.2	0.02	05/07/2025
Sulfate		10.0		**477**	200.0	278.9	99.1	478.3	0.27	05/07/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364652 **SampType:** MS Units **mg/L**
SampID: 25041418-058AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.83**	10.00	0.2460	95.9	80	120	05/07/2025
Chloride		5.00		**207**	200.0	8.486	99.1	80	120	05/07/2025
Sulfate		10.0		**627**	200.0	425.9	100.5	80	120	05/07/2025

Batch R364652 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-058AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.85**	10.00	0.2460	96.0	9.832	0.14	05/07/2025
Chloride		5.00		**207**	200.0	8.486	99.3	206.6	0.24	05/07/2025
Sulfate		10.0		**626**	200.0	425.9	100.0	626.9	0.16	05/07/2025

Batch R364652 **SampType:** MS Units **mg/L**
SampID: 25050455-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.5280	97.3	80	120	05/08/2025
Chloride		5.00		**453**	200.0	235.9	108.8	80	120	05/08/2025
Sulfate		10.0		**234**	200.0	42.26	96.0	80	120	05/08/2025

Batch R364652 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050455-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.5280	96.2	10.26	1.05	05/08/2025
Chloride		5.00		**451**	200.0	235.9	107.5	453.4	0.55	05/08/2025
Sulfate		10.0		**232**	200.0	42.26	95.0	234.3	0.91	05/08/2025

Batch R364652 **SampType:** MS Units **mg/L**
SampID: 25050551-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.9**	10.00	0.9630	99.2	80	120	05/07/2025
Chloride		5.00		**520**	200.0	304.7	107.8	80	120	05/07/2025
Sulfate		10.0		**1400**	200.0	1220	87.7	80	120	05/07/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364652 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050551-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.9**	10.00	0.9630	98.9	10.88	0.26	05/07/2025
Chloride		5.00		**520**	200.0	304.7	107.6	520.2	0.05	05/07/2025
Sulfate		10.0		**1400**	200.0	1220	90.0	1395	0.33	05/07/2025

Batch R364652 **SampType:** MS Units **mg/L**
SampID: 25050589-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.4390	98.3	80	120	05/08/2025
Chloride		5.00		**204**	200.0	2.278	101.1	80	120	05/08/2025
Sulfate		10.0		**322**	200.0	123.6	99.0	80	120	05/08/2025

Batch R364652 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050589-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.4390	97.5	10.27	0.74	05/08/2025
Chloride		5.00		**202**	200.0	2.278	99.9	204.4	1.14	05/08/2025
Sulfate		10.0		**322**	200.0	123.6	99.2	321.6	0.13	05/08/2025

Batch R364695 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	05/08/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	05/08/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	05/08/2025

Batch R364695 **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		**1.08**	1.000	0	107.9	90	110	05/08/2025
Chloride		0.50		**21.3**	20.00	0	106.7	90	110	05/08/2025
Sulfate		1.00		**19.3**	20.00	0	96.6	90	110	05/08/2025

Teklab, Inc.
Environmental Laboratory

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364695 **SampType:** MS Units **mg/L**
SampID: 25041418-099AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.0**	10.00	0.3530	106.0	80	120	05/08/2025
Chloride		5.00		**227**	200.0	14.10	106.7	80	120	05/08/2025
Sulfate		10.0		**247**	200.0	55.34	96.1	80	120	05/08/2025

Batch R364695 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25041418-099AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.3530	104.9	10.96	1.06	05/08/2025
Chloride		5.00		**225**	200.0	14.10	105.7	227.5	0.88	05/08/2025
Sulfate		10.0		**245**	200.0	55.34	94.9	247.5	0.90	05/08/2025

Batch R364695 **SampType:** MS Units **mg/L**
SampID: 25050523-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		5.00		**115**	100.0	7.610	107.4	80	120	05/08/2025
Chloride		50.0		**8510**	2000	6325	109.1	80	120	05/08/2025
Sulfate		100		**3550**	2000	1530	100.9	80	120	05/08/2025

Batch R364695 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050523-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		5.00		**115**	100.0	7.610	107.2	115.0	0.23	05/08/2025
Chloride		50.0		**8460**	2000	6325	106.7	8508	0.58	05/08/2025
Sulfate		100		**3530**	2000	1530	100.1	3547	0.43	05/08/2025

Batch R364707 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	05/09/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	05/09/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	05/09/2025

Teklab, Inc.
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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364707 **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		**1.04**	1.000	0	104.0	90	110	05/09/2025
Chloride		0.50		**20.7**	20.00	0	103.7	90	110	05/09/2025
Sulfate		1.00		**19.4**	20.00	0	97.2	90	110	05/09/2025

Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25050733-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		**5.16**	5.000	0.1065	101.2	80	120	05/09/2025
Chloride		2.50		**124**	100.0	18.98	105.0	80	120	05/09/2025
Sulfate		5.00		**403**	100.0	302.0	100.9	80	120	05/09/2025

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050733-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.25		**5.13**	5.000	0.1065	100.5	5.164	0.62	05/09/2025
Chloride		2.50		**124**	100.0	18.98	104.9	124.0	0.06	05/09/2025
Sulfate		5.00		**405**	100.0	302.0	103.0	402.9	0.54	05/09/2025

Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25050780-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.1700	100.9	80	120	05/09/2025
Chloride		5.00		**207**	200.0	5.190	101.1	80	120	05/09/2025
Sulfate		10.0		**215**	200.0	25.60	94.5	80	120	05/09/2025

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050780-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.4**	10.00	0.1700	102.1	10.26	1.19	05/09/2025
Chloride		5.00		**210**	200.0	5.190	102.6	207.4	1.37	05/09/2025
Sulfate		10.0		**217**	200.0	25.60	95.5	214.6	0.93	05/09/2025

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Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25050784-002GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50	S	**6.12**	10.00	0.2770	58.4	80	120	05/09/2025
Sulfate		10.0		**1420**	200.0	1224	96.6	80	120	05/09/2025

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050784-002GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50	S	**6.07**	10.00	0.2770	58.0	6.118	0.75	05/09/2025
Sulfate		10.0		**1400**	200.0	1224	90.5	1417	0.86	05/09/2025

Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25050826-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.03**	2.000	0.1050	96.0	80	120	05/09/2025
Chloride		1.00		**43.8**	40.00	0.8414	107.4	80	120	05/09/2025
Sulfate		2.00		**67.5**	40.00	25.38	105.4	80	120	05/09/2025

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050826-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.03**	2.000	0.1050	96.3	2.026	0.27	05/09/2025
Chloride		1.00		**44.0**	40.00	0.8414	108.0	43.79	0.58	05/09/2025
Sulfate		2.00		**67.7**	40.00	25.38	105.9	67.55	0.30	05/09/2025

Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25050826-012AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.11**	2.000	0.09560	100.9	80	120	05/10/2025
Chloride		1.00		**44.3**	40.00	0.7244	109.0	80	120	05/10/2025
Sulfate		2.00		**73.1**	40.00	30.43	106.6	80	120	05/10/2025

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050826-012AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.11**	2.000	0.09560	100.7	2.113	0.20	05/10/2025
Chloride		1.00		**44.3**	40.00	0.7244	108.8	44.33	0.17	05/10/2025
Sulfate		2.00		**72.9**	40.00	30.43	106.2	73.08	0.26	05/10/2025

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Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25050826-021AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.1818	106.4	80	120	05/10/2025
Chloride		1.00		**45.6**	40.00	1.791	109.5	80	120	05/10/2025
Sulfate		2.00		**50.3**	40.00	9.233	102.6	80	120	05/10/2025

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050826-021AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.32**	2.000	0.1818	107.0	2.309	0.54	05/10/2025
Chloride		1.00		**45.8**	40.00	1.791	109.9	45.57	0.40	05/10/2025
Sulfate		2.00		**50.4**	40.00	9.233	103.0	50.29	0.25	05/10/2025

Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25050826-034AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.19**	2.000	0	109.3	80	120	05/10/2025
Chloride		1.00		**43.8**	40.00	0	109.5	80	120	05/10/2025
Sulfate		2.00		**40.3**	40.00	0	100.7	80	120	05/10/2025

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050826-034AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.19**	2.000	0	109.7	2.187	0.33	05/10/2025
Chloride		1.00		**44.0**	40.00	0	109.9	43.82	0.34	05/10/2025
Sulfate		2.00		**40.4**	40.00	0	101.1	40.29	0.33	05/10/2025

Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25050826-041AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.27**	2.000	0.2142	102.9	80	120	05/10/2025
Chloride		1.00		**57.5**	40.00	10.77	116.9	80	120	05/10/2025
Sulfate		2.00		**164**	40.00	118.5	113.5	80	120	05/10/2025

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Quality Control Results

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Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050826-041AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.27**	2.000	0.2142	102.8	2.273	0.12	05/10/2025
Chloride		1.00		**57.3**	40.00	10.77	116.3	57.52	0.38	05/10/2025
Sulfate		2.00		**164**	40.00	118.5	112.9	163.9	0.16	05/10/2025

Batch R364707 **SampType:** MS Units **mg/L**
SampID: 25050831-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.1150	101.1	80	120	05/09/2025
Chloride		5.00		**205**	200.0	2.417	101.1	80	120	05/09/2025
Sulfate		10.0		**205**	200.0	15.51	94.9	80	120	05/09/2025

Batch R364707 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050831-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.1150	100.7	10.22	0.37	05/09/2025
Chloride		5.00		**204**	200.0	2.417	100.6	204.6	0.52	05/09/2025
Sulfate		10.0		**204**	200.0	15.51	94.2	205.3	0.68	05/09/2025

Batch R364783 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	05/12/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	05/12/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	05/12/2025

Batch R364783 **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	100.8	90	110	05/12/2025
Chloride		0.50		**21.1**	20.00	0	105.6	90	110	05/12/2025
Sulfate		1.00		**18.8**	20.00	0	94.1	90	110	05/12/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
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SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R364783 **SampType:** MS Units **mg/L**
SampID: 25050823-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.5770	102.3	80	120	05/12/2025
Chloride		5.00		**572**	200.0	346.9	112.5	80	120	05/12/2025
Sulfate		10.0		**398**	200.0	198.3	99.6	80	120	05/12/2025

Batch R364783 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050823-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.5770	102.4	10.81	0.09	05/12/2025
Chloride		5.00		**571**	200.0	346.9	112.1	571.9	0.15	05/12/2025
Sulfate		10.0		**396**	200.0	198.3	98.9	397.5	0.38	05/12/2025

Batch R364783 **SampType:** MS Units **mg/L**
SampID: 25050900-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.4520	103.6	80	120	05/12/2025
Chloride		5.00		**219**	200.0	4.038	107.7	80	120	05/12/2025
Sulfate		10.0		**216**	200.0	22.93	96.6	80	120	05/12/2025

Batch R364783 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050900-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.4520	103.8	10.82	0.13	05/12/2025
Chloride		5.00		**220**	200.0	4.038	107.9	219.4	0.16	05/12/2025
Sulfate		10.0		**216**	200.0	22.93	96.4	216.2	0.20	05/12/2025

Batch R366362 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**	0.0040	0	0	0	100	06/10/2025
Chloride		0.50		**ND**	0.1000	0	0	0	100	06/10/2025
Sulfate		1.00		**ND**	0.0990	0	0	0	100	06/10/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R366362 **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		**0.98**	1.000	0	97.6	90	110	06/10/2025
Chloride		0.50		**20.2**	20.00	0	100.9	90	110	06/10/2025
Sulfate		1.00		**18.7**	20.00	0	93.4	90	110	06/10/2025

Batch R366362 **SampType:** MS Units **mg/L**
SampID: 25060809-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.4**	10.00	0.5070	98.6	80	120	06/10/2025
Chloride		5.00		**334**	200.0	109.3	112.6	80	120	06/10/2025
Sulfate		10.0		**239**	200.0	47.89	95.5	80	120	06/10/2025

Batch R366362 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25060809-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.5070	98.1	10.37	0.52	06/10/2025
Chloride		5.00		**332**	200.0	109.3	111.5	334.4	0.65	06/10/2025
Sulfate		10.0		**238**	200.0	47.89	94.9	238.8	0.44	06/10/2025

Batch R366362 **SampType:** MS Units **mg/L**
SampID: 25060833-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.5**	10.00	0.4790	100.0	80	120	06/10/2025
Chloride		5.00		**264**	200.0	45.51	109.1	80	120	06/10/2025
Sulfate		10.0		**288**	200.0	92.49	98.0	80	120	06/10/2025

Batch R366362 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25060833-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.4790	97.5	10.48	2.43	06/10/2025
Chloride		5.00		**259**	200.0	45.51	106.7	263.8	1.86	06/10/2025
Sulfate		10.0		**283**	200.0	92.49	95.3	288.4	1.85	06/10/2025

Teklab, Inc.
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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9060A

Batch R364747 **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	05/09/2025

Batch R364747 **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		**4.8**	5.000	0	97.0	90	110	05/09/2025

Batch R364747 **SampType:** MS Units **mg/L**
SampID: 25050686-001KMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.4**	2.500	2.130	91.2	85	115	05/09/2025

Batch R364747 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050686-001KMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.4**	2.500	2.130	90.4	4.410	0.45	05/09/2025

Batch R364747 **SampType:** MS Units **mg/L**
SampID: 25050723-001JMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.3**	2.500	1.940	93.6	85	115	05/09/2025

Batch R364747 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050723-001JMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.2**	2.500	1.940	89.6	4.280	2.36	05/09/2025

Batch R364747 **SampType:** MS Units **mg/L**
SampID: 25050784-001LMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0	S	**1.5**	2.500	0	60.0	85	115	05/09/2025

Batch R364747 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050784-001LMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0	S	**1.6**	2.500	0	62.0	1.500	3.28	05/09/2025

Teklab, Inc.
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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9060A

Batch R364747 **SampType:** MS Units **mg/L**
SampID: 25050800-001LMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**8.2**	2.500	6.000	86.8	85	115	05/09/2025

Batch R364747 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050800-001LMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**8.2**	2.500	6.000	88.8	8.170	0.61	05/09/2025

Batch R364747 **SampType:** MS Units **mg/L**
SampID: 25050826-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**3.9**	2.500	1.490	98.0	85	115	05/09/2025

Batch R364747 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050826-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.0**	2.500	1.490	99.6	3.940	1.01	05/09/2025

Batch R364747 **SampType:** MS Units **mg/L**
SampID: 25050826-011DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.2**	2.500	1.730	100.4	85	115	05/10/2025

Batch R364747 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050826-011DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.3**	2.500	1.730	104.0	4.240	2.10	05/10/2025

Batch R364747 **SampType:** MS Units **mg/L**
SampID: 25050826-021DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.8**	2.500	2.240	102.4	85	115	05/10/2025

Batch R364747 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050826-021DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.8**	2.500	2.240	103.2	4.800	0.42	05/10/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9060A

Batch R364747 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050177-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		20.0		**191**				197.1	3.10	05/09/2025

Batch R364747 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050177-004ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		20.0		**174**				176.8	1.57	05/09/2025

Batch R364747 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050298-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		100	H	**263**				272.1	3.57	05/10/2025

Batch R364747 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050298-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		100	H	**265**				268.0	1.16	05/10/2025

Batch R364747 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050298-003ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		100	H	**284**				281.8	0.90	05/10/2025

Batch R364747 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050298-004ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		20.0	H	**172**				179.4	4.30	05/09/2025

Batch R364747 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050298-005ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		100	H	**231**				237.9	2.83	05/10/2025

Batch R364747 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050735-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		5.0		**12.2**				11.71	3.69	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9060A

Batch R364865 **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	05/13/2025

Batch R364865 **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	97.4	90	110	05/13/2025

Batch R364865 **SampType:** MS Units **mg/L**
SampID: 25050826-031DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.6**	2.500	2.170	98.0	85	115	05/13/2025

Batch R364865 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050826-031DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.7**	2.500	2.170	99.6	4.620	0.86	05/13/2025

Batch R364865 **SampType:** MS Units **mg/L**
SampID: 25050826-041DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.5**	2.500	2.050	97.6	85	115	05/13/2025

Batch R364865 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050826-041DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.5**	2.500	2.050	97.6	4.490	0.00	05/13/2025

Batch R364865 **SampType:** MS Units **mg/L**
SampID: 25050899-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.2**	2.500	1.760	96.0	90	110	05/13/2025

Batch R364865 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050899-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.1**	2.500	1.760	92.8	4.160	1.94	05/13/2025

Teklab, Inc.
Environmental Laboratory

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9060A

Batch R364865 **SampType:** MS Units **mg/L**
SampID: 25050899-011BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0	S	**5.8**	2.500	1.330	179.2	90	110	05/14/2025

Batch R364865 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050899-011BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0	S	**5.8**	2.500	1.330	177.6	5.810	0.69	05/14/2025

Batch R364865 **SampType:** MS Units **mg/L**
SampID: 25050900-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**3.7**	2.500	1.430	92.4	85	115	05/14/2025

Batch R364865 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050900-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**3.8**	2.500	1.430	93.2	3.740	0.53	05/14/2025

Batch R364865 **SampType:** MS Units **mg/L**
SampID: 25050918-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0	S	**4.8**	2.500	0.4700	172.8	85	115	05/14/2025

Batch R364865 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050918-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0	S	**4.8**	2.500	0.4700	171.6	4.790	0.63	05/14/2025

Batch R364865 **SampType:** MS Units **mg/L**
SampID: 25050918-011AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0	S	**2.5**	2.500	0.6700	72.0	85	115	05/14/2025

Batch R364865 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050918-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0	S	**2.5**	2.500	0.6700	72.0	2.470	0.00	05/14/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9060A

Batch R364865 **SampType:** MS Units **mg/L**
SampID: 25050919-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**7.6**	2.500	4.960	104.0	85	115	05/14/2025

Batch R364865 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050919-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**7.4**	2.500	4.960	95.6	7.560	2.82	05/14/2025

Batch R364865 **SampType:** MS Units **mg/L**
SampID: 25050966-021DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**3.0**	2.500	0.6100	96.8	85	115	05/13/2025

Batch R364865 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25050966-021DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**3.1**	2.500	0.6100	98.0	3.030	0.99	05/13/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-001BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.7**				1.760	1.72	05/13/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-002BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.5**				1.480	3.32	05/13/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-003BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.5**				1.470	2.02	05/13/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-004BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.4**				1.420	1.42	05/14/2025

Teklab, Inc.
Environmental Laboratory

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9060A

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-005BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.3**				1.320	1.53	05/14/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-006BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.2**				1.250	0.80	05/14/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-007BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.3**				1.320	1.53	05/14/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-008BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.3**				1.350	3.77	05/14/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-009BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.3**				1.270	0.79	05/14/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-010BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.4**				1.290	5.28	05/14/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-011BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.3**				1.330	2.28	05/14/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-012BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.2**				1.270	4.84	05/14/2025

Teklab, Inc.
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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9060A

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-013BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.6**				1.640	3.10	05/14/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25050899-014BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**3.1**				3.160	3.22	05/14/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25051085-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**6.1**				6.120	0.33	05/14/2025

Batch R364865 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25051085-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**1.6**				1.580	2.50	05/14/2025

SW-846 9066 (TOTAL)

Batch R364346 **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	05/02/2025

Batch R364346 **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	97.2	90	110	05/02/2025

Batch R364346 **SampType:** MS Units **µg/L**
SampID: 25042584-001FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**48**	50.00	0	96.1	85	115	05/02/2025

Teklab, Inc.
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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9066 (TOTAL)

Batch R364346 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25042584-001FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**50**	50.00	0	99.7	48.04	3.70	05/02/2025

Batch R364346 **SampType:** MS Units **µg/L**
SampID: 25042584-009FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**51**	50.00	0	101.4	85	115	05/02/2025

Batch R364346 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25042584-009FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5	SR	**69**	50.00	0	138.7	50.70	31.08	05/02/2025

Batch R364346 **SampType:** MS Units **mg/L**
SampID: 25042647-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.080**	0.0500	0.02388	112.2	90	110	05/02/2025

Batch R364346 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25042647-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.077**	0.0500	0.02388	105.6	0.08000	4.26	05/02/2025

Batch R364346 **SampType:** MS Units **µg/L**
SampID: 25042690-001FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**57**	50.00	0	113.8	85	115	05/02/2025

Batch R364346 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25042690-001FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**52**	50.00	0	104.7	56.92	8.33	05/02/2025

Batch R364346 **SampType:** MS Units **µg/L**
SampID: 25042690-015FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**48**	50.00	0	95.0	85	115	05/02/2025

Teklab, Inc.
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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9066 (TOTAL)

Batch R364346 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25042690-015FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**47**	50.00	0	93.8	47.50	1.25	05/02/2025

Batch R364346 **SampType:** MS Units mg/L
SampID: 25050136-002DMS

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	121.2	90	110	05/02/2025

Batch R364346 **SampType:** MSD Units mg/L RPD Limit 15
SampID: 25050136-002DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.055**	0.0500	0	110.4	0.06058	9.29	05/02/2025

Batch R364523 **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	05/05/2025

Batch R364523 **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		**0.052**	0.0500	0	103.9	90	110	05/05/2025

Batch R364523 **SampType:** MS Units µg/L
SampID: 25050053-005FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5	E	**103**	100.0	0	103.2	85	115	05/05/2025

Batch R364523 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25050053-005FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**97**	100.0	0	97.2	103.2	6.01	05/05/2025

Batch R364523 **SampType:** MS Units µg/L
SampID: 25050054-005IMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5	E	**104**	100.0	0	104.4	85	115	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9066 (TOTAL)

Batch R364523 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25050054-005IMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5	E	**100**	100.0	0	100.4	104.4	3.88	05/05/2025

Batch R364523 **SampType:** MS Units **mg/L**
SampID: 25050354-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.059**	0.0500	0	117.6	90	110	05/05/2025

Batch R364523 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050354-002BMSD

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	0.05880	2.36	05/05/2025

Batch R364632 **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	05/07/2025

Batch R364632 **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	97.3	90	110	05/07/2025

Batch R364632 **SampType:** MS Units **µg/L**
SampID: 25041418-036FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5	E	**102**	100.0	5.890	96.6	85	115	05/07/2025

Batch R364632 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25041418-036FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5	E	**105**	100.0	5.890	98.7	102.5	2.02	05/07/2025

Batch R364632 **SampType:** MS Units **µg/L**
SampID: 25050151-003IMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**95**	100.0	0	94.8	85	115	05/07/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9066 (TOTAL)

Batch R364632 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25050151-003IMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5	E	**105**	100.0	0	105.1	94.83	10.27	05/07/2025

Batch R364632 **SampType:** MS Units **µg/L**
SampID: 25050151-011DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5	E	**114**	100.0	0	114.0	85	115	05/07/2025

Batch R364632 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25050151-011DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5	E	**106**	100.0	0	106.0	114.0	7.29	05/07/2025

Batch R364711 **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	05/08/2025

Batch R364711 **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	101.7	90	110	05/08/2025

Batch R364711 **SampType:** MS Units **mg/L**
SampID: 25050319-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.063**	0.0500	0.003420	119.8	90	110	05/08/2025

Batch R364711 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050319-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.067**	0.0500	0.003420	127.2	0.06333	5.68	05/08/2025

Batch R364711 **SampType:** MS Units **mg/L**
SampID: 25050574-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.061**	0.0500	0.006590	109.4	90	110	05/08/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9066 (TOTAL)

Batch R364711 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050574-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.058**	0.0500	0.006590	103.2	0.06128	5.16	05/08/2025

Batch R364711 **SampType:** MS Units **mg/L**
SampID: 25050651-012AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.066**	0.0500	0	132.6	90	110	05/08/2025

Batch R364711 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050651-012AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.058**	0.0500	0	116.8	0.06632	12.68	05/08/2025

Batch R364711 **SampType:** MS Units **mg/L**
SampID: 25050651-014AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.066**	0.0500	0.009020	113.3	90	110	05/08/2025

Batch R364711 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050651-014AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.068**	0.0500	0.009020	117.4	0.06566	3.10	05/08/2025

Batch R364809 **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	05/12/2025

Batch R364809 **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	05/12/2025

Batch R364809 **SampType:** MS Units **mg/L**
SampID: 25050704-002EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.063**	0.0500	0.004000	118.9	90	110	05/12/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9066 (TOTAL)

Batch R364809 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050704-002EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.062**	0.0500	0.004000	116.5	0.06343	1.88	05/12/2025

Batch R364809 **SampType:** MS Units **mg/L**
SampID: 25050928-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.064**	0.0500	0.003610	121.4	90	110	05/12/2025

Batch R364809 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050928-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.063**	0.0500	0.003610	118.1	0.06432	2.60	05/12/2025

Batch R364809 **SampType:** MS Units **mg/L**
SampID: 25050928-011AMS

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	121.4	90	110	05/12/2025

Batch R364809 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050928-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.060**	0.0500	0	119.6	0.06069	1.49	05/12/2025

Batch R364809 **SampType:** MS Units **mg/L**
SampID: 25051032-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.066**	0.0500	0	132.6	90	110	05/12/2025

Batch R364809 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25051032-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	SR	**0.056**	0.0500	0	112.2	0.06628	16.60	05/12/2025

Batch R364809 **SampType:** MS Units **mg/L**
SampID: 25051061-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.051**	0.0500	0	101.7	90	110	05/12/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9066 (TOTAL)

Batch R364809 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25051061-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.054**	0.0500	0	107.9	0.05083	5.92	05/12/2025

Batch R364962 **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	05/13/2025

Batch R364962 **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	101.0	90	110	05/13/2025

Batch R364962 **SampType:** MS Units **µg/L**
SampID: 25040375-016GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5	S	**9**	50.00	0	18.6	85	115	05/13/2025

Batch R364962 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25040375-016GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5	SR	**28**	50.00	0	57.0	9.300	101.56	05/13/2025

Batch R364962 **SampType:** MS Units **µg/L**
SampID: 25041418-093MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**52**	50.00	0	104.2	85	115	05/13/2025

Batch R364962 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25041418-093MSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**49**	50.00	0	98.1	52.08	6.03	05/13/2025

Batch R364962 **SampType:** MS Units **µg/L**
SampID: 25050686-010LMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5	S	**29**	50.00	0	58.4	85	115	05/13/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 9066 (TOTAL)

Batch R364962 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25050686-010LMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5	S	**28**	50.00	0	55.6	29.18	4.88	05/13/2025

Batch R364962 **SampType:** MS Units **mg/L**
SampID: 25050809-005GMS

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	114.3	90	110	05/13/2025

Batch R364962 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25050809-005GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.053**	0.0500	0	105.6	0.05715	7.91	05/13/2025

Batch R364962 **SampType:** MS Units **mg/L**
SampID: 25051112-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.049**	0.0500	0	97.3	90	110	05/13/2025

Batch R364962 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25051112-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.053**	0.0500	0	106.7	0.04866	9.16	05/13/2025

Batch R364962 **SampType:** MS Units **mg/L**
SampID: 25051112-002DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.049**	0.0500	0	97.9	90	110	05/13/2025

Batch R364962 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25051112-002DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.050**	0.0500	0	99.8	0.04897	1.88	05/13/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238393 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238393

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/01/2025
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	05/01/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/01/2025
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	05/01/2025

Batch 238393 **SampType:** LCS Units **mg/L**
SampID: LCS-238393

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.51**	5.000	0	90.3	85	115	05/01/2025
Magnesium		0.050		**4.40**	5.000	0	88.0	85	115	05/01/2025
Potassium		0.100		**4.67**	5.000	0	93.5	85	115	05/01/2025
Sodium		0.050		**4.59**	5.000	0	91.7	85	115	05/01/2025

Batch 238393 **SampType:** MS Units **mg/L**
SampID: 25042583-001KMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.050	S	**56.9**	5.000	55.05	36.7	75	125	05/01/2025

Batch 238393 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25042583-001KMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium		0.050		**59.2**	5.000	55.05	83.7	56.89	4.05	05/01/2025

Batch 238404 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238404

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/01/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/01/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/01/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/01/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238404 **SampType:** LCS Units **mg/L**
SampID: LCS-238404

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.62**	5.000	0	92.3	85	115	05/01/2025
Magnesium		0.0500		**4.55**	5.000	0	90.9	85	115	05/01/2025
Potassium		0.100		**4.74**	5.000	0	94.8	85	115	05/01/2025
Sodium		0.0500		**4.67**	5.000	0	93.4	85	115	05/01/2025

Batch 238404 **SampType:** MS Units **mg/L**
SampID: 25042694-007CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**51.9**	5.000	50.00	38.6	75	125	05/01/2025
Magnesium		0.050		**23.9**	2.500	21.71	87.6	75	125	05/05/2025
Potassium		0.100		**5.90**	5.000	1.415	89.7	75	125	05/01/2025
Sodium		0.050	S	**81.7**	5.000	82.02	-5.8	75	125	05/01/2025

Batch 238404 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25042694-007CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**53.8**	5.000	50.00	75.6	51.93	3.50	05/01/2025
Magnesium		0.050		**25.9**	5.000	21.71	84.0	25.00	3.56	05/01/2025
Potassium		0.100		**5.96**	5.000	1.415	90.9	5.900	1.03	05/01/2025
Sodium		0.050	S	**83.4**	5.000	82.02	27.2	81.73	2.00	05/01/2025

Batch 238543 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238543

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/03/2025
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	05/03/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/03/2025
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	05/03/2025

Batch 238543 **SampType:** LCS Units **mg/L**
SampID: LCS-238543

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.54**	5.000	0	90.7	85	115	05/03/2025
Magnesium		0.050		**4.41**	5.000	0	88.2	85	115	05/03/2025
Potassium		0.100		**4.60**	5.000	0	92.1	85	115	05/03/2025
Sodium		0.050		**4.51**	5.000	0	90.2	85	115	05/03/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238543 **SampType:** MS Units **mg/L**
SampID: 25041418-008DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**92.4**	5.000	92.78	-8.4	75	125	05/03/2025
Magnesium		0.050	S	**42.7**	5.000	40.73	40.3	75	125	05/03/2025
Potassium		0.100		**5.07**	5.000	0.4136	93.0	75	125	05/03/2025
Sodium		0.050	S	**51.8**	5.000	50.30	29.4	75	125	05/03/2025

Batch 238543 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25041418-008DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**93.8**	5.000	92.78	20.2	92.36	1.54	05/03/2025
Magnesium		0.050	S	**43.5**	5.000	40.73	54.5	42.75	1.64	05/03/2025
Potassium		0.100		**5.20**	5.000	0.4136	95.7	5.065	2.64	05/03/2025
Sodium		0.050	S	**52.9**	5.000	50.30	52.8	51.77	2.23	05/03/2025

Batch 238546 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238546

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/03/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/03/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/03/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/03/2025

Batch 238546 **SampType:** LCS Units **mg/L**
SampID: LCS-238546

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.78**	5.000	0	95.7	85	115	05/05/2025
Magnesium		0.0500		**4.65**	5.000	0	93.0	85	115	05/05/2025
Potassium		0.100		**4.70**	5.000	0	93.9	85	115	05/05/2025
Sodium		0.0500		**4.73**	5.000	0	94.5	85	115	05/05/2025

Batch 238546 **SampType:** MS Units **mg/L**
SampID: 25050151-007GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**130**	5.000	129.7	13.0	75	125	05/03/2025
Sodium		0.050	S	**28.4**	5.000	25.34	60.2	75	125	05/08/2025

Teklab, Inc.
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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238546 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25050151-007GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**130**	5.000	129.7	15.8	130.3	0.11	05/03/2025
Sodium		0.050	S	**28.3**	5.000	25.34	58.4	28.35	0.32	05/08/2025

Batch 238617 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238617

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/06/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/06/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/07/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/06/2025
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	05/07/2025
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	05/06/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/06/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/07/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/06/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/06/2025
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	05/06/2025
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	05/07/2025

Batch 238617 **SampType:** LCS Units **mg/L**
SampID: LCS-238617

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.63**	5.000	0	92.7	85	115	05/06/2025
Calcium		0.100		**4.61**	5.000	0	92.1	85	115	05/07/2025
Calcium		0.100		**4.63**	5.000	0	92.7	85	115	05/06/2025
Magnesium		0.0500		**4.38**	5.000	0	87.6	85	115	05/06/2025
Magnesium		0.050		**4.38**	5.000	0	87.6	85	115	05/06/2025
Magnesium		0.050		**2.48**	2.500	0	99.3	85	115	05/09/2025
Potassium		0.100		**4.80**	5.000	0	95.9	85	115	05/06/2025
Potassium		0.100		**4.79**	5.000	0	95.8	85	115	05/07/2025
Potassium		0.100		**4.80**	5.000	0	95.9	85	115	05/06/2025
Sodium		0.0500		**4.81**	5.000	0	96.1	85	115	05/06/2025
Sodium		0.050		**4.81**	5.000	0	96.1	85	115	05/06/2025
Sodium		0.050		**4.79**	5.000	0	95.8	85	115	05/07/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238815 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238815

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/09/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/09/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/09/2025
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	05/09/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/09/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/09/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/09/2025
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	05/09/2025

Batch 238815 **SampType:** LCS Units **mg/L**
SampID: LCS-238815

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.52**	5.000	0	90.3	85	115	05/09/2025
Calcium		0.100		**4.52**	5.000	0	90.3	85	115	05/09/2025
Magnesium		0.0500		**4.29**	5.000	0	85.9	85	115	05/09/2025
Magnesium		0.050		**4.29**	5.000	0	85.9	85	115	05/09/2025
Potassium		0.100		**4.54**	5.000	0	90.8	85	115	05/09/2025
Potassium		0.100		**4.54**	5.000	0	90.8	85	115	05/09/2025
Sodium		0.0500		**4.67**	5.000	0	93.4	85	115	05/09/2025
Sodium		0.050		**4.67**	5.000	0	93.4	85	115	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238867 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238867

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	05/09/2025
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	05/09/2025
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	05/09/2025
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	05/09/2025
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	05/09/2025
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	05/09/2025
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	05/09/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/09/2025
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	05/09/2025
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	05/09/2025
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	05/09/2025
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	05/09/2025
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	05/09/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/09/2025
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	05/09/2025
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	05/09/2025
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	05/09/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/09/2025
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	05/09/2025
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	05/09/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/09/2025
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	05/09/2025
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	05/09/2025
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238867 **SampType:** LCS Units **mg/L**
SampID: LCS-238867

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**3.47**	4.000	0	86.8	85	115	05/09/2025
Antimony		0.0500		**0.920**	1.000	0	92.0	85	115	05/09/2025
Arsenic		0.0250		**0.899**	1.000	0	89.9	85	115	05/09/2025
Barium		0.0025		**3.62**	4.000	0	90.5	85	115	05/09/2025
Beryllium		0.0005		**0.0884**	0.1000	0	88.4	85	115	05/09/2025
Boron		0.0200		**0.859**	1.000	0	85.9	85	115	05/09/2025
Cadmium		0.0020		**0.0883**	0.1000	0	88.3	85	115	05/09/2025
Calcium		0.100		**4.47**	5.000	0	89.4	85	115	05/09/2025
Chromium		0.0050		**0.363**	0.4000	0	90.7	85	115	05/09/2025
Cobalt		0.0050		**0.911**	1.000	0	91.1	85	115	05/09/2025
Copper		0.0050		**0.450**	0.5000	0	90.0	85	115	05/09/2025
Iron		0.0400		**3.63**	4.000	0	90.8	85	115	05/09/2025
Lead		0.0150		**0.895**	1.000	0	89.5	85	115	05/09/2025
Magnesium		0.050		**2.34**	2.500	0	93.7	85	115	05/13/2025
Manganese		0.0070		**0.880**	1.000	0	88.0	85	115	05/09/2025
Molybdenum		0.0100		**0.895**	1.000	0	89.5	85	115	05/09/2025
Nickel		0.0050		**0.902**	1.000	0	90.2	85	115	05/09/2025
Potassium		0.100		**4.37**	5.000	0	87.5	85	115	05/09/2025
Selenium		0.0400		**0.862**	1.000	0	86.2	85	115	05/09/2025
Silver		0.0070		**0.0897**	0.1000	0	89.7	85	115	05/09/2025
Sodium		0.0500		**4.47**	5.000	0	89.5	85	115	05/09/2025
Thallium		0.0500		**0.440**	0.5000	0	88.0	85	115	05/09/2025
Vanadium		0.0100		**0.908**	1.000	0	90.8	85	115	05/09/2025
Zinc		0.0100		**0.884**	1.000	0	88.4	85	115	05/09/2025

Batch 238867 **SampType:** MS Units **mg/L**
SampID: 25040375-010DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.050		**24.8**	2.500	22.55	89.7	75	125	05/13/2025

Batch 238867 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25040375-010DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium		0.050		**25.0**	2.500	22.55	97.4	24.79	0.77	05/13/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

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

Batch 238389 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238389

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/01/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/01/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/01/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/01/2025

Batch 238389 **SampType:** LCS Units **mg/L**
SampID: LCS-238389

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.87**	5.000	0	97.5	85	115	05/01/2025
Magnesium		0.0500		**4.80**	5.000	0	96.0	85	115	05/01/2025
Potassium		0.100		**4.87**	5.000	0	97.3	85	115	05/01/2025
Sodium		0.0500		**4.88**	5.000	0	97.7	85	115	05/01/2025

Batch 238421 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238421

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/02/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/02/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/02/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/02/2025

Batch 238421 **SampType:** LCS Units **mg/L**
SampID: LCS-238421

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**5.00**	5.000	0	99.9	85	115	05/02/2025
Magnesium		0.0500		**4.78**	5.000	0	95.6	85	115	05/02/2025
Potassium		0.100		**5.23**	5.000	0	104.5	85	115	05/02/2025
Sodium		0.0500		**5.18**	5.000	0	103.5	85	115	05/02/2025

Batch 238513 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238513

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/05/2025
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	05/05/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/05/2025
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238513 **SampType:** LCS Units **mg/L**
SampID: LCS-238513

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**5.28**	5.000	0	105.6	85	115	05/05/2025
Magnesium		0.050		**5.09**	5.000	0	101.8	85	115	05/05/2025
Potassium		0.100		**5.03**	5.000	0	100.5	85	115	05/05/2025
Sodium		0.050		**5.16**	5.000	0	103.1	85	115	05/05/2025

Batch 238513 **SampType:** MS Units **mg/L**
SampID: 25041418-038CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**192**	5.000	183.8	157.2	75	125	05/05/2025
Magnesium		0.050	S	**104**	5.000	96.94	132.2	75	125	05/05/2025
Potassium		0.100	E	**10.1**	5.000	4.135	119.1	75	125	05/05/2025
Sodium		0.050		**103**	5.000	97.50	112.8	75	125	05/05/2025

Batch 238513 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25041418-038CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**182**	5.000	183.8	-42.2	191.7	5.34	05/05/2025
Magnesium		0.050	S	**97.7**	5.000	96.94	15.8	103.5	5.79	05/05/2025
Potassium		0.100	E	**10.1**	5.000	4.135	118.9	10.09	0.10	05/05/2025
Sodium		0.050		**101**	5.000	97.50	77.0	103.1	1.75	05/05/2025

Batch 238514 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238514

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/05/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/05/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/05/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/05/2025

Batch 238514 **SampType:** LCS Units **mg/L**
SampID: LCS-238514

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.77**	5.000	0	95.4	85	115	05/05/2025
Magnesium		0.0500		**4.87**	5.000	0	97.5	85	115	05/05/2025
Potassium		0.100		**5.37**	5.000	0	107.3	85	115	05/05/2025
Sodium		0.0500		**5.17**	5.000	0	103.4	85	115	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238514 **SampType:** MS Units **mg/L**
SampID: 25041418-072BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**165**	5.000	158.1	135.4	75	125	05/05/2025
Magnesium		0.050		**134**	5.000	128.5	117.2	75	125	05/05/2025
Potassium		0.100		**7.31**	5.000	1.998	106.3	75	125	05/05/2025
Sodium		0.050	S	**154**	5.000	151.3	60.8	75	125	05/05/2025

Batch 238514 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25041418-072BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**169**	5.000	158.1	218.8	164.9	2.50	05/05/2025
Magnesium		0.050	S	**138**	5.000	128.5	187.5	134.4	2.58	05/05/2025
Potassium		0.100		**7.46**	5.000	1.998	109.3	7.313	2.01	05/05/2025
Sodium		0.050	S	**158**	5.000	151.3	144.0	154.3	2.66	05/05/2025

Batch 238555 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238555

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/05/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/05/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/05/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/05/2025

Batch 238555 **SampType:** LCS Units **mg/L**
SampID: LCS-238555

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.80**	5.000	0	96.0	85	115	05/05/2025
Magnesium		0.0500		**4.91**	5.000	0	98.2	85	115	05/05/2025
Potassium		0.100		**5.53**	5.000	0	110.7	85	115	05/05/2025
Sodium		0.0500		**5.33**	5.000	0	106.6	85	115	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238633 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238633

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/06/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/06/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/06/2025
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	05/06/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/06/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/06/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/06/2025
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	05/06/2025

Batch 238633 **SampType:** LCS Units **mg/L**
SampID: LCS-238633

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.85**	5.000	0	97.1	85	115	05/06/2025
Calcium		0.100		**4.85**	5.000	0	97.1	85	115	05/06/2025
Magnesium		0.0500		**4.62**	5.000	0	92.4	85	115	05/06/2025
Magnesium		0.050		**4.62**	5.000	0	92.4	85	115	05/06/2025
Potassium		0.100		**4.96**	5.000	0	99.2	85	115	05/06/2025
Potassium		0.100		**4.96**	5.000	0	99.2	85	115	05/06/2025
Sodium		0.0500		**5.06**	5.000	0	101.2	85	115	05/06/2025
Sodium		0.050		**5.06**	5.000	0	101.2	85	115	05/06/2025

Batch 238652 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238652

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/06/2025
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	05/06/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/06/2025
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	05/06/2025

Batch 238652 **SampType:** LCS Units **mg/L**
SampID: LCS-238652

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.70**	5.000	0	93.9	85	115	05/06/2025
Magnesium		0.050		**4.51**	5.000	0	90.3	85	115	05/06/2025
Potassium		0.100		**4.69**	5.000	0	93.7	85	115	05/06/2025
Sodium		0.050		**4.78**	5.000	0	95.7	85	115	05/06/2025

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Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238652 **SampType:** MS Units **mg/L**
SampID: 25041418-100CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**144**	5.000	135.9	169.4	75	125	05/06/2025
Magnesium		0.050	S	**77.3**	5.000	70.39	137.1	75	125	05/06/2025
Potassium		0.100		**5.27**	5.000	0.4338	96.7	75	125	05/06/2025
Sodium		0.050		**51.7**	5.000	46.37	107.0	75	125	05/06/2025

Batch 238652 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25041418-100CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**146**	5.000	135.9	196.2	144.4	0.92	05/06/2025
Magnesium		0.050	S	**78.0**	5.000	70.39	151.5	77.25	0.93	05/06/2025
Potassium		0.100		**5.25**	5.000	0.4338	96.2	5.268	0.41	05/06/2025
Sodium		0.050		**51.9**	5.000	46.37	110.8	51.72	0.37	05/06/2025

Batch 238743 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238743

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/09/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/08/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/08/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/09/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/09/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/08/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/08/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/09/2025

Batch 238743 **SampType:** LCS Units **mg/L**
SampID: LCS-238743

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**5.22**	5.000	0	104.4	85	115	05/09/2025
Calcium		0.100		**4.95**	5.000	0	99.0	85	115	05/08/2025
Magnesium		0.0500		**4.95**	5.000	0	98.9	85	115	05/09/2025
Magnesium		0.0500		**4.71**	5.000	0	94.1	85	115	05/08/2025
Potassium		0.100		**4.98**	5.000	0	99.5	85	115	05/08/2025
Potassium		0.100		**5.10**	5.000	0	102.1	85	115	05/09/2025
Sodium		0.0500		**5.36**	5.000	0	107.3	85	115	05/09/2025
Sodium		0.0500		**5.06**	5.000	0	101.3	85	115	05/08/2025

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Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238803 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238803

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	05/09/2025
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	05/09/2025
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	05/09/2025
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	05/09/2025
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	05/09/2025
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	05/09/2025
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	05/09/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/09/2025
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	05/09/2025
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	05/09/2025
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	05/09/2025
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	05/09/2025
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	05/09/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/09/2025
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	05/09/2025
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	05/09/2025
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	05/09/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/09/2025
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	05/09/2025
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	05/09/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/09/2025
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	05/09/2025
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	05/09/2025
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238803 **SampType:** LCS Units **mg/L**
SampID: LCS-238803

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**4.07**	4.000	0	101.8	85	115	05/09/2025
Antimony		0.0500		**1.08**	1.000	0	108.1	85	115	05/09/2025
Arsenic		0.0250		**1.04**	1.000	0	104.3	85	115	05/09/2025
Barium		0.0025		**4.11**	4.000	0	102.8	85	115	05/09/2025
Beryllium		0.0005		**0.104**	0.1000	0	104.2	85	115	05/09/2025
Boron		0.0200		**1.01**	1.000	0	100.9	85	115	05/09/2025
Cadmium		0.0020		**0.100**	0.1000	0	100.4	85	115	05/09/2025
Calcium		0.100		**5.29**	5.000	0	105.8	85	115	05/09/2025
Chromium		0.0050		**0.420**	0.4000	0	105.1	85	115	05/09/2025
Cobalt		0.0050		**1.08**	1.000	0	107.8	85	115	05/09/2025
Copper		0.0050		**0.541**	0.5000	0	108.1	85	115	05/09/2025
Iron		0.0400		**4.25**	4.000	0	106.2	85	115	05/09/2025
Lead		0.0150		**1.03**	1.000	0	103.2	85	115	05/09/2025
Magnesium		0.0500		**4.90**	5.000	0	98.0	85	115	05/09/2025
Manganese		0.0070		**1.02**	1.000	0	102.2	85	115	05/09/2025
Molybdenum		0.0100		**1.05**	1.000	0	104.5	85	115	05/09/2025
Nickel		0.0050		**1.04**	1.000	0	104.3	85	115	05/09/2025
Potassium		0.100		**5.10**	5.000	0	102.0	85	115	05/09/2025
Selenium		0.0400		**1.03**	1.000	0	102.5	85	115	05/09/2025
Silver		0.0070		**0.106**	0.1000	0	105.8	85	115	05/09/2025
Sodium		0.0500		**5.27**	5.000	0	105.4	85	115	05/09/2025
Thallium		0.0500		**0.510**	0.5000	0	102.0	85	115	05/09/2025
Vanadium		0.0100		**1.06**	1.000	0	105.8	85	115	05/09/2025
Zinc		0.0100		**1.03**	1.000	0	103.4	85	115	05/09/2025

Batch 238803 **SampType:** MS Units **mg/L**
SampID: 25041418-057BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**267**	5.000	273.8	-130.8	75	125	05/09/2025
Magnesium		0.050	S	**93.3**	5.000	92.60	13.9	75	125	05/09/2025
Potassium		0.100		**7.02**	5.000	2.195	96.6	75	125	05/09/2025
Sodium		0.050	S	**138**	5.000	138.5	-12.2	75	125	05/09/2025

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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238803 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25041418-057BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**275**	5.000	273.8	29.8	267.2	2.96	05/09/2025
Magnesium		0.050		**96.9**	5.000	92.60	86.8	93.30	3.83	05/09/2025
Potassium		0.100		**7.31**	5.000	2.195	102.3	7.023	3.99	05/09/2025
Sodium		0.050		**144**	5.000	138.5	105.2	137.9	4.17	05/09/2025

Batch 238803 **SampType:** MS Units **mg/L**
SampID: 25041418-099CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**69.1**	5.000	62.08	140.8	75	125	05/09/2025
Magnesium		0.050		**30.7**	5.000	25.01	113.7	75	125	05/09/2025
Potassium		0.100		**5.78**	5.000	0.7144	101.4	75	125	05/09/2025
Sodium		0.050		**76.8**	5.000	71.53	105.8	75	125	05/09/2025

Batch 238803 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25041418-099CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**66.1**	5.000	62.08	79.6	69.12	4.53	05/09/2025
Magnesium		0.050		**29.2**	5.000	25.01	84.1	30.70	4.94	05/09/2025
Potassium		0.100		**5.64**	5.000	0.7144	98.5	5.782	2.47	05/09/2025
Sodium		0.050	S	**73.8**	5.000	71.53	44.4	76.82	4.08	05/09/2025

Batch 238907 **SampType:** MBLK Units **mg/L**
SampID: MBLK-238907

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/15/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	05/13/2025
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	05/15/2025
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	05/13/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/13/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/15/2025
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	05/13/2025
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	05/15/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238907 **SampType:** LCS Units **mg/L**
SampID: LCS-238907

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**5.62**	5.000	0	112.4	85	115	05/13/2025
Calcium		0.100		**5.05**	5.000	0	101.0	85	115	05/15/2025
Magnesium		0.050		**5.23**	5.000	0	104.7	85	115	05/13/2025
Magnesium		0.050		**4.87**	5.000	0	97.3	85	115	05/15/2025
Potassium		0.100		**5.62**	5.000	0	112.4	85	115	05/13/2025
Potassium		0.100		**5.30**	5.000	0	106.0	85	115	05/15/2025
Sodium		0.050		**5.41**	5.000	0	108.2	85	115	05/15/2025
Sodium		0.050		**5.74**	5.000	0	114.9	85	115	05/13/2025

Batch 238907 **SampType:** MS Units **mg/L**
SampID: 25050826-027BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**181**	5.000	176.4	100.2	75	125	05/13/2025
Magnesium		0.050		**30.8**	5.000	24.93	118.3	75	125	05/15/2025
Sodium		0.050		**14.8**	5.000	10.18	93.2	75	125	05/13/2025

Batch 238907 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25050826-027BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**185**	5.000	176.4	177.4	181.4	2.11	05/13/2025
Magnesium		0.050		**31.0**	5.000	24.93	121.2	30.85	0.47	05/15/2025
Sodium		0.050		**15.0**	5.000	10.18	97.4	14.84	1.41	05/13/2025

Batch 238907 **SampType:** MS Units **mg/L**
SampID: 25050826-033BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**5.55**	5.000	0.06360	109.7	75	125	05/13/2025
Magnesium		0.050		**4.76**	5.000	0.01290	94.8	75	125	05/15/2025
Sodium		0.050		**5.82**	5.000	0.1500	113.3	75	125	05/13/2025

Batch 238907 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25050826-033BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**5.57**	5.000	0.06360	110.1	5.550	0.36	05/13/2025
Magnesium		0.050		**4.83**	5.000	0.01290	96.3	4.755	1.53	05/15/2025
Sodium		0.050		**5.80**	5.000	0.1500	113.0	5.815	0.27	05/13/2025

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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 240141 **SampType:** MBLK Units **mg/L**
SampID: MBLK-240141

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	06/06/2025
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	06/06/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	06/06/2025

Batch 240141 **SampType:** LCS Units **mg/L**
SampID: LCS-240141

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		**4.14**	4.000	0	103.5	85	115	06/06/2025
Boron		0.0200		**1.03**	1.000	0	102.8	85	115	06/06/2025
Calcium		0.100		**5.36**	5.000	0	107.2	85	115	06/06/2025

Batch 240141 **SampType:** MS Units **mg/L**
SampID: 25051210-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		**4.11**	4.000	0.04000	101.8	75	125	06/06/2025
Boron		0.0200		**10.8**	1.000	9.979	78.4	75	125	06/06/2025
Calcium		0.100	S	**181**	5.000	181.9	-9.8	75	125	06/06/2025

Batch 240141 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25051210-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Barium		0.0025		**3.95**	4.000	0.04000	97.8	4.110	3.97	06/06/2025
Boron		0.0200	S	**10.4**	1.000	9.979	44.7	10.76	3.18	06/06/2025
Calcium		0.100	S	**176**	5.000	181.9	-114.8	181.4	2.94	06/06/2025

Batch 240141 **SampType:** MS Units **mg/L**
SampID: 25051210-009CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		**4.00**	4.000	0.0007000	100.0	75	125	06/06/2025
Boron		0.0200		**1.01**	1.000	0.01200	99.5	75	125	06/06/2025
Calcium		0.100		**5.17**	5.000	0.03520	102.7	75	125	06/06/2025

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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 240141 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25051210-009CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Barium		0.0025		**3.96**	4.000	0.0007000	99.0	4.000	1.01	06/06/2025
Boron		0.0200		**0.998**	1.000	0.01200	98.6	1.007	0.91	06/06/2025
Calcium		0.100		**5.13**	5.000	0.03520	101.9	5.170	0.78	06/06/2025

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

Batch 238393 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238393

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	05/02/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/01/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/01/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/01/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/01/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/01/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/01/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/01/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/01/2025
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	05/02/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/01/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/01/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/01/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/01/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/01/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/01/2025
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	05/01/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/01/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/01/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/01/2025

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Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238393 **SampType:** LCS Units **µg/L**
SampID: LCS-238393

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3800**	4000	0	95.0	80	120	05/02/2025
Antimony		1.0		**983**	1000	0	98.3	80	120	05/01/2025
Arsenic		1.0		**935**	1000	0	93.5	80	120	05/01/2025
Barium		1.0		**3980**	4000	0	99.6	80	120	05/01/2025
Beryllium		1.0		**87.8**	100.0	0	87.8	80	120	05/01/2025
Boron		25.0		**871**	1000	0	87.1	80	120	05/01/2025
Cadmium		1.0		**98.3**	100.0	0	98.3	80	120	05/01/2025
Chromium		1.5		**363**	400.0	0	90.7	80	120	05/01/2025
Cobalt		1.0		**869**	1000	0	86.9	80	120	05/01/2025
Copper		1.0		**462**	500.0	0	92.5	80	120	05/02/2025
Iron		25.0		**3610**	4000	0	90.2	80	120	05/01/2025
Lead		1.0		**908**	1000	0	90.8	80	120	05/01/2025
Manganese		2.0		**912**	1000	0	91.2	80	120	05/01/2025
Molybdenum		1.5		**948**	1000	0	94.8	80	120	05/01/2025
Nickel		1.0		**907**	1000	0	90.7	80	120	05/01/2025
Selenium		1.0		**936**	1000	0	93.6	80	120	05/01/2025
Silver		1.0		**101**	100.0	0	100.9	80	120	05/01/2025
Thallium		2.0		**452**	500.0	0	90.3	80	120	05/01/2025
Vanadium		5.0		**906**	1000	0	90.6	80	120	05/01/2025
Zinc		15.0		**904**	1000	0	90.4	80	120	05/01/2025

Batch 238393 **SampType:** MS Units **µg/L**
SampID: 25042583-001KMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**909**	1000	1.031	90.8	75	125	05/02/2025
Boron		25.0		**939**	1000	83.36	85.6	75	125	05/02/2025
Cadmium		1.0		**101**	100.0	0	101.3	75	125	05/02/2025
Chromium		1.5		**348**	400.0	0.7153	86.9	75	125	05/02/2025
Lead		1.0		**932**	1000	0	93.2	75	125	05/02/2025
Zinc		14.0		**858**	1000	0	85.8	75	125	05/02/2025

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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238393 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25042583-001KMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**972**	1000	1.031	97.1	908.7	6.73	05/02/2025
Boron		25.0		**955**	1000	83.36	87.2	939.1	1.70	05/02/2025
Cadmium		1.0		**99.5**	100.0	0	99.5	101.3	1.76	05/02/2025
Chromium		1.5		**360**	400.0	0.7153	89.8	348.1	3.33	05/02/2025
Lead		1.0		**909**	1000	0	90.9	932.4	2.53	05/02/2025
Zinc		14.0		**911**	1000	0	91.1	857.8	6.01	05/02/2025

Batch 238404 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238404

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	05/02/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/01/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/01/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/01/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/01/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/01/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/01/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/01/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/01/2025
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	05/02/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/01/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/01/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/01/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/01/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/01/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/01/2025
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	05/01/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/01/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/01/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/01/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238404 **SampType:** LCS Units **µg/L**
SampID: LCS-238404

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3750**	4000	0	93.8	80	120	05/02/2025
Antimony		1.0		**993**	1000	0	99.3	80	120	05/01/2025
Arsenic		1.0		**991**	1000	0	99.1	80	120	05/01/2025
Barium		1.0		**4050**	4000	0	101.2	80	120	05/01/2025
Beryllium		1.0		**87.6**	100.0	0	87.6	80	120	05/01/2025
Boron		25.0		**873**	1000	0	87.3	80	120	05/01/2025
Cadmium		1.0		**98.5**	100.0	0	98.5	80	120	05/01/2025
Chromium		1.5		**372**	400.0	0	93.0	80	120	05/01/2025
Cobalt		1.0		**896**	1000	0	89.6	80	120	05/01/2025
Copper		1.0		**477**	500.0	0	95.5	80	120	05/02/2025
Iron		25.0		**3700**	4000	0	92.5	80	120	05/01/2025
Lead		1.0		**919**	1000	0	91.9	80	120	05/01/2025
Manganese		2.0		**928**	1000	0	92.8	80	120	05/01/2025
Molybdenum		1.5		**968**	1000	0	96.8	80	120	05/01/2025
Nickel		1.0		**929**	1000	0	92.9	80	120	05/01/2025
Selenium		1.0		**978**	1000	0	97.8	80	120	05/01/2025
Silver		1.0		**101**	100.0	0	100.9	80	120	05/01/2025
Thallium		2.0		**452**	500.0	0	90.5	80	120	05/01/2025
Vanadium		5.0		**927**	1000	0	92.7	80	120	05/01/2025
Zinc		15.0		**941**	1000	0	94.1	80	120	05/01/2025

Batch 238404 **SampType:** MS Units **µg/L**
SampID: 25042694-007CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**991**	1000	0	99.1	75	125	05/01/2025
Arsenic		1.0		**940**	1000	33.83	90.7	75	125	05/01/2025
Lead		1.0		**904**	1000	0	90.4	75	125	05/01/2025
Selenium		1.0		**932**	1000	0	93.2	75	125	05/01/2025
Thallium		2.0		**451**	500.0	0	90.1	75	125	05/01/2025

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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238404 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25042694-007CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**980**	1000	0	98.0	990.5	1.10	05/01/2025
Arsenic		1.0		**893**	1000	33.83	85.9	940.5	5.21	05/01/2025
Lead		1.0		**870**	1000	0	87.0	904.0	3.86	05/01/2025
Selenium		1.0		**877**	1000	0	87.7	931.8	6.05	05/01/2025
Thallium		2.0		**433**	500.0	0	86.7	450.7	3.92	05/01/2025

Batch 238543 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238543

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	05/05/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/05/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/05/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/05/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/05/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/05/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/05/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/05/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/05/2025
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	05/05/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/05/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/05/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/05/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/05/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/05/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/05/2025
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	05/05/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/05/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/05/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238543 **SampType:** LCS Units **µg/L**
SampID: LCS-238543

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3600**	4000	0	90.1	80	120	05/05/2025
Antimony		1.0		**949**	1000	0	94.9	80	120	05/05/2025
Arsenic		1.0		**902**	1000	0	90.2	80	120	05/05/2025
Barium		1.0		**4050**	4000	0	101.3	80	120	05/05/2025
Beryllium		1.0		**85.4**	100.0	0	85.4	80	120	05/05/2025
Boron		25.0		**887**	1000	0	88.7	80	120	05/05/2025
Cadmium		1.0		**95.5**	100.0	0	95.5	80	120	05/05/2025
Chromium		1.5		**361**	400.0	0	90.3	80	120	05/05/2025
Cobalt		1.0		**891**	1000	0	89.1	80	120	05/05/2025
Copper		1.0		**459**	500.0	0	91.7	80	120	05/05/2025
Iron		25.0		**3520**	4000	0	87.9	80	120	05/05/2025
Lead		1.0		**922**	1000	0	92.2	80	120	05/05/2025
Manganese		2.0		**906**	1000	0	90.6	80	120	05/05/2025
Molybdenum		1.5		**904**	1000	0	90.4	80	120	05/05/2025
Nickel		1.0		**889**	1000	0	88.9	80	120	05/05/2025
Selenium		1.0		**969**	1000	0	96.9	80	120	05/05/2025
Silver		1.0		**98.9**	100.0	0	98.9	80	120	05/05/2025
Thallium		2.0		**455**	500.0	0	90.9	80	120	05/05/2025
Vanadium		5.0		**891**	1000	0	89.1	80	120	05/05/2025
Zinc		15.0		**876**	1000	0	87.6	80	120	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238543 **SampType:** MS Units **µg/L**
SampID: 25041418-008DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3680**	4000	0	92.0	75	125	05/05/2025
Antimony		1.0		**978**	1000	0	97.8	75	125	05/05/2025
Arsenic		1.0		**937**	1000	0	93.7	75	125	05/05/2025
Barium		1.0		**4050**	4000	69.51	99.5	75	125	05/05/2025
Beryllium		1.0		**87.5**	100.0	0	87.5	75	125	05/05/2025
Boron		25.0		**943**	1000	29.68	91.3	75	125	05/05/2025
Cadmium		1.0		**94.3**	100.0	0	94.3	75	125	05/05/2025
Cobalt		1.0		**882**	1000	0	88.2	75	125	05/05/2025
Copper		1.0		**449**	500.0	1.129	89.6	75	125	05/05/2025
Iron		25.0		**3550**	4000	0	88.9	75	125	05/05/2025
Lead		1.0		**932**	1000	0	93.2	75	125	05/05/2025
Manganese		2.0		**918**	1000	1.321	91.6	75	125	05/05/2025
Molybdenum		1.5		**929**	1000	1.494	92.8	75	125	05/05/2025
Nickel		1.0		**874**	1000	0.5981	87.3	75	125	05/05/2025
Selenium		1.0		**1020**	1000	0	101.9	75	125	05/05/2025
Silver		1.0		**96.9**	100.0	0	96.9	75	125	05/05/2025
Thallium		2.0		**448**	500.0	0	89.6	75	125	05/05/2025
Vanadium		5.0		**926**	1000	0	92.6	75	125	05/05/2025
Zinc		15.0		**887**	1000	0	88.7	75	125	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238543 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-008DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**3740**	4000	0	93.4	3678	1.58	05/05/2025
Antimony		1.0		**993**	1000	0	99.3	977.8	1.55	05/05/2025
Arsenic		1.0		**994**	1000	0	99.4	936.9	5.89	05/05/2025
Barium		1.0		**4190**	4000	69.51	103.1	4050	3.43	05/05/2025
Beryllium		1.0		**90.3**	100.0	0	90.3	87.46	3.23	05/05/2025
Boron		25.0		**947**	1000	29.68	91.8	942.6	0.52	05/05/2025
Cadmium		1.0		**95.9**	100.0	0	95.9	94.25	1.73	05/05/2025
Cobalt		1.0		**921**	1000	0	92.1	882.2	4.29	05/05/2025
Copper		1.0		**470**	500.0	1.129	93.9	449.1	4.65	05/05/2025
Iron		25.0		**3680**	4000	0	92.1	3555	3.57	05/05/2025
Lead		1.0		**950**	1000	0	95.0	932.1	1.90	05/05/2025
Manganese		2.0		**947**	1000	1.321	94.6	917.6	3.18	05/05/2025
Molybdenum		1.5		**977**	1000	1.494	97.5	929.4	4.99	05/05/2025
Nickel		1.0		**911**	1000	0.5981	91.0	874.0	4.10	05/05/2025
Selenium		1.0		**1090**	1000	0	108.5	1019	6.32	05/05/2025
Silver		1.0		**98.7**	100.0	0	98.7	96.95	1.82	05/05/2025
Thallium		2.0		**461**	500.0	0	92.1	447.9	2.80	05/05/2025
Vanadium		5.0		**944**	1000	0	94.4	925.6	2.00	05/05/2025
Zinc		15.0		**922**	1000	0	92.2	887.2	3.80	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238543 **SampType:** MS Units **µg/L**
SampID: 25041418-041DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3740**	4000	0	93.5	75	125	05/05/2025
Antimony		1.0		**978**	1000	0	97.8	75	125	05/05/2025
Arsenic		1.0		**939**	1000	1.858	93.7	75	125	05/05/2025
Barium		1.0		**4150**	4000	67.51	102.0	75	125	05/05/2025
Beryllium		1.0		**87.2**	100.0	0	87.2	75	125	05/05/2025
Boron		25.0		**968**	1000	93.35	87.5	75	125	05/05/2025
Cadmium		1.0		**93.5**	100.0	0	93.5	75	125	05/05/2025
Chromium		1.5		**369**	400.0	0	92.2	75	125	05/05/2025
Cobalt		1.0		**885**	1000	0.5060	88.4	75	125	05/05/2025
Copper		1.0		**440**	500.0	0.8795	87.7	75	125	05/05/2025
Iron		50.0		**4570**	4000	1099	86.8	75	125	05/06/2025
Lead		1.0		**940**	1000	0	94.0	75	125	05/05/2025
Manganese		4.0		**1280**	1000	401.3	87.4	75	125	05/06/2025
Molybdenum		1.5		**933**	1000	0	93.3	75	125	05/05/2025
Nickel		1.0		**876**	1000	0.9002	87.5	75	125	05/05/2025
Selenium		1.0		**996**	1000	0	99.6	75	125	05/05/2025
Silver		1.0		**94.6**	100.0	0	94.6	75	125	05/05/2025
Thallium		2.0		**455**	500.0	0	91.0	75	125	05/05/2025
Vanadium		5.0		**926**	1000	0	92.6	75	125	05/05/2025
Zinc		15.0		**850**	1000	0	85.0	75	125	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238543 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-041DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**3750**	4000	0	93.6	3741	0.11	05/05/2025
Antimony		1.0		**1020**	1000	0	101.9	978.1	4.07	05/05/2025
Arsenic		1.0		**996**	1000	1.858	99.4	938.8	5.89	05/05/2025
Barium		1.0		**4200**	4000	67.51	103.4	4147	1.39	05/05/2025
Beryllium		1.0		**88.2**	100.0	0	88.2	87.17	1.21	05/05/2025
Boron		25.0		**974**	1000	93.35	88.1	967.9	0.64	05/05/2025
Cadmium		1.0		**96.5**	100.0	0	96.5	93.54	3.09	05/05/2025
Chromium		1.5		**374**	400.0	0	93.5	368.8	1.39	05/05/2025
Cobalt		1.0		**913**	1000	0.5060	91.3	884.5	3.17	05/05/2025
Copper		1.0		**466**	500.0	0.8795	93.0	439.6	5.85	05/05/2025
Iron		50.0		**4560**	4000	1099	86.5	4573	0.32	05/06/2025
Lead		1.0		**955**	1000	0	95.5	940.4	1.54	05/05/2025
Manganese		4.0		**1290**	1000	401.3	89.1	1275	1.30	05/06/2025
Molybdenum		1.5		**983**	1000	0	98.3	932.7	5.26	05/05/2025
Nickel		1.0		**908**	1000	0.9002	90.7	876.2	3.51	05/05/2025
Selenium		1.0		**1060**	1000	0	106.4	995.9	6.61	05/05/2025
Silver		1.0		**98.2**	100.0	0	98.2	94.56	3.74	05/05/2025
Thallium		2.0		**461**	500.0	0	92.3	455.0	1.39	05/05/2025
Vanadium		5.0		**948**	1000	0	94.8	926.5	2.26	05/05/2025
Zinc		15.0		**894**	1000	0	89.4	850.1	5.01	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238546 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238546

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	05/05/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/05/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/05/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/05/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/05/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/05/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/05/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/05/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/05/2025
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	05/05/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/05/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/05/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/05/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/05/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/05/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/05/2025
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	05/05/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/05/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/05/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238546 **SampType:** LCS Units µg/L
SampID: LCS-238546

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3640**	4000	0	90.9	80	120	05/05/2025
Antimony		1.0		**936**	1000	0	93.6	80	120	05/05/2025
Arsenic		1.0		**967**	1000	0	96.7	80	120	05/05/2025
Barium		1.0		**3980**	4000	0	99.5	80	120	05/05/2025
Beryllium		1.0		**84.5**	100.0	0	84.5	80	120	05/05/2025
Boron		25.0		**849**	1000	0	84.9	80	120	05/05/2025
Cadmium		1.0		**92.7**	100.0	0	92.7	80	120	05/05/2025
Chromium		1.5		**379**	400.0	0	94.8	80	120	05/05/2025
Cobalt		1.0		**927**	1000	0	92.7	80	120	05/05/2025
Copper		1.0		**490**	500.0	0	97.9	80	120	05/05/2025
Iron		25.0		**3650**	4000	0	91.3	80	120	05/05/2025
Lead		1.0		**916**	1000	0	91.6	80	120	05/05/2025
Manganese		2.0		**940**	1000	0	94.0	80	120	05/05/2025
Molybdenum		1.5		**920**	1000	0	92.0	80	120	05/05/2025
Nickel		1.0		**938**	1000	0	93.8	80	120	05/05/2025
Selenium		1.0		**1020**	1000	0	102.1	80	120	05/05/2025
Silver		1.0		**98.8**	100.0	0	98.8	80	120	05/05/2025
Thallium		2.0		**450**	500.0	0	89.9	80	120	05/05/2025
Vanadium		5.0		**929**	1000	0	92.9	80	120	05/05/2025
Zinc		15.0		**909**	1000	0	90.9	80	120	05/05/2025

Batch 238546 **SampType:** MS Units µg/L
SampID: 25050151-007GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		1.0		**4210**	4000	148.3	101.5	75	125	05/05/2025
Cadmium		1.0		**90.3**	100.0	0	90.3	75	125	05/05/2025
Chromium		1.5		**365**	400.0	0	91.3	75	125	05/05/2025
Iron		25.0		**3570**	4000	0	89.3	75	125	05/05/2025
Lead		1.0		**914**	1000	0	91.4	75	125	05/05/2025
Manganese		2.0		**1190**	1000	290.6	90.2	75	125	05/05/2025
Nickel		1.0		**1020**	1000	163.4	85.7	75	125	05/05/2025
Zinc		15.0		**871**	1000	0	87.1	75	125	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238546 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25050151-007GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Barium		1.0		**4330**	4000	148.3	104.5	4207	2.86	05/05/2025
Cadmium		1.0		**99.8**	100.0	0	99.8	90.32	10.00	05/05/2025
Chromium		1.5		**372**	400.0	0	93.1	365.3	1.88	05/05/2025
Iron		25.0		**3580**	4000	0	89.5	3571	0.21	05/05/2025
Lead		1.0		**935**	1000	0	93.5	914.0	2.29	05/05/2025
Manganese		2.0		**1200**	1000	290.6	91.2	1192	0.85	05/05/2025
Nickel		1.0		**1030**	1000	163.4	86.5	1020	0.78	05/05/2025
Zinc		15.0		**888**	1000	0	88.8	871.1	1.91	05/05/2025

Batch 238617 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238617

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	05/06/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/07/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/06/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/06/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/06/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/06/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/06/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/06/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/06/2025
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	05/06/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/06/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/06/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/06/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/06/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/06/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/06/2025
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	05/06/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/06/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/06/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238617 **SampType:** LCS Units µg/L
SampID: LCS-238617

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3980**	4000	0	99.4	80	120	05/06/2025
Antimony		1.0		**1010**	1000	0	100.8	80	120	05/07/2025
Arsenic		1.0		**952**	1000	0	95.2	80	120	05/06/2025
Barium		1.0		**4200**	4000	0	105.1	80	120	05/06/2025
Beryllium		1.0		**88.2**	100.0	0	88.2	80	120	05/06/2025
Boron		25.0		**912**	1000	0	91.2	80	120	05/06/2025
Cadmium		1.0		**101**	100.0	0	101.1	80	120	05/06/2025
Chromium		1.5		**373**	400.0	0	93.3	80	120	05/06/2025
Cobalt		1.0		**940**	1000	0	94.0	80	120	05/06/2025
Copper		1.0		**489**	500.0	0	97.7	80	120	05/06/2025
Iron		25.0		**3670**	4000	0	91.8	80	120	05/06/2025
Lead		1.0		**922**	1000	0	92.2	80	120	05/06/2025
Manganese		2.0		**952**	1000	0	95.2	80	120	05/06/2025
Molybdenum		1.5		**959**	1000	0	95.9	80	120	05/06/2025
Nickel		1.0		**934**	1000	0	93.4	80	120	05/06/2025
Selenium		1.0		**976**	1000	0	97.6	80	120	05/06/2025
Silver		1.0		**103**	100.0	0	102.8	80	120	05/06/2025
Thallium		2.0		**451**	500.0	0	90.2	80	120	05/06/2025
Vanadium		5.0		**921**	1000	0	92.1	80	120	05/06/2025
Zinc		15.0		**937**	1000	0	93.7	80	120	05/06/2025

Batch 238617 **SampType:** MS Units µg/L
SampID: 25041418-081CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3940**	4000	0	98.6	75	125	05/06/2025
Arsenic		1.0		**927**	1000	0	92.7	75	125	05/06/2025
Boron		25.0		**995**	1000	89.54	90.5	75	125	05/06/2025
Copper		1.0		**448**	500.0	2.843	89.0	75	125	05/06/2025
Iron		25.0		**3540**	4000	0	88.6	75	125	05/06/2025
Lead		1.0		**916**	1000	0	91.6	75	125	05/06/2025
Manganese		2.0		**936**	1000	19.16	91.7	75	125	05/06/2025
Nickel		1.0		**875**	1000	0.6048	87.4	75	125	05/06/2025
Silver		1.0		**94.5**	100.0	0	94.5	75	125	05/06/2025
Vanadium		5.0		**921**	1000	0	92.1	75	125	05/06/2025
Zinc		15.0		**886**	1000	0	88.6	75	125	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238617 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-081CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**3870**	4000	0	96.6	3944	2.01	05/06/2025
Arsenic		1.0		**915**	1000	0	91.5	927.2	1.31	05/06/2025
Boron		25.0		**979**	1000	89.54	88.9	994.7	1.60	05/06/2025
Copper		1.0		**440**	500.0	2.843	87.4	448.1	1.87	05/06/2025
Iron		25.0		**3480**	4000	0	87.0	3543	1.86	05/06/2025
Lead		1.0		**900**	1000	0	90.0	916.2	1.78	05/06/2025
Manganese		2.0		**932**	1000	19.16	91.2	935.8	0.46	05/06/2025
Nickel		1.0		**865**	1000	0.6048	86.4	874.5	1.13	05/06/2025
Silver		1.0		**95.2**	100.0	0	95.2	94.49	0.73	05/06/2025
Vanadium		5.0		**913**	1000	0	91.3	920.8	0.81	05/06/2025
Zinc		15.0		**864**	1000	0	86.4	886.1	2.56	05/06/2025

Batch 238741 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238741

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	05/07/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/07/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/07/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/07/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/07/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/07/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/08/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/07/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/07/2025
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	05/07/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/07/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/07/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/07/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/08/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/07/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/08/2025
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	05/08/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/07/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/07/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/07/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238741 **SampType:** LCS Units **µg/L**
SampID: LCS-238741

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3880**	4000	0	97.1	80	120	05/07/2025
Antimony		1.0		**918**	1000	0	91.8	80	120	05/07/2025
Arsenic		1.0		**897**	1000	0	89.7	80	120	05/07/2025
Barium		1.0		**3970**	4000	0	99.4	80	120	05/07/2025
Beryllium		1.0		**82.2**	100.0	0	82.2	80	120	05/07/2025
Boron		25.0		**862**	1000	0	86.2	80	120	05/07/2025
Cadmium		1.0		**95.7**	100.0	0	95.7	80	120	05/08/2025
Chromium		1.5		**342**	400.0	0	85.5	80	120	05/07/2025
Cobalt		1.0		**844**	1000	0	84.4	80	120	05/07/2025
Copper		1.0		**430**	500.0	0	85.9	80	120	05/07/2025
Iron		25.0		**3390**	4000	0	84.8	80	120	05/07/2025
Lead		1.0		**876**	1000	0	87.6	80	120	05/07/2025
Manganese		2.0		**905**	1000	0	90.5	80	120	05/07/2025
Molybdenum		1.5		**950**	1000	0	95.0	80	120	05/08/2025
Nickel		1.0		**839**	1000	0	83.9	80	120	05/07/2025
Selenium		1.0		**869**	1000	0	86.9	80	120	05/08/2025
Silver		1.0		**95.1**	100.0	0	95.1	80	120	05/08/2025
Thallium		2.0		**428**	500.0	0	85.6	80	120	05/07/2025
Vanadium		5.0		**858**	1000	0	85.8	80	120	05/07/2025
Zinc		15.0		**863**	1000	0	86.3	80	120	05/07/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238741 **SampType:** MS Units **µg/L**
SampID: 25041418-037DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3860**	4000	0	96.6	75	125	05/07/2025
Antimony		1.0		**957**	1000	0	95.7	75	125	05/07/2025
Arsenic		1.0		**947**	1000	0	94.7	75	125	05/07/2025
Barium		1.0		**4090**	4000	103.2	99.7	75	125	05/07/2025
Beryllium		1.0		**81.7**	100.0	0	81.7	75	125	05/07/2025
Boron		25.0		**873**	1000	0	87.3	75	125	05/07/2025
Cadmium		1.0		**100**	100.0	0	100.5	75	125	05/08/2025
Chromium		1.5		**342**	400.0	0.9888	85.3	75	125	05/07/2025
Cobalt		1.0		**838**	1000	0	83.8	75	125	05/07/2025
Copper		1.0		**421**	500.0	0	84.1	75	125	05/07/2025
Iron		25.0		**3430**	4000	12.86	85.5	75	125	05/07/2025
Lead		1.0		**903**	1000	0	90.3	75	125	05/07/2025
Manganese		2.0		**948**	1000	44.95	90.3	75	125	05/07/2025
Molybdenum		1.5		**956**	1000	0	95.6	75	125	05/08/2025
Nickel		1.0		**827**	1000	0	82.7	75	125	05/07/2025
Selenium		1.0		**872**	1000	0	87.2	75	125	05/08/2025
Silver		1.0		**95.8**	100.0	0	95.8	75	125	05/08/2025
Thallium		2.0		**443**	500.0	0	88.6	75	125	05/07/2025
Vanadium		5.0		**864**	1000	0	86.4	75	125	05/07/2025
Zinc		15.0		**871**	1000	0	87.1	75	125	05/07/2025

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Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238741 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-037DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**3880**	4000	0	97.1	3864	0.54	05/07/2025
Antimony		1.0		**958**	1000	0	95.8	956.5	0.18	05/07/2025
Arsenic		1.0		**910**	1000	0	91.0	947.0	3.94	05/07/2025
Barium		1.0		**4120**	4000	103.2	100.4	4092	0.63	05/07/2025
Beryllium		1.0		**82.7**	100.0	0	82.7	81.68	1.27	05/07/2025
Boron		25.0		**867**	1000	0	86.7	872.8	0.66	05/07/2025
Cadmium		1.0		**102**	100.0	0	101.8	100.5	1.35	05/08/2025
Chromium		1.5		**340**	400.0	0.9888	84.7	342.2	0.64	05/07/2025
Cobalt		1.0		**825**	1000	0	82.5	838.4	1.59	05/07/2025
Copper		1.0		**410**	500.0	0	82.1	420.6	2.48	05/07/2025
Iron		25.0		**3380**	4000	12.86	84.1	3434	1.66	05/07/2025
Lead		1.0		**918**	1000	0	91.8	903.4	1.64	05/07/2025
Manganese		2.0		**936**	1000	44.95	89.1	947.5	1.20	05/07/2025
Molybdenum		1.5		**975**	1000	0	97.5	956.4	1.90	05/08/2025
Nickel		1.0		**806**	1000	0	80.6	827.5	2.58	05/07/2025
Selenium		1.0		**917**	1000	0	91.7	871.9	5.08	05/08/2025
Silver		1.0		**95.9**	100.0	0	95.9	95.84	0.06	05/08/2025
Thallium		2.0		**449**	500.0	0	89.8	442.9	1.33	05/07/2025
Vanadium		5.0		**861**	1000	0	86.1	863.8	0.34	05/07/2025
Zinc		15.0		**848**	1000	0	84.8	870.6	2.60	05/07/2025

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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238815 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238815

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	05/09/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/09/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/09/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/09/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/09/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/09/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/09/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/09/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/09/2025
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	05/09/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/09/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/09/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/12/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/09/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/09/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/12/2025
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	05/09/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/09/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/09/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238815 **SampType:** LCS Units **µg/L**
SampID: LCS-238815

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3680**	4000	0	92.0	80	120	05/09/2025
Antimony		1.0		**853**	1000	0	85.3	80	120	05/09/2025
Arsenic		1.0		**916**	1000	0	91.6	80	120	05/09/2025
Barium		1.0		**4210**	4000	0	105.3	80	120	05/09/2025
Beryllium		1.0		**84.7**	100.0	0	84.7	80	120	05/09/2025
Boron		25.0		**848**	1000	0	84.8	80	120	05/09/2025
Cadmium		1.0		**95.1**	100.0	0	95.1	80	120	05/09/2025
Chromium		1.5		**361**	400.0	0	90.2	80	120	05/09/2025
Cobalt		1.0		**864**	1000	0	86.4	80	120	05/09/2025
Copper		1.0		**453**	500.0	0	90.5	80	120	05/09/2025
Iron		25.0		**3460**	4000	0	86.5	80	120	05/09/2025
Lead		1.0		**880**	1000	0	88.0	80	120	05/09/2025
Manganese		2.0		**968**	1000	0	96.8	80	120	05/12/2025
Molybdenum		1.5		**883**	1000	0	88.3	80	120	05/09/2025
Nickel		1.0		**880**	1000	0	88.0	80	120	05/09/2025
Selenium		1.0		**962**	1000	0	96.2	80	120	05/12/2025
Silver		1.0		**94.3**	100.0	0	94.3	80	120	05/09/2025
Thallium		2.0		**444**	500.0	0	88.8	80	120	05/09/2025
Vanadium		5.0		**888**	1000	0	88.8	80	120	05/09/2025
Zinc		15.0		**901**	1000	0	90.1	80	120	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238815 **SampType:** MS Units **µg/L**
SampID: 25041418-086DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3670**	4000	0	91.7	75	125	05/09/2025
Antimony		1.0		**898**	1000	0	89.8	75	125	05/09/2025
Arsenic		1.0		**990**	1000	0	99.0	75	125	05/09/2025
Barium		1.0		**4390**	4000	51.25	108.4	75	125	05/09/2025
Beryllium		1.0		**84.8**	100.0	0	84.8	75	125	05/09/2025
Boron		25.0		**863**	1000	0	86.3	75	125	05/09/2025
Cadmium		1.0		**96.0**	100.0	0	96.0	75	125	05/09/2025
Chromium		1.5		**364**	400.0	0	91.0	75	125	05/09/2025
Cobalt		1.0		**858**	1000	0	85.8	75	125	05/09/2025
Copper		1.0		**440**	500.0	0.9172	87.7	75	125	05/09/2025
Iron		25.0		**3560**	4000	20.37	88.6	75	125	05/09/2025
Lead		1.0		**896**	1000	0	89.6	75	125	05/09/2025
Manganese		2.0		**943**	1000	25.23	91.7	75	125	05/12/2025
Molybdenum		1.5		**947**	1000	0	94.7	75	125	05/09/2025
Nickel		1.0		**861**	1000	0	86.1	75	125	05/09/2025
Selenium		1.0		**924**	1000	0	92.4	75	125	05/12/2025
Silver		1.0		**93.5**	100.0	0	93.5	75	125	05/09/2025
Thallium		2.0		**450**	500.0	0	90.0	75	125	05/09/2025
Vanadium		5.0		**910**	1000	0	91.0	75	125	05/09/2025
Zinc		15.0		**906**	1000	0	90.6	75	125	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238815 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-086DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**3700**	4000	0	92.4	3668	0.76	05/09/2025
Antimony		1.0		**913**	1000	0	91.3	898.3	1.60	05/09/2025
Arsenic		1.0		**995**	1000	0	99.5	990.4	0.48	05/09/2025
Barium		1.0		**4420**	4000	51.25	109.3	4389	0.77	05/09/2025
Beryllium		1.0		**87.0**	100.0	0	87.0	84.75	2.58	05/09/2025
Boron		25.0		**899**	1000	0	89.9	863.3	4.04	05/09/2025
Cadmium		1.0		**101**	100.0	0	101.3	96.00	5.36	05/09/2025
Chromium		1.5		**366**	400.0	0	91.6	364.1	0.62	05/09/2025
Cobalt		1.0		**884**	1000	0	88.4	858.2	2.99	05/09/2025
Copper		1.0		**446**	500.0	0.9172	89.1	439.5	1.56	05/09/2025
Iron		25.0		**3620**	4000	20.37	89.9	3563	1.51	05/09/2025
Lead		1.0		**932**	1000	0	93.2	896.2	3.89	05/09/2025
Manganese		2.0		**982**	1000	25.23	95.6	942.6	4.05	05/12/2025
Molybdenum		1.5		**984**	1000	0	98.4	946.8	3.85	05/09/2025
Nickel		1.0		**881**	1000	0	88.1	860.8	2.29	05/09/2025
Selenium		1.0		**977**	1000	0	97.7	924.0	5.55	05/12/2025
Silver		1.0		**97.5**	100.0	0	97.5	93.48	4.21	05/09/2025
Thallium		2.0		**472**	500.0	0	94.5	450.1	4.84	05/09/2025
Vanadium		5.0		**937**	1000	0	93.7	909.9	2.92	05/09/2025
Zinc		15.0		**911**	1000	0	91.1	906.1	0.51	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238867 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238867

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	05/09/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/09/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/09/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/09/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/09/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/09/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/09/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/09/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/09/2025
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	05/09/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/09/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/09/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/09/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/09/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/09/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/12/2025
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	05/09/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/09/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/09/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238867 **SampType:** LCS Units µg/L
SampID: LCS-238867

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4000**	4000	0	99.9	80	120	05/09/2025
Antimony		1.0		**952**	1000	0	95.2	80	120	05/09/2025
Arsenic		1.0		**1010**	1000	0	101.4	80	120	05/09/2025
Barium		1.0		**4570**	4000	0	114.2	80	120	05/09/2025
Beryllium		1.0		**88.3**	100.0	0	88.3	80	120	05/09/2025
Boron		25.0		**920**	1000	0	92.0	80	120	05/09/2025
Cadmium		1.0		**106**	100.0	0	105.8	80	120	05/09/2025
Chromium		1.5		**386**	400.0	0	96.4	80	120	05/09/2025
Cobalt		1.0		**942**	1000	0	94.2	80	120	05/09/2025
Copper		1.0		**493**	500.0	0	98.6	80	120	05/09/2025
Iron		25.0		**3810**	4000	0	95.3	80	120	05/09/2025
Lead		1.0		**929**	1000	0	92.9	80	120	05/09/2025
Manganese		2.0		**1010**	1000	0	100.9	80	120	05/09/2025
Molybdenum		1.5		**1000**	1000	0	100.5	80	120	05/09/2025
Nickel		1.0		**950**	1000	0	95.0	80	120	05/09/2025
Selenium		1.0		**1000**	1000	0	100.4	80	120	05/12/2025
Silver		1.0		**106**	100.0	0	105.7	80	120	05/09/2025
Thallium		2.0		**466**	500.0	0	93.1	80	120	05/09/2025
Vanadium		5.0		**962**	1000	0	96.2	80	120	05/09/2025
Zinc		15.0		**973**	1000	0	97.3	80	120	05/09/2025

Batch 240145 **SampType:** MBLK Units µg/L
SampID: MBLK-240145

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	06/07/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	06/07/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	06/07/2025
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	06/07/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	06/07/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	06/07/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	06/07/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041418

Client Project: COF-25Q2 **Report Date:** 17-Jun-25

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

Batch 240145 **SampType:** LCS Units µg/L

SampID: LCS-240145

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3470**	4000	0	86.7	80	120	06/07/2025
Antimony		1.0		**944**	1000	0	94.4	80	120	06/07/2025
Chromium		1.5		**351**	400.0	0	87.8	80	120	06/07/2025
Copper		1.0		**448**	500.0	0	89.6	80	120	06/07/2025
Manganese		2.0		**867**	1000	0	86.7	80	120	06/07/2025
Selenium		1.0		**840**	1000	0	84.0	80	120	06/07/2025
Zinc		15.0		**872**	1000	0	87.2	80	120	06/07/2025

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

Batch 238389 **SampType:** MBLK Units µg/L

SampID: MBLK-238389

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	05/02/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/01/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/01/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/01/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/02/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/02/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/01/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/02/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/02/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	05/02/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/02/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/01/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	05/02/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/02/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/01/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/02/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/01/2025
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	05/01/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/01/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/02/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/02/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238389 **SampType:** LCS Units **µg/L**
SampID: LCS-238389

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4150**	4000	0	103.7	80	120	05/02/2025
Antimony		1.0		**912**	1000	0	91.2	80	120	05/02/2025
Arsenic		1.0		**966**	1000	0	96.6	80	120	05/02/2025
Barium		1.0		**4310**	4000	0	107.8	80	120	05/02/2025
Beryllium		1.0		**96.2**	100.0	0	96.2	80	120	05/02/2025
Boron		25.0		**984**	1000	0	98.4	80	120	05/02/2025
Cadmium		1.0		**106**	100.0	0	105.7	80	120	05/02/2025
Chromium		1.5		**380**	400.0	0	95.0	80	120	05/02/2025
Cobalt		1.0		**941**	1000	0	94.1	80	120	05/02/2025
Copper		1.0		**482**	500.0	0	96.4	80	120	05/02/2025
Iron		25.0		**3760**	4000	0	94.0	80	120	05/02/2025
Lead		1.0		**968**	1000	0	96.8	80	120	05/01/2025
Lithium	*	3.0		**955**	1000	0	95.5	80	120	05/02/2025
Manganese		2.0		**965**	1000	0	96.5	80	120	05/02/2025
Molybdenum		1.5		**982**	1000	0	98.2	80	120	05/02/2025
Nickel		1.0		**936**	1000	0	93.6	80	120	05/02/2025
Selenium		1.0		**1040**	1000	0	104.0	80	120	05/02/2025
Silver		1.0		**104**	100.0	0	104.4	80	120	05/02/2025
Thallium		2.0		**466**	500.0	0	93.3	80	120	05/01/2025
Vanadium		5.0		**946**	1000	0	94.6	80	120	05/02/2025
Zinc		15.0		**956**	1000	0	95.6	80	120	05/02/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238421 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238421

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	05/02/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/02/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/02/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/02/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/02/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/02/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/02/2025
Calcium		125		**< 125**	70.00	0	0	-100	100	05/06/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/02/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/02/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	05/05/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/02/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/02/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	05/02/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/02/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/02/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/02/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/02/2025
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	05/02/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/02/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/02/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/02/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238421 **SampType:** LCS Units **µg/L**
SampID: LCS-238421

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4310**	4000	0	107.6	80	120	05/02/2025
Antimony		1.0		**967**	1000	0	96.7	80	120	05/02/2025
Arsenic		1.0		**1060**	1000	0	105.9	80	120	05/02/2025
Barium		1.0		**4490**	4000	0	112.3	80	120	05/02/2025
Beryllium		1.0		**99.0**	100.0	0	99.0	80	120	05/02/2025
Boron		25.0		**1020**	1000	0	101.7	80	120	05/02/2025
Cadmium		1.0		**114**	100.0	0	114.5	80	120	05/02/2025
Calcium		125		**4620**	5000	0	92.4	80	120	05/06/2025
Chromium		1.5		**404**	400.0	0	101.1	80	120	05/02/2025
Cobalt		1.0		**1010**	1000	0	100.6	80	120	05/02/2025
Copper		1.0		**570**	500.0	0	113.9	80	120	05/05/2025
Iron		25.0		**3990**	4000	0	99.9	80	120	05/02/2025
Lead		1.0		**1020**	1000	0	102.2	80	120	05/02/2025
Lithium	*	3.0		**984**	1000	0	98.4	80	120	05/02/2025
Manganese		2.0		**1030**	1000	0	103.0	80	120	05/02/2025
Molybdenum		1.5		**1070**	1000	0	107.2	80	120	05/02/2025
Nickel		1.0		**998**	1000	0	99.8	80	120	05/02/2025
Selenium		1.0		**1130**	1000	0	113.5	80	120	05/02/2025
Silver		1.0		**114**	100.0	0	113.8	80	120	05/02/2025
Thallium		2.0		**488**	500.0	0	97.7	80	120	05/02/2025
Vanadium		5.0		**998**	1000	0	99.8	80	120	05/02/2025
Zinc		15.0		**1030**	1000	0	102.7	80	120	05/02/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238513 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238513

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	05/05/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/05/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/05/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/05/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/05/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/05/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/05/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/05/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/05/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	05/05/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/05/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/05/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	05/05/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/05/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/05/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/05/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/05/2025
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	05/05/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/05/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/05/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238513 **SampType:** LCS Units **µg/L**
SampID: LCS-238513

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4260**	4000	0	106.4	80	120	05/05/2025
Antimony		1.0		**1130**	1000	0	113.0	80	120	05/05/2025
Arsenic		1.0		**1080**	1000	0	107.6	80	120	05/05/2025
Barium		1.0		**4620**	4000	0	115.5	80	120	05/05/2025
Beryllium		1.0		**102**	100.0	0	101.7	80	120	05/05/2025
Boron		25.0		**1020**	1000	0	101.7	80	120	05/05/2025
Cadmium		1.0		**109**	100.0	0	109.2	80	120	05/05/2025
Chromium		1.5		**424**	400.0	0	105.9	80	120	05/05/2025
Cobalt		1.0		**1020**	1000	0	102.0	80	120	05/05/2025
Copper		1.0		**554**	500.0	0	110.8	80	120	05/05/2025
Iron		25.0		**4120**	4000	0	103.0	80	120	05/05/2025
Lead		1.0		**1050**	1000	0	104.5	80	120	05/05/2025
Lithium	*	3.0		**988**	1000	0	98.8	80	120	05/05/2025
Manganese		2.0		**1060**	1000	0	105.7	80	120	05/05/2025
Molybdenum		1.5		**1060**	1000	0	106.5	80	120	05/05/2025
Nickel		1.0		**1070**	1000	0	106.6	80	120	05/05/2025
Selenium		1.0		**1180**	1000	0	117.6	80	120	05/05/2025
Silver		1.0		**113**	100.0	0	112.9	80	120	05/05/2025
Thallium		2.0		**499**	500.0	0	99.9	80	120	05/05/2025
Vanadium		5.0		**1030**	1000	0	103.1	80	120	05/05/2025
Zinc		15.0		**1020**	1000	0	102.1	80	120	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238513 **SampType:** MS Units **µg/L**
SampID: 25041418-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4450**	4000	293.2	103.8	75	125	05/05/2025
Antimony		1.0		**1150**	1000	0	114.6	75	125	05/05/2025
Arsenic		1.0		**1060**	1000	0	106.5	75	125	05/05/2025
Barium		1.0		**4630**	4000	48.30	114.4	75	125	05/05/2025
Beryllium		1.0		**103**	100.0	0	102.8	75	125	05/05/2025
Boron		25.0		**1060**	1000	25.60	103.5	75	125	05/05/2025
Cadmium		1.0		**112**	100.0	0	111.7	75	125	05/05/2025
Chromium		1.5		**426**	400.0	1.822	106.0	75	125	05/05/2025
Cobalt		1.0		**1040**	1000	0.1654	103.6	75	125	05/05/2025
Copper		1.0		**531**	500.0	1.137	106.1	75	125	05/05/2025
Iron		25.0		**4330**	4000	385.9	98.7	75	125	05/05/2025
Lead		1.0		**1050**	1000	0	105.3	75	125	05/05/2025
Manganese		2.0		**1080**	1000	42.78	104.2	75	125	05/05/2025
Molybdenum		1.5		**1070**	1000	0.7268	107.0	75	125	05/05/2025
Nickel		1.0		**1020**	1000	0.9619	101.8	75	125	05/05/2025
Selenium		1.0		**1190**	1000	1.369	118.8	75	125	05/05/2025
Silver		1.0		**113**	100.0	0	112.7	75	125	05/05/2025
Thallium		2.0		**500**	500.0	0	99.9	75	125	05/05/2025
Vanadium		5.0		**1050**	1000	0	105.3	75	125	05/05/2025
Zinc		15.0		**1020**	1000	0	101.6	75	125	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238513 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**4400**	4000	293.2	102.8	4446	0.95	05/05/2025
Antimony		1.0		**1150**	1000	0	114.8	1146	0.14	05/05/2025
Arsenic		1.0		**1110**	1000	0	111.1	1065	4.22	05/05/2025
Barium		1.0		**4610**	4000	48.30	114.0	4626	0.39	05/05/2025
Beryllium		1.0		**104**	100.0	0	103.8	102.8	0.94	05/05/2025
Boron		25.0		**1060**	1000	25.60	103.1	1061	0.46	05/05/2025
Cadmium		1.0		**111**	100.0	0	111.0	111.7	0.61	05/05/2025
Chromium		1.5		**422**	400.0	1.822	104.9	425.8	1.01	05/05/2025
Cobalt		1.0		**1040**	1000	0.1654	104.3	1036	0.67	05/05/2025
Copper		1.0		**543**	500.0	1.137	108.4	531.4	2.14	05/05/2025
Iron		25.0		**4340**	4000	385.9	98.8	4334	0.06	05/05/2025
Lead		1.0		**1040**	1000	0	104.0	1053	1.20	05/05/2025
Manganese		2.0		**1100**	1000	42.78	105.4	1084	1.13	05/05/2025
Molybdenum		1.5		**1090**	1000	0.7268	109.2	1071	2.01	05/05/2025
Nickel		1.0		**1040**	1000	0.9619	103.5	1019	1.70	05/05/2025
Selenium		1.0		**1230**	1000	1.369	123.2	1189	3.69	05/05/2025
Silver		1.0		**113**	100.0	0	113.4	112.7	0.60	05/05/2025
Thallium		2.0		**499**	500.0	0	99.8	499.7	0.15	05/05/2025
Vanadium		5.0		**1040**	1000	0	104.5	1053	0.78	05/05/2025
Zinc		15.0		**1040**	1000	0	103.6	1016	1.92	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238513 **SampType:** MS Units **µg/L**
SampID: 25041418-038CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4200**	4000	34.56	104.2	75	125	05/05/2025
Antimony		1.0		**1160**	1000	0	116.3	75	125	05/05/2025
Arsenic		1.0		**1070**	1000	1.800	107.3	75	125	05/05/2025
Barium		1.0		**4580**	4000	36.84	113.6	75	125	05/05/2025
Beryllium		1.0		**99.9**	100.0	0	99.9	75	125	05/05/2025
Boron		25.0		**1700**	1000	840.8	85.8	75	125	05/05/2025
Cadmium		1.0		**112**	100.0	0	111.7	75	125	05/05/2025
Chromium		1.5		**409**	400.0	0	102.2	75	125	05/05/2025
Cobalt		1.0		**993**	1000	0.5972	99.2	75	125	05/05/2025
Copper		1.0		**505**	500.0	0.9702	100.8	75	125	05/05/2025
Iron		25.0		**5200**	4000	1624	89.4	75	125	05/05/2025
Lead		1.0		**1050**	1000	0	104.6	75	125	05/05/2025
Lithium	*	3.0		**948**	1000	8.592	93.9	75	125	05/05/2025
Manganese		8.0		**1560**	1000	683.6	87.3	75	125	05/06/2025
Molybdenum		1.5		**1090**	1000	0	108.7	75	125	05/05/2025
Nickel		1.0		**983**	1000	0.7756	98.2	75	125	05/05/2025
Selenium		1.0		**1170**	1000	0	116.6	75	125	05/05/2025
Silver		1.0		**111**	100.0	0	110.6	75	125	05/05/2025
Thallium		2.0		**501**	500.0	0	100.2	75	125	05/05/2025
Vanadium		5.0		**1030**	1000	0	102.9	75	125	05/05/2025
Zinc		15.0		**983**	1000	0	98.3	75	125	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238513 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-038CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**4110**	4000	34.56	101.8	4204	2.35	05/05/2025
Antimony		1.0		**1140**	1000	0	114.3	1163	1.72	05/05/2025
Arsenic		1.0		**1070**	1000	1.800	107.1	1075	0.14	05/05/2025
Barium		1.0		**4510**	4000	36.84	111.8	4580	1.58	05/05/2025
Beryllium		1.0		**99.5**	100.0	0	99.5	99.87	0.38	05/05/2025
Boron		25.0		**1640**	1000	840.8	80.0	1699	3.47	05/05/2025
Cadmium		1.0		**108**	100.0	0	107.8	111.7	3.55	05/05/2025
Chromium		1.5		**403**	400.0	0	100.6	408.7	1.53	05/05/2025
Cobalt		1.0		**991**	1000	0.5972	99.0	993.1	0.23	05/05/2025
Copper		1.0		**500**	500.0	0.9702	99.8	505.0	1.04	05/05/2025
Iron		25.0		**5140**	4000	1624	87.9	5198	1.09	05/05/2025
Lead		1.0		**1010**	1000	0	101.4	1046	3.11	05/05/2025
Lithium	*	3.0		**957**	1000	8.592	94.8	948.1	0.92	05/05/2025
Manganese		8.0		**1500**	1000	683.6	81.3	1556	3.91	05/06/2025
Molybdenum		1.5		**1070**	1000	0	107.0	1087	1.59	05/05/2025
Nickel		1.0		**976**	1000	0.7756	97.6	982.8	0.65	05/05/2025
Selenium		1.0		**1150**	1000	0	115.4	1166	1.02	05/05/2025
Silver		1.0		**108**	100.0	0	108.3	110.6	2.09	05/05/2025
Thallium		2.0		**496**	500.0	0	99.3	501.1	0.96	05/05/2025
Vanadium		5.0		**1020**	1000	0	102.3	1029	0.53	05/05/2025
Zinc		15.0		**972**	1000	0	97.2	983.0	1.11	05/05/2025

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Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238514 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238514

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	05/05/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/05/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/05/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/05/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/05/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/05/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/05/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/05/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/05/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	05/06/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/05/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/05/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	05/05/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/05/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/05/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/05/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/05/2025
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	05/05/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/05/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/05/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/05/2025

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Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238514 **SampType:** LCS Units **µg/L**
SampID: LCS-238514

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4140**	4000	0	103.5	80	120	05/05/2025
Antimony		1.0		**1120**	1000	0	111.9	80	120	05/05/2025
Arsenic		1.0		**1080**	1000	0	107.7	80	120	05/05/2025
Barium		1.0		**4650**	4000	0	116.3	80	120	05/05/2025
Beryllium		1.0		**97.3**	100.0	0	97.3	80	120	05/05/2025
Boron		25.0		**982**	1000	0	98.2	80	120	05/05/2025
Cadmium		1.0		**108**	100.0	0	108.4	80	120	05/05/2025
Chromium		1.5		**426**	400.0	0	106.4	80	120	05/05/2025
Cobalt		1.0		**1010**	1000	0	101.5	80	120	05/05/2025
Copper		1.0		**524**	500.0	0	104.8	80	120	05/06/2025
Iron		25.0		**4130**	4000	0	103.2	80	120	05/05/2025
Lead		1.0		**1010**	1000	0	100.7	80	120	05/05/2025
Lithium	*	3.0		**952**	1000	0	95.2	80	120	05/05/2025
Manganese		2.0		**1060**	1000	0	105.8	80	120	05/05/2025
Molybdenum		1.5		**1040**	1000	0	104.1	80	120	05/05/2025
Nickel		1.0		**1060**	1000	0	105.9	80	120	05/05/2025
Selenium		1.0		**1190**	1000	0	118.6	80	120	05/05/2025
Silver		1.0		**112**	100.0	0	111.7	80	120	05/05/2025
Thallium		2.0		**482**	500.0	0	96.4	80	120	05/05/2025
Vanadium		5.0		**1050**	1000	0	104.8	80	120	05/05/2025
Zinc		15.0		**1020**	1000	0	101.9	80	120	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238514 **SampType:** MS Units **µg/L**
SampID: 25041418-072BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**1100**	1000	0	110.1	75	125	05/05/2025
Arsenic		1.0		**1070**	1000	7.989	105.8	75	125	05/05/2025
Barium		1.0		**4490**	4000	58.79	110.7	75	125	05/05/2025
Beryllium		1.0		**91.1**	100.0	0	91.1	75	125	05/05/2025
Boron		25.0		**1180**	1000	294.6	88.3	75	125	05/05/2025
Cadmium		1.0		**103**	100.0	0	103.3	75	125	05/05/2025
Chromium		1.5		**394**	400.0	0	98.6	75	125	05/05/2025
Cobalt		1.0		**950**	1000	2.138	94.8	75	125	05/05/2025
Lead		1.0		**1010**	1000	0	101.0	75	125	05/05/2025
Lithium	*	3.0		**877**	1000	1.662	87.6	75	125	05/05/2025
Molybdenum		1.5		**1040**	1000	6.477	103.2	75	125	05/05/2025
Selenium		1.0		**1170**	1000	0	116.5	75	125	05/05/2025
Thallium		2.0		**482**	500.0	0	96.4	75	125	05/05/2025

Batch 238514 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-072BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**1120**	1000	0	111.8	1101	1.57	05/05/2025
Arsenic		1.0		**1080**	1000	7.989	106.9	1066	0.96	05/05/2025
Barium		1.0		**4640**	4000	58.79	114.5	4488	3.30	05/05/2025
Beryllium		1.0		**94.4**	100.0	0	94.4	91.06	3.58	05/05/2025
Boron		25.0		**1230**	1000	294.6	93.8	1177	4.58	05/05/2025
Cadmium		1.0		**104**	100.0	0	104.0	103.3	0.66	05/05/2025
Chromium		1.5		**411**	400.0	0	102.6	394.4	4.01	05/05/2025
Cobalt		1.0		**986**	1000	2.138	98.4	949.7	3.74	05/05/2025
Lead		1.0		**985**	1000	0	98.5	1010	2.47	05/05/2025
Lithium	*	3.0		**916**	1000	1.662	91.4	877.3	4.29	05/05/2025
Molybdenum		1.5		**1060**	1000	6.477	105.4	1038	2.15	05/05/2025
Selenium		1.0		**1170**	1000	0	116.7	1165	0.14	05/05/2025
Thallium		2.0		**479**	500.0	0	95.9	481.9	0.55	05/05/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238555 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238555

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	05/06/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/06/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/06/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/06/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/06/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/06/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/06/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/06/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/06/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	05/06/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/06/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/06/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	05/06/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/06/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/06/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/06/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/06/2025
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	05/06/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/06/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/06/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238555 **SampType:** LCS Units **µg/L**
SampID: LCS-238555

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4120**	4000	0	103.1	80	120	05/06/2025
Antimony		1.0		**1120**	1000	0	112.0	80	120	05/06/2025
Arsenic		1.0		**1060**	1000	0	105.6	80	120	05/06/2025
Barium		1.0		**4620**	4000	0	115.4	80	120	05/06/2025
Beryllium		1.0		**97.2**	100.0	0	97.2	80	120	05/06/2025
Boron		25.0		**995**	1000	0	99.5	80	120	05/06/2025
Cadmium		1.0		**108**	100.0	0	107.9	80	120	05/06/2025
Chromium		1.5		**414**	400.0	0	103.6	80	120	05/06/2025
Cobalt		1.0		**1010**	1000	0	101.1	80	120	05/06/2025
Copper		1.0		**538**	500.0	0	107.5	80	120	05/06/2025
Iron		25.0		**4000**	4000	0	99.9	80	120	05/06/2025
Lead		1.0		**1010**	1000	0	101.2	80	120	05/06/2025
Lithium	*	3.0		**945**	1000	0	94.5	80	120	05/06/2025
Manganese		2.0		**1040**	1000	0	104.3	80	120	05/06/2025
Molybdenum		1.5		**1030**	1000	0	103.2	80	120	05/06/2025
Nickel		1.0		**1010**	1000	0	100.5	80	120	05/06/2025
Selenium		1.0		**1200**	1000	0	119.7	80	120	05/06/2025
Silver		1.0		**111**	100.0	0	111.3	80	120	05/06/2025
Thallium		2.0		**487**	500.0	0	97.4	80	120	05/06/2025
Vanadium		5.0		**1040**	1000	0	103.9	80	120	05/06/2025
Zinc		15.0		**1010**	1000	0	101.1	80	120	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238555 **SampType:** MS Units **µg/L**
SampID: 25050151-003FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**1110**	1000	0	111.3	75	125	05/06/2025
Arsenic		1.0		**1040**	1000	0	104.3	75	125	05/06/2025
Barium		1.0		**4620**	4000	94.92	113.2	75	125	05/06/2025
Beryllium		1.0		**98.2**	100.0	0	98.2	75	125	05/06/2025
Boron		25.0		**1040**	1000	53.50	98.4	75	125	05/06/2025
Cadmium		1.0		**107**	100.0	0	107.1	75	125	05/06/2025
Chromium		1.5		**444**	400.0	33.03	102.8	75	125	05/06/2025
Iron		25.0		**4050**	4000	146.2	97.7	75	125	05/06/2025
Lead		1.0		**1010**	1000	0	101.4	75	125	05/06/2025
Manganese		2.0		**1030**	1000	27.19	100.6	75	125	05/06/2025
Nickel		1.0		**979**	1000	18.16	96.0	75	125	05/06/2025
Silver		1.0		**105**	100.0	0	105.4	75	125	05/06/2025

Batch 238555 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25050151-003FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**1160**	1000	0	115.6	1113	3.75	05/06/2025
Arsenic		1.0		**1040**	1000	0	103.9	1043	0.42	05/06/2025
Barium		1.0		**4700**	4000	94.92	115.1	4624	1.60	05/06/2025
Beryllium		1.0		**98.0**	100.0	0	98.0	98.22	0.22	05/06/2025
Boron		25.0		**1020**	1000	53.50	96.9	1037	1.43	05/06/2025
Cadmium		1.0		**110**	100.0	0	109.9	107.1	2.59	05/06/2025
Chromium		1.5		**424**	400.0	33.03	97.8	444.1	4.56	05/06/2025
Iron		25.0		**3970**	4000	146.2	95.6	4054	2.12	05/06/2025
Lead		1.0		**1040**	1000	0	104.4	1014	2.89	05/06/2025
Manganese		2.0		**1010**	1000	27.19	98.6	1033	1.91	05/06/2025
Nickel		1.0		**972**	1000	18.16	95.4	978.5	0.65	05/06/2025
Silver		1.0		**110**	100.0	0	109.9	105.4	4.22	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238633 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238633

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	05/06/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/07/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/06/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/06/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/06/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/06/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/06/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/06/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/06/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	05/06/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/06/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/06/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	05/06/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/06/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/06/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/06/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/06/2025
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	05/06/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/06/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/06/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238633 **SampType:** LCS Units **µg/L**
SampID: LCS-238633

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4100**	4000	0	102.5	80	120	05/06/2025
Antimony		1.0		**1080**	1000	0	108.1	80	120	05/07/2025
Arsenic		1.0		**963**	1000	0	96.3	80	120	05/06/2025
Barium		1.0		**4490**	4000	0	112.3	80	120	05/06/2025
Beryllium		1.0		**95.1**	100.0	0	95.1	80	120	05/06/2025
Boron		25.0		**988**	1000	0	98.8	80	120	05/06/2025
Cadmium		1.0		**105**	100.0	0	104.8	80	120	05/06/2025
Chromium		1.5		**391**	400.0	0	97.8	80	120	05/06/2025
Cobalt		1.0		**966**	1000	0	96.6	80	120	05/06/2025
Copper		1.0		**491**	500.0	0	98.3	80	120	05/06/2025
Iron		25.0		**3810**	4000	0	95.3	80	120	05/06/2025
Lead		1.0		**990**	1000	0	99.0	80	120	05/06/2025
Lithium	*	3.0		**944**	1000	0	94.4	80	120	05/06/2025
Manganese		2.0		**990**	1000	0	99.0	80	120	05/06/2025
Molybdenum		1.5		**977**	1000	0	97.7	80	120	05/06/2025
Nickel		1.0		**955**	1000	0	95.5	80	120	05/06/2025
Selenium		1.0		**996**	1000	0	99.6	80	120	05/06/2025
Silver		1.0		**105**	100.0	0	105.4	80	120	05/06/2025
Thallium		2.0		**488**	500.0	0	97.6	80	120	05/06/2025
Vanadium		5.0		**963**	1000	0	96.3	80	120	05/06/2025
Zinc		15.0		**960**	1000	0	96.0	80	120	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238652 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238652

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	05/06/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/06/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/06/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/06/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/06/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/06/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/06/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/06/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/06/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	05/06/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/06/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/06/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	05/06/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/06/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/06/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/06/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/06/2025
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	05/06/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/06/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/06/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238652 **SampType:** LCS Units **µg/L**
SampID: LCS-238652

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4200**	4000	0	105.1	80	120	05/06/2025
Antimony		1.0		**1040**	1000	0	103.9	80	120	05/06/2025
Arsenic		1.0		**1000**	1000	0	100.3	80	120	05/06/2025
Barium		1.0		**4440**	4000	0	110.9	80	120	05/06/2025
Beryllium		1.0		**93.5**	100.0	0	93.5	80	120	05/06/2025
Boron		25.0		**983**	1000	0	98.3	80	120	05/06/2025
Cadmium		1.0		**103**	100.0	0	103.1	80	120	05/06/2025
Chromium		1.5		**396**	400.0	0	99.0	80	120	05/06/2025
Cobalt		1.0		**981**	1000	0	98.1	80	120	05/06/2025
Copper		1.0		**508**	500.0	0	101.6	80	120	05/06/2025
Iron		25.0		**3840**	4000	0	96.1	80	120	05/06/2025
Lead		1.0		**992**	1000	0	99.2	80	120	05/06/2025
Lithium	*	3.0		**947**	1000	0	94.7	80	120	05/06/2025
Manganese		2.0		**1010**	1000	0	100.9	80	120	05/06/2025
Molybdenum		1.5		**978**	1000	0	97.8	80	120	05/06/2025
Nickel		1.0		**983**	1000	0	98.3	80	120	05/06/2025
Selenium		1.0		**1050**	1000	0	105.4	80	120	05/06/2025
Silver		1.0		**103**	100.0	0	103.5	80	120	05/06/2025
Thallium		2.0		**486**	500.0	0	97.2	80	120	05/06/2025
Vanadium		5.0		**968**	1000	0	96.8	80	120	05/06/2025
Zinc		15.0		**984**	1000	0	98.4	80	120	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238652 **SampType:** MS Units **µg/L**
SampID: 25041418-100CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3960**	4000	24.50	98.4	75	125	05/06/2025
Antimony		1.0		**1080**	1000	0	108.1	75	125	05/06/2025
Arsenic		1.0		**1020**	1000	0	101.9	75	125	05/06/2025
Barium		1.0		**4500**	4000	64.67	110.9	75	125	05/07/2025
Beryllium		1.0		**88.7**	100.0	0	88.7	75	125	05/06/2025
Boron		25.0		**1280**	1000	345.0	93.6	75	125	05/06/2025
Cadmium		1.0		**103**	100.0	0	102.7	75	125	05/06/2025
Chromium		1.5		**379**	400.0	0	94.8	75	125	05/06/2025
Cobalt		1.0		**928**	1000	0	92.8	75	125	05/06/2025
Copper		1.0		**468**	500.0	0.9177	93.4	75	125	05/06/2025
Iron		25.0		**3680**	4000	19.42	91.5	75	125	05/06/2025
Lead		1.0		**982**	1000	0	98.2	75	125	05/06/2025
Lithium	*	3.0		**873**	1000	1.988	87.1	75	125	05/06/2025
Manganese		2.0		**959**	1000	4.943	95.4	75	125	05/06/2025
Molybdenum		1.5		**1000**	1000	0	100.0	75	125	05/06/2025
Nickel		1.0		**910**	1000	0.9195	90.9	75	125	05/06/2025
Selenium		1.0		**1030**	1000	0	103.4	75	125	05/06/2025
Silver		1.0		**101**	100.0	0	101.0	75	125	05/06/2025
Thallium		2.0		**482**	500.0	0	96.3	75	125	05/06/2025
Vanadium		5.0		**949**	1000	0	94.9	75	125	05/06/2025
Zinc		15.0		**921**	1000	0	92.1	75	125	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238652 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-100CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**4040**	4000	24.50	100.5	3961	2.04	05/06/2025
Antimony		1.0		**1090**	1000	0	108.9	1081	0.72	05/06/2025
Arsenic		1.0		**1020**	1000	0	101.5	1019	0.37	05/06/2025
Barium		1.0		**4630**	4000	64.67	114.2	4499	2.90	05/07/2025
Beryllium		1.0		**87.8**	100.0	0	87.8	88.74	1.11	05/06/2025
Boron		25.0		**1280**	1000	345.0	93.1	1281	0.40	05/06/2025
Cadmium		1.0		**104**	100.0	0	104.4	102.7	1.73	05/06/2025
Chromium		1.5		**383**	400.0	0	95.7	379.2	0.97	05/06/2025
Cobalt		1.0		**933**	1000	0	93.3	928.5	0.45	05/06/2025
Copper		1.0		**465**	500.0	0.9177	92.9	468.0	0.61	05/06/2025
Iron		25.0		**3710**	4000	19.42	92.3	3679	0.84	05/06/2025
Lead		1.0		**1010**	1000	0	100.8	982.0	2.63	05/06/2025
Lithium	*	3.0		**892**	1000	1.988	89.0	872.5	2.21	05/06/2025
Manganese		2.0		**975**	1000	4.943	97.0	959.3	1.60	05/06/2025
Molybdenum		1.5		**1010**	1000	0	101.2	1000	1.10	05/06/2025
Nickel		1.0		**916**	1000	0.9195	91.5	909.9	0.69	05/06/2025
Selenium		1.0		**1020**	1000	0	101.9	1034	1.48	05/06/2025
Silver		1.0		**102**	100.0	0	102.1	101.0	1.13	05/06/2025
Thallium		2.0		**490**	500.0	0	97.9	481.7	1.62	05/06/2025
Vanadium		5.0		**970**	1000	0	97.0	948.9	2.24	05/06/2025
Zinc		15.0		**910**	1000	0	91.0	921.2	1.27	05/06/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238743 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238743

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	05/08/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/08/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/08/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/08/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/08/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/08/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/08/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/08/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/08/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	05/08/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/08/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/08/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	05/08/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/08/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/08/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/08/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/08/2025
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	05/08/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/08/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/08/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/08/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238743 **SampType:** LCS Units **µg/L**
SampID: LCS-238743

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3940**	4000	0	98.5	80	120	05/08/2025
Antimony		1.0		**1100**	1000	0	110.3	80	120	05/08/2025
Arsenic		1.0		**970**	1000	0	97.0	80	120	05/08/2025
Barium		1.0		**4420**	4000	0	110.5	80	120	05/08/2025
Beryllium		1.0		**99.1**	100.0	0	99.1	80	120	05/08/2025
Boron		25.0		**984**	1000	0	98.4	80	120	05/08/2025
Cadmium		1.0		**111**	100.0	0	110.8	80	120	05/08/2025
Chromium		1.5		**397**	400.0	0	99.2	80	120	05/08/2025
Cobalt		1.0		**942**	1000	0	94.2	80	120	05/08/2025
Copper		1.0		**497**	500.0	0	99.4	80	120	05/08/2025
Iron		25.0		**3780**	4000	0	94.6	80	120	05/08/2025
Lead		1.0		**943**	1000	0	94.3	80	120	05/08/2025
Lithium	*	3.0		**1010**	1000	0	101.1	80	120	05/08/2025
Manganese		2.0		**980**	1000	0	98.0	80	120	05/08/2025
Molybdenum		1.5		**1010**	1000	0	101.2	80	120	05/08/2025
Nickel		1.0		**952**	1000	0	95.2	80	120	05/08/2025
Selenium		1.0		**987**	1000	0	98.7	80	120	05/08/2025
Silver		1.0		**113**	100.0	0	112.8	80	120	05/08/2025
Thallium		2.0		**474**	500.0	0	94.7	80	120	05/08/2025
Vanadium		5.0		**971**	1000	0	97.1	80	120	05/08/2025
Zinc		15.0		**973**	1000	0	97.3	80	120	05/08/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238803 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238803

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	05/09/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/09/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/09/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/09/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/09/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/09/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/09/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/09/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/09/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	05/09/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/09/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/09/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	05/09/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/09/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/09/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/09/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/12/2025
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	05/09/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/09/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/09/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238803 **SampType:** LCS Units **µg/L**
SampID: LCS-238803

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4200**	4000	0	105.0	80	120	05/09/2025
Antimony		1.0		**1020**	1000	0	102.4	80	120	05/09/2025
Arsenic		1.0		**1060**	1000	0	106.3	80	120	05/09/2025
Barium		2.0		**4120**	4000	0	103.0	80	120	05/12/2025
Beryllium		1.0		**94.4**	100.0	0	94.4	80	120	05/09/2025
Boron		25.0		**987**	1000	0	98.7	80	120	05/09/2025
Cadmium		1.0		**114**	100.0	0	114.0	80	120	05/09/2025
Chromium		1.5		**410**	400.0	0	102.6	80	120	05/09/2025
Cobalt		1.0		**994**	1000	0	99.4	80	120	05/09/2025
Copper		1.0		**519**	500.0	0	103.8	80	120	05/09/2025
Iron		25.0		**4010**	4000	0	100.1	80	120	05/09/2025
Lead		1.0		**1020**	1000	0	101.7	80	120	05/09/2025
Lithium	*	3.0		**958**	1000	0	95.8	80	120	05/09/2025
Manganese		2.0		**1070**	1000	0	106.6	80	120	05/09/2025
Molybdenum		1.5		**1100**	1000	0	109.5	80	120	05/09/2025
Nickel		1.0		**1020**	1000	0	101.9	80	120	05/09/2025
Selenium		2.0		**1020**	1000	0	102.4	80	120	05/12/2025
Silver		1.0		**113**	100.0	0	112.5	80	120	05/09/2025
Thallium		2.0		**500**	500.0	0	100.0	80	120	05/09/2025
Vanadium		5.0		**1030**	1000	0	102.8	80	120	05/09/2025
Zinc		15.0		**1030**	1000	0	102.9	80	120	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238803 **SampType:** MS Units **µg/L**
SampID: 25041418-057BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**1090**	1000	0	108.6	75	125	05/09/2025
Arsenic		1.0		**1120**	1000	0.6468	111.5	75	125	05/09/2025
Barium		4.0		**3950**	4000	51.92	97.4	75	125	05/12/2025
Beryllium		1.0		**96.9**	100.0	0	96.9	75	125	05/09/2025
Boron		25.0		**1090**	1000	117.6	97.1	75	125	05/09/2025
Cadmium		1.0		**119**	100.0	0	119.1	75	125	05/09/2025
Chromium		1.5		**406**	400.0	0.7464	101.4	75	125	05/09/2025
Cobalt		1.0		**984**	1000	5.868	97.8	75	125	05/09/2025
Iron		25.0		**5490**	4000	1731	93.9	75	125	05/09/2025
Lead		1.0		**1030**	1000	0	103.2	75	125	05/09/2025
Lithium	*	3.0		**958**	1000	6.358	95.1	75	125	05/09/2025
Manganese		20.0		**2010**	1000	978.9	103.6	75	125	05/13/2025
Molybdenum		1.5		**1190**	1000	3.124	118.5	75	125	05/09/2025
Selenium		1.0		**1070**	1000	0	107.1	75	125	05/12/2025
Thallium		2.0		**516**	500.0	0	103.2	75	125	05/09/2025

Batch 238803 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-057BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**1070**	1000	0	107.1	1086	1.45	05/09/2025
Arsenic		1.0		**1110**	1000	0.6468	110.5	1116	0.94	05/09/2025
Barium		4.0		**4170**	4000	51.92	102.9	3948	5.40	05/12/2025
Beryllium		1.0		**93.2**	100.0	0	93.2	96.90	3.86	05/09/2025
Boron		25.0		**1060**	1000	117.6	94.4	1089	2.51	05/09/2025
Cadmium		1.0		**116**	100.0	0	115.9	119.1	2.72	05/09/2025
Chromium		1.5		**403**	400.0	0.7464	100.5	406.4	0.94	05/09/2025
Cobalt		1.0		**982**	1000	5.868	97.6	984.0	0.24	05/09/2025
Iron		25.0		**5440**	4000	1731	92.7	5487	0.86	05/09/2025
Lead		1.0		**1030**	1000	0	103.3	1032	0.02	05/09/2025
Lithium	*	3.0		**932**	1000	6.358	92.5	957.7	2.76	05/09/2025
Manganese		20.0		**1930**	1000	978.9	95.2	2014	4.25	05/13/2025
Molybdenum		1.5		**1190**	1000	3.124	118.9	1188	0.34	05/09/2025
Selenium		1.0		**1090**	1000	0	109.3	1071	2.03	05/12/2025
Thallium		2.0		**527**	500.0	0	105.3	516.2	1.99	05/09/2025

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Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238803 **SampType:** MS Units **µg/L**
SampID: 25041418-099CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**4360**	4000	140.0	105.6	75	125	05/09/2025
Antimony		1.0		**1070**	1000	0	107.4	75	125	05/09/2025
Arsenic		1.0		**1110**	1000	0	110.7	75	125	05/09/2025
Barium		2.0		**4330**	4000	53.50	106.8	75	125	05/13/2025
Beryllium		1.0		**108**	100.0	0	107.7	75	125	05/12/2025
Boron		25.0		**994**	1000	0	99.4	75	125	05/09/2025
Cadmium		1.0		**118**	100.0	0	118.0	75	125	05/09/2025
Chromium		1.5		**409**	400.0	0	102.2	75	125	05/09/2025
Cobalt		1.0		**983**	1000	0	98.3	75	125	05/09/2025
Copper		1.0		**499**	500.0	1.994	99.5	75	125	05/09/2025
Iron		25.0		**4140**	4000	138.6	100.0	75	125	05/09/2025
Lead		1.0		**1010**	1000	0	101.4	75	125	05/09/2025
Lithium	*	3.0		**1060**	1000	3.107	105.4	75	125	05/12/2025
Manganese		2.0		**1100**	1000	42.53	106.0	75	125	05/09/2025
Molybdenum		1.5		**1150**	1000	0.6594	115.2	75	125	05/09/2025
Nickel		1.0		**981**	1000	0.6531	98.1	75	125	05/09/2025
Selenium		1.0		**1120**	1000	0	111.9	75	125	05/12/2025
Silver		1.0		**112**	100.0	0	111.7	75	125	05/09/2025
Thallium		2.0		**507**	500.0	0	101.4	75	125	05/09/2025
Vanadium		5.0		**1030**	1000	0	103.1	75	125	05/09/2025
Zinc		15.0		**1020**	1000	0	102.3	75	125	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238803 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25041418-099CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**4230**	4000	140.0	102.2	4363	3.13	05/09/2025
Antimony		1.0		**1050**	1000	0	105.2	1074	2.02	05/09/2025
Arsenic		1.0		**1070**	1000	0	107.3	1107	3.11	05/09/2025
Barium		2.0		**4330**	4000	53.50	106.9	4327	0.11	05/13/2025
Beryllium		1.0		**102**	100.0	0	102.0	107.7	5.41	05/12/2025
Boron		25.0		**962**	1000	0	96.2	994.1	3.24	05/09/2025
Cadmium		1.0		**115**	100.0	0	114.8	118.0	2.69	05/09/2025
Chromium		1.5		**397**	400.0	0	99.2	408.8	2.95	05/09/2025
Cobalt		1.0		**963**	1000	0	96.3	983.0	2.04	05/09/2025
Copper		1.0		**487**	500.0	1.994	97.1	499.5	2.48	05/09/2025
Iron		25.0		**4020**	4000	138.6	97.0	4138	2.93	05/09/2025
Lead		1.0		**999**	1000	0	99.9	1014	1.51	05/09/2025
Lithium	*	3.0		**1010**	1000	3.107	100.7	1057	4.54	05/12/2025
Manganese		2.0		**1060**	1000	42.53	102.1	1102	3.57	05/09/2025
Molybdenum		1.5		**1110**	1000	0.6594	111.2	1153	3.56	05/09/2025
Nickel		1.0		**962**	1000	0.6531	96.1	981.5	2.03	05/09/2025
Selenium		1.0		**1100**	1000	0	109.8	1119	1.93	05/12/2025
Silver		1.0		**111**	100.0	0	110.6	111.7	1.01	05/09/2025
Thallium		2.0		**502**	500.0	0	100.4	507.0	1.01	05/09/2025
Vanadium		5.0		**991**	1000	0	99.1	1031	3.98	05/09/2025
Zinc		15.0		**988**	1000	0	98.8	1023	3.50	05/09/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238907 **SampType:** MBLK Units **µg/L**
SampID: MBLK-238907

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	05/13/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	05/12/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	05/12/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	05/12/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	05/12/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	05/12/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	05/12/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	05/12/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	05/12/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	05/13/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	05/12/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	05/12/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	05/12/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	05/12/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	05/12/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	05/12/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	05/13/2025
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	05/12/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	05/12/2025
Tin	*	5.0	S	**5.9**	0.5000	0	1171	-100	100	05/12/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	05/12/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	05/12/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238907 **SampType:** LCS Units **µg/L**
SampID: LCS-238907

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		50.0		**4200**	4000	0	105.0	80	120	05/13/2025
Antimony		1.0		**1020**	1000	0	102.0	80	120	05/12/2025
Arsenic		1.0		**999**	1000	0	99.9	80	120	05/12/2025
Barium		2.0		**4390**	4000	0	109.8	80	120	05/13/2025
Beryllium		1.0		**98.0**	100.0	0	98.0	80	120	05/12/2025
Boron		25.0		**1020**	1000	0	101.7	80	120	05/12/2025
Cadmium		2.0		**98.9**	100.0	0	98.9	80	120	05/13/2025
Cadmium		1.0	S	**123**	100.0	0	123.3	80	120	05/12/2025
Chromium		1.5		**385**	400.0	0	96.2	80	120	05/12/2025
Cobalt		1.0		**923**	1000	0	92.3	80	120	05/12/2025
Copper		2.0		**518**	500.0	0	103.5	80	120	05/13/2025
Iron		25.0		**3820**	4000	0	95.5	80	120	05/12/2025
Lead		1.0		**999**	1000	0	99.9	80	120	05/12/2025
Lithium	*	3.0		**997**	1000	0	99.7	80	120	05/12/2025
Manganese		2.0		**1010**	1000	0	101.1	80	120	05/12/2025
Molybdenum		1.5		**941**	1000	0	94.1	80	120	05/12/2025
Nickel		1.0		**934**	1000	0	93.4	80	120	05/12/2025
Selenium		2.0		**1020**	1000	0	102.1	80	120	05/13/2025
Silver		1.0		**118**	100.0	0	118.3	80	120	05/12/2025
Thallium		2.0		**494**	500.0	0	98.7	80	120	05/12/2025
Tin	*	5.0	B	**985**	1000	0	98.5	80	120	05/12/2025
Vanadium		5.0		**946**	1000	0	94.6	80	120	05/12/2025
Zinc		15.0		**954**	1000	0	95.4	80	120	05/12/2025

Batch 238907 **SampType:** MS Units **µg/L**
SampID: 25050826-027BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**1020**	1000	0	101.6	75	125	05/12/2025
Arsenic		1.0		**1020**	1000	0	102.5	75	125	05/12/2025
Lead		1.0		**997**	1000	0	99.7	75	125	05/12/2025
Thallium		2.0		**501**	500.0	0	100.2	75	125	05/12/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 238907 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25050826-027BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**1030**	1000	0	102.7	1016	1.08	05/12/2025
Arsenic		1.0		**1060**	1000	0	105.5	1025	2.94	05/12/2025
Lead		1.0		**1020**	1000	0	101.8	997.2	2.04	05/12/2025
Thallium		2.0		**505**	500.0	0	101.0	501.0	0.75	05/12/2025

Batch 238907 **SampType:** MS Units **µg/L**
SampID: 25050826-033BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**1020**	1000	0	102.0	75	125	05/12/2025
Arsenic		1.0		**1010**	1000	0	101.0	75	125	05/12/2025
Lead		1.0		**988**	1000	0	98.8	75	125	05/12/2025
Thallium		2.0		**494**	500.0	0	98.7	75	125	05/12/2025

Batch 238907 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 25050826-033BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**1020**	1000	0	102.3	1020	0.27	05/12/2025
Arsenic		1.0		**1020**	1000	0	101.9	1010	0.83	05/12/2025
Lead		1.0		**982**	1000	0	98.2	987.9	0.63	05/12/2025
Thallium		2.0		**489**	500.0	0	97.7	493.7	1.05	05/12/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 240141 **SampType:** MBLK Units µg/L
SampID: MBLK-240141

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	06/07/2025
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	06/07/2025
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	06/07/2025
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	06/07/2025
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	06/07/2025
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	06/07/2025
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	06/07/2025
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	06/07/2025
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	06/07/2025
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	06/07/2025
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	06/07/2025
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	06/07/2025
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	06/07/2025
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	06/07/2025
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	06/07/2025
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	06/07/2025
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	06/07/2025
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	06/07/2025
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	06/07/2025
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	06/07/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

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

Batch 240141 **SampType:** LCS Units µg/L
SampID: LCS-240141

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**3860**	4000	0	96.6	80	120	06/07/2025
Antimony		1.0		**1090**	1000	0	109.1	80	120	06/07/2025
Arsenic		1.0		**956**	1000	0	95.6	80	120	06/07/2025
Barium		1.0		**4670**	4000	0	116.7	80	120	06/07/2025
Beryllium		1.0		**95.6**	100.0	0	95.6	80	120	06/07/2025
Boron		25.0		**985**	1000	0	98.5	80	120	06/07/2025
Cadmium		1.0		**106**	100.0	0	106.3	80	120	06/07/2025
Chromium		1.5		**384**	400.0	0	96.1	80	120	06/07/2025
Cobalt		1.0		**932**	1000	0	93.2	80	120	06/07/2025
Copper		1.0		**488**	500.0	0	97.6	80	120	06/07/2025
Iron		25.0		**3980**	4000	0	99.4	80	120	06/07/2025
Lead		1.0		**958**	1000	0	95.8	80	120	06/07/2025
Lithium	*	3.0		**957**	1000	0	95.7	80	120	06/07/2025
Manganese		2.0		**957**	1000	0	95.7	80	120	06/07/2025
Molybdenum		1.5		**1000**	1000	0	100.0	80	120	06/07/2025
Nickel		1.0		**969**	1000	0	96.9	80	120	06/07/2025
Selenium		1.0		**946**	1000	0	94.6	80	120	06/07/2025
Thallium		2.0		**473**	500.0	0	94.6	80	120	06/07/2025
Vanadium		5.0		**960**	1000	0	96.0	80	120	06/07/2025
Zinc		15.0		**964**	1000	0	96.4	80	120	06/07/2025

SW-846 7470A (DISSOLVED)

Batch 238695 **SampType:** MS Units µg/L
SampID: 25050053-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.63**	5.000	0	92.6	75	125	05/07/2025

Batch 238695 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 25050053-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.58**	5.000	0	91.6	4.629	1.07	05/07/2025

Batch 238746 **SampType:** MS Units µg/L
SampID: 25042689-003JMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20	E	**10.3**	10.00	0	103.0	75	125	05/07/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 7470A (DISSOLVED)

Batch 238746 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25042689-003JMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20	E	**10.0**	10.00	0	100.3	10.30	2.70	05/07/2025

Batch 238746 **SampType:** MS Units µg/L
SampID: 25042690-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20	E	**10.6**	10.00	0	106.3	75	125	05/07/2025

Batch 238746 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25042690-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20	E	**10.7**	10.00	0	107.5	10.63	1.09	05/07/2025

SW-846 7470A (TOTAL)

Batch 238440 **SampType:** MBLK Units µg/L
SampID: MBLK-238440

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	05/02/2025

Batch 238441 **SampType:** MBLK Units µg/L
SampID: MBLK-238441

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	05/02/2025

Batch 238441 **SampType:** LCS Units µg/L
SampID: LCS-238441

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.45**	5.000	0	89.1	85	115	05/02/2025

Batch 238441 **SampType:** MS Units µg/L
SampID: 25041418-048BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.40**	5.000	0	88.0	75	125	05/02/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 7470A (TOTAL)

Batch 238441 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-048BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.36**	5.000	0	87.2	4.399	0.88	05/02/2025

Batch 238441 **SampType:** MS Units µg/L
SampID: 25041418-049CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.49**	5.000	0	89.8	75	125	05/02/2025

Batch 238441 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-049CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.23**	5.000	0	84.6	4.488	5.91	05/02/2025

Batch 238519 **SampType:** MBLK Units µg/L
SampID: MBLK-238519

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	05/05/2025

Batch 238519 **SampType:** LCS Units µg/L
SampID: LCS-238519

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.16**	5.000	0	103.2	85	115	05/05/2025

Batch 238519 **SampType:** MS Units µg/L
SampID: 25041418-007CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.25**	5.000	0	105.0	75	125	05/05/2025

Batch 238519 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-007CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.15**	5.000	0	102.9	5.250	2.01	05/05/2025

Batch 238519 **SampType:** MS Units µg/L
SampID: 25041418-032CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.17**	5.000	0	103.4	75	125	05/05/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 7470A (TOTAL)

Batch 238519 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-032CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.26**	5.000	0	105.2	5.168	1.78	05/05/2025

Batch 238520 **SampType:** MBLK Units µg/L
SampID: MBLK-238520

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	05/05/2025

Batch 238520 **SampType:** LCS Units µg/L
SampID: LCS-238520

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	85	115	05/05/2025

Batch 238520 **SampType:** MS Units µg/L
SampID: 25041418-038CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.39**	5.000	0	87.8	75	125	05/05/2025

Batch 238520 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-038CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.31**	5.000	0	86.1	4.390	1.96	05/05/2025

Batch 238520 **SampType:** MS Units µg/L
SampID: 25041418-040CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.49**	5.000	0	89.8	75	125	05/05/2025

Batch 238520 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-040CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.52**	5.000	0	90.4	4.490	0.63	05/05/2025

Batch 238560 **SampType:** MBLK Units µg/L
SampID: MBLK-238560

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	05/05/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 7470A (TOTAL)

Batch 238560 **SampType:** LCS Units µg/L
SampID: LCS-238560

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.46**	5.000	0	89.3	85	115	05/05/2025

Batch 238560 **SampType:** MS Units µg/L
SampID: 25041418-054BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.46**	5.000	0	89.3	75	125	05/05/2025

Batch 238560 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 25041418-054BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.32**	5.000	0	86.3	4.464	3.40	05/05/2025

Batch 238616 **SampType:** MBLK Units µg/L
SampID: MBLK-238616

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	05/06/2025

Batch 238616 **SampType:** LCS Units µg/L
SampID: LCS-238616

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.54**	5.000	0	90.8	85	115	05/06/2025

Batch 238616 **SampType:** MS Units µg/L
SampID: 25041418-025CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.74**	5.000	0	94.7	75	125	05/06/2025

Batch 238616 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 25041418-025CMSD

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	4.737	0.07	05/06/2025

Batch 238616 **SampType:** MS Units µg/L
SampID: 25041418-046CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.80**	5.000	0	96.0	75	125	05/06/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 7470A (TOTAL)

Batch 238616 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-046CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.70**	5.000	0	94.1	4.424	6.13	05/06/2025

Batch 238653 **SampType:** MBLK Units µg/L
SampID: MBLK-238653

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	05/06/2025

Batch 238653 **SampType:** LCS Units µg/L
SampID: LCS-238653

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.62**	5.000	0	92.3	85	115	05/06/2025

Batch 238653 **SampType:** MS Units µg/L
SampID: 25041418-044CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.60**	5.000	0	91.9	75	125	05/06/2025

Batch 238653 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-044CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.52**	5.000	0	90.5	4.596	1.56	05/06/2025

Batch 238653 **SampType:** MS Units µg/L
SampID: 25041418-060BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**3.98**	5.000	0	79.5	75	125	05/06/2025

Batch 238653 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-060BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.17**	5.000	0	83.4	3.976	4.76	05/06/2025

Batch 238695 **SampType:** MBLK Units µg/L
SampID: MBLK-238695

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	05/07/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 7470A (TOTAL)

Batch 238695 **SampType:** LCS Units µg/L
SampID: LCS-238695

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.57**	5.000	0	91.5	85	115	05/07/2025

Batch 238746 **SampType:** MBLK Units µg/L
SampID: MBLK-238746

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	05/07/2025

Batch 238746 **SampType:** LCS Units µg/L
SampID: LCS-238746

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.71**	5.000	0	94.2	85	115	05/07/2025

Batch 238747 **SampType:** MBLK Units µg/L
SampID: MBLK-238747

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	05/08/2025

Batch 238747 **SampType:** LCS Units µg/L
SampID: LCS-238747

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.82**	5.000	0	96.4	85	115	05/08/2025

Batch 238747 **SampType:** MS Units µg/L
SampID: 25041418-066BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.84**	5.000	0	96.9	75	125	05/08/2025

Batch 238747 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 25041418-066BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.82**	5.000	0	96.5	4.843	0.41	05/08/2025

Batch 238747 **SampType:** MS Units µg/L
SampID: 25041418-078BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.48**	5.000	0	89.7	75	125	05/08/2025

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Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 7470A (TOTAL)

Batch 238747 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-078BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.35**	5.000	0	87.1	4.484	2.97	05/08/2025

Batch 238795 **SampType:** MBLK Units µg/L
SampID: MBLK-238795

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	05/09/2025

Batch 238795 **SampType:** LCS Units µg/L
SampID: LCS-238795

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	05/09/2025

Batch 238795 **SampType:** MS Units µg/L
SampID: 25041418-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.40**	5.000	0	108.1	75	125	05/09/2025

Batch 238795 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.53**	5.000	0	110.5	5.403	2.26	05/09/2025

Batch 238795 **SampType:** MS Units µg/L
SampID: 25041418-094BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.61**	5.000	0	112.2	75	125	05/09/2025

Batch 238795 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 25041418-094BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.72**	5.000	0	114.4	5.612	1.88	05/09/2025

Batch 238876 **SampType:** MBLK Units µg/L
SampID: MBLK-238876

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	05/12/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

SW-846 7470A (TOTAL)

Batch 238876 **SampType:** LCS Units **µg/L**
SampID: LCS-238876

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.63**	5.000	0	92.6	85	115	05/12/2025

Batch 238876 **SampType:** MS Units **µg/L**
SampID: 25041418-093IMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.19**	5.000	0	103.8	75	125	05/12/2025

Batch 238876 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 25041418-093IMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.90**	5.000	0	98.0	5.190	5.74	05/12/2025

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041418
Client Project: COF-25Q2
Report Date: 17-Jun-25

Carrier: Justin Colp
Received By: LEH

Completed by: Amber Dilallo
On: 30-Apr-25

Reviewed by: Ellie Hopkins
On: 08-May-25

Pages to follow: Chain of custody 35 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 6.2
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☑	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

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

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

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

Samples were received on 4/29/25 at 1540 on ice [6.2, 8.9, 14.3 and 15.3C - LTG#9]. Additional Nitric Acid (103505) was needed upon arrival at the laboratory for G154 and G276. Additional Sodium Hydroxide (102642) was needed upon arrival at the laboratory for G153. pH strip #98858/101358. - LH/amberdilallo - 4/30/2025 8:20:17 AM

Samples were received on 4/30/25 at 1523 on ice [5.1 and 5.3C - LTG#5]. Additional Nitric Acid (103505) was needed upon arrival at the laboratory for G207 total container. pH strip #98858/101358. - EK/amberdilallo - 4/30/2025 4:30:09 PM

Samples were received on 5/1/25 at 1620 on ice [14.3, 17.1, 12.3 and 15.1C - LTG#5]. Additional Sodium Hydroxide (102642) was needed upon arrival at the laboratory for G101. Additional Nitric Acid (103505) was needed upon arrival at the laboratory for G106, G314, G314D, G316 and G316 Dup. pH strip #98858/101358. Received G316 Dup not G306 Dup. - EK/amberdilallo - 5/1/2025 5:09:16 PM

Samples were received on 5/2/25 at 1205 on ice [4.9 and 5.2C - LTG#5]. pH strip #98858/101358. - EK/amberdilallo - 5/2/2025 12:35:40 PM

Samples were received on 5/5/25 at 1620 on ice [8.3, 11.5, 13.5, 10.7 and 11.3C - LTG#5]. Additional Nitric Acid (103505) was needed upon arrival at the laboratory for G272 and G303. pH strip #101358. - amberdilallo - 5/5/2025 4:58:03 PM

Samples were received on 5/6/25 at 1630 on ice [3.5C, 4.7C, 5.9C and 5.1C - LTG#5]. Additional Nitric Acid (103505) was needed in G407 upon arrival at the laboratory. Additional Sodium Hydroxide (102642) was needed in G401 and G407 upon arrival at the laboratory. pH strip #98858/101358. - amberdilallo - 5/7/2025 8:55:29 AM

Samples were received on 5/7/25 at 1400 on ice [6.5, 6.3, 7.1 and 6.1C - LTG#3]. Additional Sodium Hydroxide (102642) was needed upon arrival at the laboratory for G278. pH strip #98858/101358. - amberdilallo - 5/8/2025 7:54:11 AM

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll

Client Project: COF-25Q2

Work Order: 25041418

Report Date: 17-Jun-25

Samples were received on 5/8/25 at 1105 on ice [5.9C and 3.9C - LTG#9]. pH#101358/98858. Headspace present in 1 of the 3 hydrochloric acid vials in L202. - NR/lhenson - 5/8/2025 2:46:28 PM

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	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-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	AP2D	WT	G				2	1		1								X					X								25041418-001
2	G1001	WT	G				2	1		1								X					X								25041418-002
3	G1003	WT	G				2	1		1								X					X			X					25041418-003
4	G101	WT	G				5	2	1	1		1										X									25041418-004
5	G102	WT	G				7	2	2	2		1										X						X			25041418-005
6	G103	WT	G				7	2	2	2		1										X						X			25041418-006
7	G105	WT	G				7	2	2	2		1										X						X			25041418-007
8	G106	WT	G				7	2	2	2		1										X						X			25041418-008
9	G107	WT	G				5	2	1	1		1										X									25041418-009
10	G108	WT	G				5	2	1	1		1										X									25041418-010
11	G109	WT	G	4-29-25	952		5	2	1	1		1										X									25041418-011
12	G110	WT	G	4-29-25	1032		5	2	1	1		1										X									25041418-012
13	G111	WT	G	4-29-25	1116		5	2	1	1		1										X									25041418-013
14	G119	WT	G	4-29-25	1202		5	2	1	1		1										X									25041418-014
15	G120	WT	G	4-29-25	1227		5	2	1	1		1										X									25041418-015
16	G121	WT	G	4-29-25	1253		5	2	1	1		1										X									25041418-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	4-29	1540		4/29	1540	

SAMPLER NAME AND SIGNATURE						
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	4-29-25	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

PW 61358/98858

Temp 6.2, 8.9, 14.3, 15.3

added HNO_3 (103505) to G154, G276.

added NaOH (102642) to G153

UG 9 on ice

LA 4/29/25

CHAIN-OF-CUSTODY / Analytical Request Document

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25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	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-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	G122	WT	G	4-29-25	1330		5	2	1	1		1									X										25041418-017
2	G123	WT	G				5	2	1	1		1									X										25041418-018
3	G124	WT	G				5	2	1	1		1									X										25041418-019
4	G125	WT	G				5	2	1	1		1									X										25041418-020
5	G126	WT	G	4-29-25	1320		5	2	1	1		1									X										25041418-021
6	G151	WT	G	4-29-25	949		4	1		1		1																	X		25041418-022
7	G152	WT	G				4	1		1		1																	X		25041418-023
8	G153	WT	G	4-29-25	1275		4	1		1		1																	X		25041418-024
9	G154	WT	G	4-29-25	1128		5	2		2		1														X			X		25041418-025
10	G155	WT	G	4-29-25	1041		4	2		1		1																	X		25041418-026
11	G200	WT	G				6	2	1	2		1							X					X		X		X			25041418-027
12	G206	WT	G				6	2	1	2		1							X					X		X		X			25041418-028
13	G206D	WT	G				3	1		2									X					X		X					25041418-029
14	G207	WT	G				6	2	1	2		1															X				25041418-030
15	G208	WT	G				6	2	1	2		1															X				25041418-031
16	G209	WT	G				6	2	1	2		1							X					X		X		X			25041418-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	4-29	1540		4/29	1540	

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): 4-29-25				

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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: 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-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	G210	WT	G				6	2	1	2		1																X			25041418-033
2	G211	WT	G				6	2	1	2		1																X			25041418-034
3	G212	WT	G				6	2	1	2		1							X					X		X		X			25041418-035
4	G213	WT	G				6	2	1	2		1							X					X		X		X			25041418-036
5	G214	WT	G				6	2	1	2		1																X			25041418-037
6	G215	WT	G				6	2	1	2		1							X					X		X		X			25041418-038
7	G216	WT	G				6	2	1	2		1																X			25041418-039
8	G217	WT	G				6	2	1	2		1							X					X		X		X			25041418-040
9	G218	WT	G				6	2	1	2		1							X					X		X		X			25041418-041
10	G270	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-042
11	G271	WT	G				6	2	1	2		1								X					X	X		X			25041418-043
12	G272	WT	G				6	2	1	2		1																X			25041418-044
13	G273	WT	G				6	2	1	2		1								X					X	X		X			25041418-045
14	G274	WT	G	4/29/25	0946		6	2	1	2		1																X			25041418-046
15	G275	WT	G	4/29/25	1201		6	2	1	2		1								X					X	X		X			25041418-047
16	G275D	WT	G	4/29/25	1043		3	1		2										X					X	X					25041418-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-25Q2 Rev 0	J. Colp	4-29	1540		4/29	1540				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Payton Yoch

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 04/29/25

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY

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

Site Location *STATE:* IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	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-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	G276	WT	G	4/29/25	1312		6	2	1	2		1								X					X	X		X			25041418-049
2	G277	WT	G				6	2	1	2		1								X					X	X		X			25041418-050
3	G278	WT	G				6	2	1	2		1																X			25041418-051
4	G279	WT	G				6	2	1	2		1								X					X	X	X	X			25041418-052
5	G280	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-053
6	G281	WT	G				4	1		2		1					X	X				X	X				X				25041418-054
7	G283	WT	G				3	1		2										X					X	X					25041418-055
8	G284	WT	G				3	1		2										X					X	X					25041418-056
9	G285	WT	G				3	1		2										X					X	X					25041418-057
10	G301	WT	G				2	1		1							X					X									25041418-058
11	G302	WT	G				2	1		1							X					X									25041418-059
12	G303	WT	G				2	1		1							X					X									25041418-060
13	G305	WT	G				2	1		1							X					X									25041418-061
14	G306	WT	G				2	1		1							X					X									25041418-062
15	G307	WT	G				2	1		1							X					X									25041418-063
16	G307D	WT	G				2	1		1							X					X									25041418-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	4-29	1540		4/29	1540	

SAMPLER NAME AND SIGNATURE						
PRINT Name of SAMPLER:	Payton Tosh	DATE Signed (MM/DD/YY):	04/29/25	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:							

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	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-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	G411	WT	G				4	1		2		1															X				25041418-081
2	L202	WT	G				20	10	5	1	3	1									X										25041418-082
3	NE Riser	WT	G				3	1		2									X					X		X					25041418-083
4	R104	WT	G				7	2	2	2		1									X							X			25041418-084
5	R201	WT	G				6	2	1	2		1							X					X		X		X			25041418-085
6	R205	WT	G				6	2	1	2		1																X			25041418-086
7	SG-02	WT	G				0										X	X				X	X								25041418-087
8	SG-03	WT	G				0										X	X				X	X								25041418-088
9	T127	WT	G				5	2	1	1		1									X										25041418-089
10	T128	WT	G				5	2	1	1		1									X										25041418-090
11	X201	WT	G				3	1		2										X					X	X					25041418-091
12	XSG-01	WT	G				0										X					X									25041418-092
13	Field Blank	WT	G				22	12	4	1	3	1			1		X	X	X	X	X	X	X	X	X	X	X	X	X		25041418-093
14	G1001 Duplicate	WT	G				2	1		1								X					X								25041418-094
15	G110 Duplicate	WT	G	4-29-25	1032		5	2	1	1		1									X										25041418-095
16	G151 Duplicate	WT	G	4-29-25	949		4	2		1		1																	X		25041418-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-25Q2 Rev 0	J. Colp	4-29	1540		4/29	1525

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 4-29-25

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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; 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-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	G122	WT	G				5	2	1	1		1									X									25041418-017
2	G123	WT	G				5	2	1	1		1									X									25041418-018
3	G124	WT	G				5	2	1	1		1									X									25041418-019
4	G125	WT	G				5	2	1	1		1									X									25041418-020
5	G126	WT	G				5	2	1	1		1									X									25041418-021
6	G151	WT	G				4	1		1		1																X		25041418-022
7	G152	WT	G				4	1		1		1																X		25041418-023
8	G153	WT	G				4	1		1		1																X		25041418-024
9	G154	WT	G				5	2		2		1														X		X		25041418-025
10	G155	WT	G				4	2		1		1																X		25041418-026
11	G200	WT	G				6	2	1	2		1							X					X		X		x		25041418-027
12	G206	WT	G	4-30-25	1131		6	2	1	2		1							X					X		X		x		25041418-028
13	G206D	WT	G	4-30-25	1037		3	1		2									X					X		X				25041418-029
14	G207	WT	G	4-30-25	1220		6	2	1	2		1																x		25041418-030
15	G208	WT	G				6	2	1	2		1																x		25041418-031
16	G209	WT	G				6	2	1	2		1							X					X		X		X		25041418-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-25Q2 Rev 0	Jenny Carroll	4/30/25	1523	[illegible]	4/30/25	1523				

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:	[signature]	DATE Signed (MM/DD/YY): 4-30-25				

Added HNO_3 (103505) to total G207.

5.1°, 5.3° #5 on ice PHV 101358; 98858 EF 4/30/25

25041418

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
	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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	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-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	G276	WT	G				6	2	1	2		1								X					X	X		X			25041418-049
2	G277	WT	G				6	2	1	2		1								X					X	X		X			25041418-050
3	G278	WT	G				6	2	1	2		1								X								X			25041418-051
4	G279	WT	G				6	2	1	2		1								X					X	X	X	X			25041418-052
5	G280	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-053
6	G281	WT	G				4	1		2		1					X	X					X	X			X				25041418-054
7	G283	WT	G				3	1		2										X					X	X					25041418-055
8	G284	WT	G				3	1		2										X					X	X					25041418-056
9	G285	WT	G				3	1		2										X					X	X					25041418-057
10	G301	WT	G				2	1		1							X						X								25041418-058
11	G302	WT	G				2	1		1							X						X								25041418-059
12	G303	WT	G				2	1		1							X						X								25041418-060
13	G305	WT	G				2	1		1							X						X								25041418-061
14	G306	WT	G	4/30/25	1018		2	1		1							X						X								25041418-062
15	G307	WT	G	4/30/25	1217		2	1		1							X						X								25041418-063
16	G307D	WT	G	4/30/25	1128		2	1		1							X						X								25041418-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-25Q2 Rev 0	Jeremy Caudill	4/30/25	1523		4/30/25	1523

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: Payton Tosh

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 04/30/25

25041418

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	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	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-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	G209 Duplicate	WT	G				6	2	1	2		1							X					X		X		X			25041418-097
2	G211 Duplicate	WT	G				6	2	1	2		1																X			25041418-098
3	G270 Duplicate	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-099
4	G279 Duplicate	WT	G				6	2	1	2		1								X					X	X	X	X			25041418-100
5	G306 Duplicate	WT	G	4/30/25	1018		2	1		1							X					X									25041418-101
6	G316 Duplicate	WT	G				2	1		1							X					X									25041418-102
7	G411 Duplicate	WT	G				4	1		2		1															X				25041418-103
8	Equipment Blank 1	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X			25041418-104
9	Equipment Blank 2	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X			25041418-105
10	Equipment Blank 3	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X			25041418-106
11																															
12																															
13																															
14																															
15																															
16																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	Jason Grieve	4/30/25	1523	Union Oilfield	4/30/25	1523	

SAMPLER NAME AND SIGNATURE							
PRINT Name of SAMPLER:	Braxton Todd						
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	04/30/25	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY		
NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	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-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	AP2D	WT	G				2	1		1								X					X							25041418-001
2	G1001	WT	G				2	1		1								X					X							25041418-002
3	G1003	WT	G				2	1		1								X					X			X					25041418-003
4	G101	WT	G	5-1-25	1213		5	2	1	1		1									X									25041418-004
5	G102	WT	G	5-1-25	1357		7	2	2	2		1									X						X			25041418-005
6	G103	WT	G	5-1-25	1015		7	2	2	2		1									X						X			25041418-006
7	G105	WT	G	5-1-25	1137		7	2	2	2		1									X						X			25041418-007
8	G106	WT	G	5-1-25	1213		7	2	2	2		1									X						X			25041418-008
9	G107	WT	G	5-1-25	1257		5	2	1	1		1									X									25041418-009
10	G108	WT	G	5-1-25	918		5	2	1	1		1									X									25041418-010
11	G109	WT	G				5	2	1	1		1									X									25041418-011
12	G110	WT	G				5	2	1	1		1									X									25041418-012
13	G111	WT	G				5	2	1	1		1									X									25041418-013
14	G119	WT	G				5	2	1	1		1									X									25041418-014
15	G120	WT	G				5	2	1	1		1									X									25041418-015
16	G121	WT	G				5	2	1	1		1									X									25041418-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-25Q2 Rev 0		5-1	1620		5/1/25	1620				

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Culp				
SIGNATURE of SAMPLER:					
DATE Signed (MM/DD/YY):	5-1-25				

on ice 14.3° 17.1° 12.3° 15.1° #5 pH✓ 101358 & 98858
Added NaOH (102642) G101 Added HNO3 (103505) to G106
G314, G314 D, G316, and G316 dup. Sample G316 duplicate
Collected 5/1/25 @ 0941 and did not collect G306 duplicate.
JK 5/1/25

25041418

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 Coffeen, IL 62017	Copy To:	Sam Davies: samantha.davies@vistracorp.com Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com	Company Name:	Vistra Corp
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Address:	see Section A
Phone:	(217) 753-8911 Fax:	Project Name:		Quote Reference:	
Requested Due Date/TAT:	10 day	Project Number:	1940112376-003	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-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	G122	WT	G				5	2	1	1		1										X									25041418-017
2	G123	WT	G				5	2	1	1		1										X									25041418-018
3	G124	WT	G	5-1-25	1350		5	2	1	1		1										X									25041418-019
4	G125	WT	G				5	2	1	1		1										X									25041418-020
5	G126	WT	G				5	2	1	1		1										X									25041418-021
6	G151	WT	G				4	1		1		1																	X		25041418-022
7	G152	WT	G				4	1		1		1																	X		25041418-023
8	G153	WT	G				4	1		1		1																	X		25041418-024
9	G154	WT	G				5	2		2		1															X		X		25041418-025
10	G155	WT	G				4	2		1		1																	X		25041418-026
11	G200	WT	G				6	2	1	2		1								X					X		X		X		25041418-027
12	G206	WT	G				6	2	1	2		1								X					X		X		X		25041418-028
13	G206D	WT	G				3	1		2										X					X						25041418-029
14	G207	WT	G				6	2	1	2		1																X				25041418-030
15	G208	WT	G	5-1-25	921		6	2	1	2		1																X				25041418-031
16	G209	WT	G	5-1-25	959		6	2	1	2		1								X					X		X		X		25041418-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-1	1620		5/1/25	1620	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Cole			Y	N	
SIGNATURE of SAMPLER:	Justin Cole	DATE Signed (MM/DD/YY): 5-1-25				

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	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-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	G210	WT	G	5-1-25	1102		6	2	1	2		1															X			25041418-033
2	G211	WT	G	5-1-25	1313		6	2	1	2		1															X			25041418-034
3	G212	WT	G				6	2	1	2		1							X					X		X	X			25041418-035
4	G213	WT	G				6	2	1	2		1							X					X		X	X			25041418-036
5	G214	WT	G				6	2	1	2		1															X			25041418-037
6	G215	WT	G	5/1/25	1410		6	2	1	2		1							X					X		X	X			25041418-038
7	G216	WT	G	5/1/25	1338		6	2	1	2		1															X			25041418-039
8	G217	WT	G	5/1/25	1257		6	2	1	2		1							X					X		X	X			25041418-040
9	G218	WT	G	5/1/25	1226		6	2	1	2		1							X					X		X	X			25041418-041
10	G270	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-042
11	G271	WT	G				6	2	1	2		1								X					X	X		X			25041418-043
12	G272	WT	G				6	2	1	2		1																X			25041418-044
13	G273	WT	G				6	2	1	2		1								X					X	X		X			25041418-045
14	G274	WT	G				6	2	1	2		1																X			25041418-046
15	G275	WT	G				6	2	1	2		1								X					X	X		X			25041418-047
16	G275D	WT	G				3	1		2										X					X	X					25041418-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-25Q2 Rev 0		5-1	1620		5/1/25	1620				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gilliham

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 5-1-25

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	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-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	G276	WT	G				6	2	1	2		1								X					X	X		X			25041418-049
2	G277	WT	G				6	2	1	2		1								X					X	X		X			25041418-050
3	G278	WT	G				6	2	1	2		1																X			25041418-051
4	G279	WT	G				6	2	1	2		1								X					X	X	X	X			25041418-052
5	G280	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-053
6	G281	WT	G				4	1		2		1					X	X				X	X				X				25041418-054
7	G283	WT	G				3	1		2										X					X	X					25041418-055
8	G284	WT	G				3	1		2										X					X	X					25041418-056
9	G285	WT	G				3	1		2										X					X	X					25041418-057
10	G301	WT	G				2	1		1							X						X								25041418-058
11	G302	WT	G				2	1		1							X						X								25041418-059
12	G303	WT	G				2	1		1							X						X								25041418-060
13	G305	WT	G				2	1		1							X						X								25041418-061
14	G306	WT	G				2	1		1							X						X								25041418-062
15	G307	WT	G				2	1		1							X						X								25041418-063
16	G307D	WT	G				2	1		1							X						X								25041418-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	D.J.S	5-1	1629	Amber Hollis	5/1/25	1620	

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:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY

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

Site Location ***STATE:*** IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	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-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	WT	G				2	1		1							X					X									25041418-065
2	G310	WT	G				2	1		1							X					X									25041418-066
3	G312	WT	G				2	1		1							X					X									25041418-067
4	G313	WT	G				2	1		1							X					X									25041418-068
5	G314	WT	G	5/1/25	1105		2	1		1							X					X									25041418-069
6	G314D	WT	G	5/1/25	1028		2	1		1							X					X									25041418-070
7	G315	WT	G				2	1		1							X					X									25041418-071
8	G316	WT	G	5/1/25	0941		2	1		1							X					X									25041418-072
9	G401	WT	G				4	1		2		1						X					X				X				25041418-073
10	G402	WT	G				4	1		2		1						X					X				X				25041418-074
11	G403	WT	G				4	1		2		1						X					X				X				25041418-075
12	G404	WT	G				4	1		2		1						X					X				X				25041418-076
13	G405	WT	G				4	1		2		1						X					X				X				25041418-077
14	G406	WT	G				4	1		2		1						X					X				X				25041418-078
15	G407	WT	G				4	1		2		1						X					X				X				25041418-079
16	G410	WT	G				4	1		2		1															X				25041418-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	SJ GO	5-1	1629	Lamba Gilalleo	5/1/25	1630	

SAMPLER NAME AND SIGNATURE							
PRINT Name of SAMPLER:	Payton Todd	DATE Signed (MM/DD/YY):	05/01/25	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:					Y	N	

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	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-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	G411	WT	G				4	1		2		1															X				25041418-081
2	L202	WT	G				20	10	5	1	3	1									X										25041418-082
3	NE Riser	WT	G				3	1		2									X					X		X					25041418-083
4	R104	WT	G	5-1-25	1054		7	2	2	2		1									X							X			25041418-084
5	R201	WT	G				6	2	1	2		1							X					X		X		X			25041418-085
6	R205	WT	G				6	2	1	2		1																X			25041418-086
7	SG-02	WT	G				0										X	X				X	X								25041418-087
8	SG-03	WT	G				0										X	X				X	X								25041418-088
9	T127	WT	G				5	2	1	1		1									X										25041418-089
10	T128	WT	G	5-1-25	1442		5	2	1	1		1									X										25041418-090
11	X201	WT	G				3	1		2										X					X	X					25041418-091
12	XSG-01	WT	G				0										X					X									25041418-092
13	Field Blank	WT	G				22	12	4	1	3	1			1		X	X	X	X	X	X	X	X	X	X	X	X	X		25041418-093
14	G1001 Duplicate	WT	G				2	1		1								X					X								25041418-094
15	G110 Duplicate	WT	G				5	2	1	1		1									X										25041418-095
16	G151 Duplicate	WT	G				4	2		1		1																	X		25041418-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-1	1629		5/1/25	1630	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Cole		Y		
SIGNATURE of SAMPLER:			N		
DATE Signed (MM/DD/YY):	5-1-25				

25041418

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	REGULATORY AGENCY
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker	
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp	NPDES **GROUND WATER** DRINKING WATER
Coffeen, IL 62017	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com	Address: see Section A	UST RCRA OTHER
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:	
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:	Site Location STATE: IL
Requested Due Date/TAT: 10 day	Project Number: 1940112376-003	Profile #:	

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-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	G209 Duplicate	WT	G	5-1-25	959		6	2	1	2		1								X				X		X		X			25041418-097
2	G211 Duplicate	WT	G	5-1-25	1313		6	2	1	2		1																X			25041418-098
3	G270 Duplicate	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-099
4	G279 Duplicate	WT	G				6	2	1	2		1								X					X	X	X	X			25041418-100
5	G306 Duplicate	WT	G	5/1/25	0941		2	1		1							X						X								25041418-101
6	G316 Duplicate	WT	G				2	1		1							X						X								25041418-102
7	G411 Duplicate	WT	G				4	1		2		1															X				25041418-103
8	Equipment Blank 1	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X			25041418-104
9	Equipment Blank 2	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X			25041418-105
10	Equipment Blank 3	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X			25041418-106
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	Y	N	
COF-25Q2 Rev 0	[signature]	5-1	1629	[signature]	5/1/25	1620				

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Payton Jack					
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY): 05/01/25				

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	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-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	G210	WT	G				6	2	1	2		1																X			25041418-033
2	G211	WT	G				6	2	1	2		1																X			25041418-034
3	G212	WT	G	5-2-25	926		6	2	1	2		1							X					X		X		X			25041418-035
4	G213	WT	G	5-2-25	1004		6	2	1	2		1							X					X		X		X			25041418-036
5	G214	WT	G				6	2	1	2		1																X			25041418-037
6	G215	WT	G				6	2	1	2		1							X					X		X		X			25041418-038
7	G216	WT	G				6	2	1	2		1																X			25041418-039
8	G217	WT	G				6	2	1	2		1							X					X		X		X			25041418-040
9	G218	WT	G				6	2	1	2		1							X					X		X		X			25041418-041
10	G270	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-042
11	G271	WT	G				6	2	1	2		1								X					X	X		X			25041418-043
12	G272	WT	G				6	2	1	2		1																X			25041418-044
13	G273	WT	G				6	2	1	2		1								X					X	X		X			25041418-045
14	G274	WT	G				6	2	1	2		1																X			25041418-046
15	G275	WT	G				6	2	1	2		1								X					X	X		X			25041418-047
16	G275D	WT	G				3	1		2										X					X	X					25041418-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-25Q2 Rev 0	J. Colp	5-2	1205	Unknown Collector	5/2/25	1205				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-2-25

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

On ice 4.9°, 5.2° #5 pH✓ 101358 & 98858
EK 5/2/2025

25041418

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	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	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-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	G276	WT	G				6	2	1	2		1								X					X	X		X			25041418-049
2	G277	WT	G				6	2	1	2		1								X					X	X		X			25041418-050
3	G278	WT	G				6	2	1	2		1																X			25041418-051
4	G279	WT	G				6	2	1	2		1								X					X	X	X	X			25041418-052
5	G280	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-053
6	G281	WT	G	5-2-25	907		4	1		2		1					X	X				X	X				X				25041418-054
7	G283	WT	G				3	1		2										X					X	X					25041418-055
8	G284	WT	G				3	1		2										X					X	X					25041418-056
9	G285	WT	G				3	1		2										X					X	X					25041418-057
10	G301	WT	G				2	1		1							X						X								25041418-058
11	G302	WT	G				2	1		1							X						X								25041418-059
12	G303	WT	G				2	1		1							X						X								25041418-060
13	G305	WT	G				2	1		1							X						X								25041418-061
14	G306	WT	G				2	1		1							X						X								25041418-062
15	G307	WT	G				2	1		1							X						X								25041418-063
16	G307D	WT	G				2	1		1							X						X								25041418-064

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-2	1205	Undra Cullers	5/2/25	1205	

SAMPLER NAME AND SIGNATURE							
PRINT Name of SAMPLER:	Justin Colp						
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	5-2-25	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	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-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	WT	G				2	1		1							X					X									25041418-065
2	G310	WT	G				2	1		1							X					X									25041418-066
3	G312	WT	G				2	1		1							X					X									25041418-067
4	G313	WT	G				2	1		1							X					X									25041418-068
5	G314	WT	G				2	1		1							X					X									25041418-069
6	G314D	WT	G				2	1		1							X					X									25041418-070
7	G315	WT	G				2	1		1							X					X									25041418-071
8	G316	WT	G				2	1		1							X					X									25041418-072
9	G401	WT	G				4	1		2		1						X					X				X					25041418-073
10	G402	WT	G				4	1		2		1						X					X				X					25041418-074
11	G403	WT	G	5-2-25	919		4	1		2		1						X					X				X					25041418-075
12	G404	WT	G	5-2-25	1004		4	1		2		1						X					X				X					25041418-076
13	G405	WT	G	5-2-25	955		4	1		2		1						X					X				X					25041418-077
14	G406	WT	G				4	1		2		1						X					X				X					25041418-078
15	G407	WT	G				4	1		2		1						X					X				X					25041418-079
16	G410	WT	G				4	1		2		1															X					25041418-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-25Q2 Rev 0	J-Colp	5-2	1205	[signature]	5/2/25	1205		Y	N	

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Colp		
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY):	5-2-25

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

25041418

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	REGULATORY AGENCY
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp	
Coffeen, IL 62017	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com	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: 1940112376-003	Profile #:	

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	Requested Analysis Filtered (Y/N): COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G122		WT	G				5	2	1	1		1								X											25041418-017
2	G123		WT	G	5-5-25	1309		5	2	1	1		1								X											25041418-018
3	G124		WT	G				5	2	1	1		1								X											25041418-019
4	G125		WT	G	5-5-25	1343		5	2	1	1		1								X											25041418-020
5	G126		WT	G				5	2	1	1		1								X											25041418-021
6	G151		WT	G				4	1		1		1																		X		25041418-022
7	G152		WT	G				4	1		1		1																		X		25041418-023
8	G153		WT	G				4	1		1		1																		X		25041418-024
9	G154		WT	G				5	2		2		1																X		X		25041418-025
10	G155		WT	G				4	2		1		1																		X		25041418-026
11	G200		WT	G	5-5-25	1043		6	2	1	2		1										X					X		X		X		25041418-027
12	G206		WT	G				6	2	1	2		1										X					X		X		X		25041418-028
13	G206D		WT	G				3	1		2												X					X		X				25041418-029
14	G207		WT	G				6	2	1	2		1																			X		25041418-030
15	G208		WT	G				6	2	1	2		1																			X		25041418-031
16	G209		WT	G				6	2	1	2		1										X						X		X		X		25041418-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-5	1620		5/5/25	1620	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp			Y	N	
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY): 5-5-25				

Added HNO_3 (103505) G272 & G303
pH ✓ 101358
G279 Dup date and time Total Total per original G279 date and time.
LK 5/15/2025

on ice 8.3°, 11.5°, 13.5°, 10.7°, 11.3° #5

25041418

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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	G210	WT	G				6	2	1	2		1																X			25041418-033
2	G211	WT	G				6	2	1	2		1																X			25041418-034
3	G212	WT	G				6	2	1	2		1							X					X		X		X			25041418-035
4	G213	WT	G				6	2	1	2		1							X					X		X		X			25041418-036
5	G214	WT	G				6	2	1	2		1																X			25041418-037
6	G215	WT	G				6	2	1	2		1							X					X		X		X			25041418-038
7	G216	WT	G				6	2	1	2		1																X			25041418-039
8	G217	WT	G				6	2	1	2		1							X					X		X		X			25041418-040
9	G218	WT	G				6	2	1	2		1							X					X		X		X			25041418-041
10	G270	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-042
11	G271	WT	G				6	2	1	2		1								X					X	X		X			25041418-043
12	G272	WT	G	5-5-23	1016		6	2	1	2		1																X			25041418-044
13	G273	WT	G	55-23	1101		6	2	1	2		1								X					X	X		X			25041418-045
14	G274	WT	G				6	2	1	2		1																X			25041418-046
15	G275	WT	G				6	2	1	2		1								X					X	X		X			25041418-047
16	G275D	WT	G				3	1		2										X					X	X					25041418-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-25Q2 Rev 0	J. Colp	5-5	1620		5/5/25	1620

SAMPLE CONDITIONS

Temp in °C	Y	N	

Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 5-5-25

25041418

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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	G276	WT	G				6	2	1	2		1								X					X	X		X			25041418-049
2	G277	WT	G	5-5-25	1217		6	2	1	2		1								X					X	X		X			25041418-050
3	G278	WT	G				6	2	1	2		1																X			25041418-051
4	G279	WT	G	5-5-25	1310		6	2	1	2		1								X					X	X	X	X			25041418-052
5	G280	WT	G	5-5-25	1355		6	2	1	2		1						X		X			X		X	X	X	X			25041418-053
6	G281	WT	G				4	1		2		1					X	X				X	X				X				25041418-054
7	G283	WT	G				3	1		2										X					X	X					25041418-055
8	G284	WT	G				3	1		2										X					X	X					25041418-056
9	G285	WT	G				3	1		2										X					X	X					25041418-057
10	G301	WT	G				2	1		1							X					X									25041418-058
11	G302	WT	G				2	1		1							X					X									25041418-059
12	G303	WT	G	5-5-25	1439		2	1		1							X					X									25041418-060
13	G305	WT	G				2	1		1							X					X									25041418-061
14	G306	WT	G				2	1		1							X					X									25041418-062
15	G307	WT	G				2	1		1							X					X									25041418-063
16	G307D	WT	G				2	1		1							X					X									25041418-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-5	1620		5/6/25	11:20	

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: Justin Colp

DATE Signed (MM/DD/YY): 5-5-25

25041418

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	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	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-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	G411	WT	G	5-5-25	1427		4	1		2		1														X				25041418-081
2	L202	WT	G				20	10	5	1	3	1									X									25041418-082
3	NE Riser	WT	G				3	1		2									X					X		X				25041418-083
4	R104	WT	G				7	2	2	2		1									X						X			25041418-084
5	R201	WT	G	5-5-25	1124		6	2	1	2		1							X					X		X		X		25041418-085
6	R205	WT	G				6	2	1	2		1															X			25041418-086
7	SG-02	WT	G				0										X	X				X	X							25041418-087
8	SG-03	WT	G				0										X	X				X	X							25041418-088
9	T127	WT	G	5-5-25	1232		5	2	1	1		1									X									25041418-089
10	T128	WT	G				5	2	1	1		1									X									25041418-090
11	X201	WT	G				3	1		2										X					X	X				25041418-091
12	XSG-01	WT	G				0										X					X								25041418-092
13	Field Blank	WT	G				22	12	4	1	3	1			1		X	X	X	X	X	X	X	X	X	X	X	X	X		25041418-093
14	G1001 Duplicate	WT	G				2	1		1								X					X							25041418-094
15	G110 Duplicate	WT	G				5	2	1	1		1									X									25041418-095
16	G151 Duplicate	WT	G				4	2		1		1																X		25041418-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-5	1620		5/5/25	16:20	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp		Temp in °C	Received on Ice (Y/N)	Y
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 5-5-25		Custody Sealed Cooler (Y/N)	N
				Samples Intact (Y/N)	

25041418

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	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	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-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	G209 Duplicate	WT	G				6	2	1	2		1							X					X		X		X			25041418-097
2	G211 Duplicate	WT	G				6	2	1	2		1																X			25041418-098
3	G270 Duplicate	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-099
4	G279 Duplicate	WT	G	5-5-25	1310		6	2	1	2		1								X					X	X	X	X			25041418-100
5	G306 Duplicate	WT	G				2	1		1							X					X									25041418-101
6	G316 Duplicate	WT	G				2	1		1							X					X									25041418-102
7	G411 Duplicate	WT	G	5-5-25	1427		4	1		2		1															X				25041418-103
8	Equipment Blank 1	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X		25041418-104
9	Equipment Blank 2	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X		25041418-105
10	Equipment Blank 3	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X		25041418-106
11																															
12																															
13																															
14																															
15																															
16																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-5	1620		5/5/25	16:20	

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	Z	
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY): 5-5-25				

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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: 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-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	G210	WT	G				6	2	1	2		1																X			25041418-033
2	G211	WT	G				6	2	1	2		1																X			25041418-034
3	G212	WT	G				6	2	1	2		1							X					X		X		X			25041418-035
4	G213	WT	G				6	2	1	2		1							X					X		X		X			25041418-036
5	G214	WT	G	5-6-25	1136		6	2	1	2		1																X			25041418-037
6	G215	WT	G				6	2	1	2		1							X					X		X		X			25041418-038
7	G216	WT	G				6	2	1	2		1																X			25041418-039
8	G217	WT	G				6	2	1	2		1							X					X		X		X			25041418-040
9	G218	WT	G				6	2	1	2		1							X					X		X		X			25041418-041
10	G270	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-042
11	G271	WT	G				6	2	1	2		1								X					X	X		X			25041418-043
12	G272	WT	G				6	2	1	2		1																X			25041418-044
13	G273	WT	G				6	2	1	2		1								X					X	X		X			25041418-045
14	G274	WT	G				6	2	1	2		1																X			25041418-046
15	G275	WT	G				6	2	1	2		1								X					X	X		X			25041418-047
16	G275D	WT	G				3	1		2										X					X	X					25041418-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-25Q2 Rev 0		5-6	1630		5/6/25	16:30				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cal

SIGNATURE of SAMPLER: Justin Cal DATE Signed (MM/DD/YY): 5-6-2025

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3.5, 4.7, 5.9, 5.1	ice	UCs	

Added HNO3 (1035O5) to G407 dissolved container. Added NaOH (102642) to G401 & G407. pH ✓ 98858/101358. Sm 5/7/25 TE

25041418

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	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	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-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	G276	WT	G				6	2	1	2		1								X					X	X		X			25041418-049
2	G277	WT	G				6	2	1	2		1								X					X	X		X			25041418-050
3	G278	WT	G	~~5-6-25~~ JK			6	2	1	2		1																X			25041418-051
4	G279	WT	G				6	2	1	2		1								X					X	X	X	X			25041418-052
5	G280	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-053
6	G281	WT	G				4	1		2		1					X	X				X	X				X				25041418-054
7	G283	WT	G	5-6-25	1331		3	1		2										X					X	X					25041418-055
8	G284	WT	G	5-6-25	945		3	1		2										X					X	X					25041418-056
9	G285	WT	G				3	1		2										X					X	X					25041418-057
10	G301	WT	G	5-6-25	1307		2	1		1							X					X									25041418-058
11	G302	WT	G	5-6-25	1347		2	1		1							X					X									25041418-059
12	G303	WT	G				2	1		1							X					X									25041418-060
13	G305	WT	G	5-6-25	1235		2	1		1							X					X									25041418-061
14	G306	WT	G				2	1		1							X					X									25041418-062
15	G307	WT	G				2	1		1							X					X									25041418-063
16	G307D	WT	G				2	1		1							X					X									25041418-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	JK	5-6	1630		5/6/25	16:30	Y / Z

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): 5-6-2025				

25041418

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	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	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-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	WT	G	5-6-25	1035		2	1		1							X					X									25041418-065
2	G310	WT	G	5-6-25	1224		2	1		1							X					X									25041418-066
3	G312	WT	G	5-6-25	1451		2	1		1							X					X									25041418-067
4	G313	WT	G	5-6-25	1414		2	1		1							X					X									25041418-068
5	G314	WT	G				2	1		1							X					X									25041418-069
6	G314D	WT	G				2	1		1							X					X									25041418-070
7	G315	WT	G				2	1		1							X					X									25041418-071
8	G316	WT	G				2	1		1							X					X									25041418-072
9	G401	WT	G	5-6-25	1458		4	1		2		1						X					X				X					25041418-073
10	G402	WT	G	5-6-25	1054		4	1		2		1						X					X				X					25041418-074
11	G403	WT	G				4	1		2		1						X					X				X					25041418-075
12	G404	WT	G				4	1		2		1						X					X				X					25041418-076
13	G405	WT	G				4	1		2		1						X					X				X					25041418-077
14	G406	WT	G	5-6-25	1146		4	1		2		1						X					X				X					25041418-078
15	G407	WT	G	5-6-25	914		4	1		2		1						X					X				X					25041418-079
16	G410	WT	G	5-6-25	1004		4	1		2		1															X					25041418-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-6	1630		5/6/25	16:30	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Cdl		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): 5-6-25				

25041418

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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	AP2D	WT	G				2	1		1								X					X							25041418-001
2	G1001	WT	G	5-7-25	1015		2	1		1								X					X							25041418-002
3	G1003	WT	G	5-7-25	ORG		2	1		1								X					X			X				25041418-003
4	G101	WT	G				5	2	1	1		1										X								25041418-004
5	G102	WT	G				7	2	2	2		1										X						X			25041418-005
6	G103	WT	G				7	2	2	2		1										X						X			25041418-006
7	G105	WT	G				7	2	2	2		1										X						X			25041418-007
8	G106	WT	G				7	2	2	2		1										X						X			25041418-008
9	G107	WT	G				5	2	1	1		1										X									25041418-009
10	G108	WT	G				5	2	1	1		1										X									25041418-010
11	G109	WT	G				5	2	1	1		1										X									25041418-011
12	G110	WT	G				5	2	1	1		1										X									25041418-012
13	G111	WT	G				5	2	1	1		1										X									25041418-013
14	G119	WT	G				5	2	1	1		1										X									25041418-014
15	G120	WT	G				5	2	1	1		1										X									25041418-015
16	G121	WT	G				5	2	1	1		1										X									25041418-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	[signature]	5-7	1400	[signature]	5/7/25	1400	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-7-25

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

Added NaOH(10240412) to G278. pH ✓ 98858/101358 am 5/8/25

Temp: 6.5, 6.3, 7.1, & 6.1 LTG# 3

25041418

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; Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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	G122	WT	G				5	2	1	1		1									X										25041418-017
2	G123	WT	G				5	2	1	1		1									X										25041418-018
3	G124	WT	G				5	2	1	1		1									X										25041418-019
4	G125	WT	G				5	2	1	1		1									X										25041418-020
5	G126	WT	G				5	2	1	1		1									X										25041418-021
6	G151	WT	G				4	1		1		1																	X		25041418-022
7	G152	WT	G	5-7-25	1159		4	1		1		1																	X		25041418-023
8	G153	WT	G				4	1		1		1																	X		25041418-024
9	G154	WT	G				5	2		2		1															X		X		25041418-025
10	G155	WT	G				4	2		1		1																	X		25041418-026
11	G200	WT	G				6	2	1	2		1							X					X		X					25041418-027
12	G206	WT	G				6	2	1	2		1							X					X		X					25041418-028
13	G206D	WT	G				3	1		2									X					X		X					25041418-029
14	G207	WT	G				6	2	1	2		1															X				25041418-030
15	G208	WT	G				6	2	1	2		1															X				25041418-031
16	G209	WT	G				6	2	1	2		1							X					X		X		X			25041418-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-25Q2 Rev 0		5-7	1400		5/7/25	1400		Y	Z	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: Justin Culp

DATE Signed (MM/DD/YY): 5-7-25

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

25041418

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; Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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	G210	WT	G				6	2	1	2		1																X			25041418-033
2	G211	WT	G				6	2	1	2		1																X			25041418-034
3	G212	WT	G				6	2	1	2		1							X					X		X		X			25041418-035
4	G213	WT	G				6	2	1	2		1							X					X		X		X			25041418-036
5	G214	WT	G				6	2	1	2		1																X			25041418-037
6	G215	WT	G				6	2	1	2		1							X					X		X		X			25041418-038
7	G216	WT	G				6	2	1	2		1																X			25041418-039
8	G217	WT	G				6	2	1	2		1							X					X		X		X			25041418-040
9	G218	WT	G				6	2	1	2		1							X					X		X		X			25041418-041
10	G270	WT	G	5-7-25	1022		6	2	1	2		1						X		X			X		X	X	X	X			25041418-042
11	G271	WT	G	5-7-25	950		6	2	1	2		1								X					X	X		X			25041418-043
12	G272	WT	G				6	2	1	2		1																X			25041418-044
13	G273	WT	G				6	2	1	2		1								X					X	X		X			25041418-045
14	G274	WT	G				6	2	1	2		1																X			25041418-046
15	G275	WT	G				6	2	1	2		1								X					X	X		X			25041418-047
16	G275D	WT	G				3	1		2										X					X	X					25041418-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-7	1400		5/7/25	1400	

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:

DATE Signed (MM/DD/YY): 5-7-25

25041418

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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 CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED 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-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	G276	WT	G				6	2	1	2		1								X					X	X		X			25041418-049
2	G277	WT	G				6	2	1	2		1								X					X	X		X			25041418-050
3	G278	WT	G	5-7-25	1111		6	2	1	2		1																X			25041418-051
4	G279	WT	G				6	2	1	2		1								X					X	X	X	X			25041418-052
5	G280	WT	G				6	2	1	2		1						X		X			X		X	X	X	X			25041418-053
6	G281	WT	G				4	1		2		1					X	X				X	X				X				25041418-054
7	G283	WT	G				3	1		2										X					X	X					25041418-055
8	G284	WT	G				3	1		2										X					X	X					25041418-056
9	G285	WT	G	5-7-25	1115		3	1		2										X					X	X					25041418-057
10	G301	WT	G				2	1		1							X					X									25041418-058
11	G302	WT	G				2	1		1							X					X									25041418-059
12	G303	WT	G				2	1		1							X					X									25041418-060
13	G305	WT	G				2	1		1							X					X									25041418-061
14	G306	WT	G				2	1		1							X					X									25041418-062
15	G307	WT	G				2	1		1							X					X									25041418-063
16	G307D	WT	G				2	1		1							X					X									25041418-064

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-25Q2 Rev 0	JG	5-7	1400	Thomas Dillon	5/7/25	1401	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Culp			Y	Z	
SIGNATURE of SAMPLER:	Justin Culp	DATE Signed (MM/DD/YY): 5-7-25				

25041418

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	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	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-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	WT	G				2	1		1							X					X									25041418-065
2	G310	WT	G				2	1		1							X					X									25041418-066
3	G312	WT	G				2	1		1							X					X									25041418-067
4	G313	WT	G				2	1		1							X					X									25041418-068
5	G314	WT	G				2	1		1							X					X									25041418-069
6	G314D	WT	G				2	1		1							X					X									25041418-070
7	G315	WT	G	5/7/25	1237		2	1		1							X					X									25041418-071
8	G316	WT	G				2	1		1							X					X									25041418-072
9	G401	WT	G				4	1		2		1						X					X				X					25041418-073
10	G402	WT	G				4	1		2		1						X					X				X					25041418-074
11	G403	WT	G				4	1		2		1						X					X				X					25041418-075
12	G404	WT	G				4	1		2		1						X					X				X					25041418-076
13	G405	WT	G				4	1		2		1						X					X				X					25041418-077
14	G406	WT	G				4	1		2		1						X					X				X					25041418-078
15	G407	WT	G				4	1		2		1						X					X				X					25041418-079
16	G410	WT	G				4	1		2		1															X					25041418-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	[illegible]	5-7	1400	[illegible]	5/7/25	1400	

	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: [signature]

DATE Signed (MM/DD/YY): 5-7-25

25041418

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	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	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	Sample ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G411	WT	G				4	1		2		1														X				25041418-081
2	L202	WT	G				20	10	5	1	3	1									X										25041418-082
3	NE Riser	WT	G				3	1		2									X					X		X					25041418-083
4	R104	WT	G				7	2	2	2		1									X						X				25041418-084
5	R201	WT	G				6	2	1	2		1							X					X		X		X			25041418-085
6	R205	WT	G	5-7-25	1153		6	2	1	2		1																X			25041418-086
7	SG-02	WT	G				0										X	X				X	X								25041418-087
8	SG-03	WT	G				0										X	X				X	X								25041418-088
9	T127	WT	G				5	2	1	1		1									X										25041418-089
10	T128	WT	G				5	2	1	1		1									X										25041418-090
11	X201	WT	G				3	1		2										X					X	X					25041418-091
12	XSG-01	WT	G				0										X					X									25041418-092
13	Field Blank	WT	G				22	12	4	1	3	1			1		X	X	X	X	X	X	X	X	X	X	X	X	X			25041418-093
14	G1001 Duplicate	WT	G	5-7-25	1015		2	1		1								X					X								25041418-094
15	G110 Duplicate	WT	G				5	2	1	1		1									X										25041418-095
16	G151 Duplicate	WT	G				4	2		1		1																	X			25041418-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	[signature]	5-7	1400	[signature]	5/7/25	1400	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp				
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY):	5-7-25		

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

25041418

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	Profile #:

REGULATORY AGENCY

NPDES **GROUND WATER** DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	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-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	G209 Duplicate	WT	G				6	2	1	2		1							X					X		X		X			25041418-097
2	G211 Duplicate	WT	G				6	2	1	2		1																X			25041418-098
3	G270 Duplicate	WT	G	5-7-25	1022		6	2	1	2		1						X		X			X		X	X	X	X			25041418-099
4	G279 Duplicate	WT	G				6	2	1	2		1								X					X	X	X	X			25041418-100
5	G306 Duplicate	WT	G				2	1		1							X					X								25041418-101
6	G316 Duplicate	WT	G				2	1		1							X					X								25041418-102
7	G411 Duplicate	WT	G				4	1		2		1															X				25041418-103
8	Equipment Blank 1	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X		25041418-104
9	Equipment Blank 2	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X		25041418-105
10	Equipment Blank 3	WT	G				7	4	1	1		1					X	X	X	X	X	X	X	X	X	X	X	X	X		25041418-106
11																														
12																														
13																														
14																														
15																														
16																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-7	1400		5/7/25	1400	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-7-25

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

25041418

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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	AP2D	WT	G	5-8-25	905		2	1		1								X					X								25041418-001
2	G1001	WT	G				2	1		1								X					X								25041418-002
3	G1003	WT	G				2	1		1								X					X			X					25041418-003
4	G101	WT	G				5	2	1	1		1										X									25041418-004
5	G102	WT	G				7	2	2	2		1										X						X			25041418-005
6	G103	WT	G				7	2	2	2		1										X						X			25041418-006
7	G105	WT	G				7	2	2	2		1										X						X			25041418-007
8	G106	WT	G				7	2	2	2		1										X						X			25041418-008
9	G107	WT	G				5	2	1	1		1										X									25041418-009
10	G108	WT	G				5	2	1	1		1										X									25041418-010
11	G109	WT	G				5	2	1	1		1										X									25041418-011
12	G110	WT	G				5	2	1	1		1										X									25041418-012
13	G111	WT	G				5	2	1	1		1										X									25041418-013
14	G119	WT	G				5	2	1	1		1										X									25041418-014
15	G120	WT	G				5	2	1	1		1										X									25041418-015
16	G121	WT	G				5	2	1	1		1										X									25041418-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-25Q2 Rev 0	J. Colp	5-8	1105		5/8/25	1125		Y	Z	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 5-8-2025

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

25041418

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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Company:	Vistra Corp-Coffeen
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Phone: (217) 753-8911	Fax
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Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
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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-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	G411	WT	G				4	1		2		1														X				25041418-081
2	L202	WT	G	5-8-25	925		20	10	5	1	3	1									X										25041418-082
3	NE Riser	WT	G	5-8-25	943		3	1		2									X					X		X					25041418-083
4	R104	WT	G				7	2	2	2		1									X							X			25041418-084
5	R201	WT	G				6	2	1	2		1							X					X		X		X			25041418-085
6	R205	WT	G				6	2	1	2		1																X			25041418-086
7	SG-02	WT	G				0										X	X				X	X								25041418-087
8	SG-03	WT	G				0										X	X				X	X								25041418-088
9	T127	WT	G				5	2	1	1		1									X										25041418-089
10	T128	WT	G				5	2	1	1		1									X										25041418-090
11	X201 Filter in lab	WT	G	5-8-25	956		3	1		2										X					X	X					25041418-091
12	XSG-01	WT	G				0										X					X									25041418-092
13	Field Blank	WT	G	5-8-25	920		22	12	4	1	3	1			1		X	X	X	X	X	X	X	X	X	X	X	X	X			25041418-093
14	G1001 Duplicate	WT	G				2	1		1								X					X								25041418-094
15	G110 Duplicate	WT	G				5	2	1	1		1									X										25041418-095
16	G151 Duplicate	WT	G				4	2		1		1																	X		25041418-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-8	1105		5/8/25	1105	

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): 5-8-2025

HS present 1/3 40 vials for L202 5/8 PHV 101358/98858 ~ 5/8

Ice Temp 5.9 + 3.9 °C LTGT 9°C

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

June 10, 2025

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

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

RE: COF-25Q2 **WorkOrder:** 25041419

Dear Eric Bauer:

TEKLAB, INC received 66 samples on 5/8/2025 11:05:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Elizabeth A. Hurley

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

Report Contents

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041419
Client Project: COF-25Q2
Report Date: 10-Jun-25

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	69
Receiving Check List	71
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

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

Definitions

Client: Ramboll
Work Order: 25041419
Client Project: COF-25Q2
Report Date: 10-Jun-25

Qualifiers

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

Case Narrative

Client: Ramboll
Client Project: COF-25Q2

Work Order: 25041419
Report Date: 10-Jun-25

Cooler Receipt Temp: 6.2 °C

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

G1003 was dry. Equipment Blanks were not required. EAH 5/12/25

G213 collection time per field file. EAH 5/19/25

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

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:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-001 **Client Sample ID:** G1001

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 10:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:34	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-003 **Client Sample ID:** G151

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 9:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:34	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-004 **Client Sample ID:** G152

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 11:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:34	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-005 **Client Sample ID:** G153

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 12:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:51	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-006 **Client Sample ID:** G154

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 11:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:33	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-007 **Client Sample ID:** G155

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 10:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:51	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-008 **Client Sample ID:** G200

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 10:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:50	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-009 **Client Sample ID:** G206

Matrix: GROUNDWATER **Collection Date:** 04/30/2025 11:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:50	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-010 **Client Sample ID:** G206D

Matrix: GROUNDWATER **Collection Date:** 04/30/2025 10:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:51	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-011 **Client Sample ID:** G209

Matrix: GROUNDWATER **Collection Date:** 05/01/2025 9:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:51	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-012 **Client Sample ID:** G212

Matrix: GROUNDWATER **Collection Date:** 05/02/2025 9:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:51	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-013 **Client Sample ID:** G213

Matrix: GROUNDWATER **Collection Date:** 05/02/2025 10:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:51	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-014 **Client Sample ID:** G215

Matrix: GROUNDWATER **Collection Date:** 05/01/2025 14:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:50	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-015 **Client Sample ID:** G217

Matrix: GROUNDWATER **Collection Date:** 05/01/2025 12:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:50	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-016 **Client Sample ID:** G218

Matrix: GROUNDWATER **Collection Date:** 05/01/2025 12:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:52	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-017 **Client Sample ID:** G270

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 10:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:52	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-018 **Client Sample ID:** G271

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 9:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:52	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-019 **Client Sample ID:** G273

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 11:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:52	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-020 **Client Sample ID:** G275

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 12:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:52	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-021 **Client Sample ID:** G275D

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 10:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:53	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-022 **Client Sample ID:** G276

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 13:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:53	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-023 **Client Sample ID:** G277

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 12:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-024 **Client Sample ID:** G279

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 13:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-025 **Client Sample ID:** G280

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 13:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:24	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-026 **Client Sample ID:** G281

Matrix: GROUNDWATER **Collection Date:** 05/02/2025 9:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:06	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-027 **Client Sample ID:** G283

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 13:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:24	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-028 **Client Sample ID:** G284

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 9:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:24	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-029 **Client Sample ID:** G285

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:24	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-030 **Client Sample ID:** G301

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 13:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:24	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-031 **Client Sample ID:** G302

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 13:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:24	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-032 **Client Sample ID:** G303

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 14:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:25	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-033 **Client Sample ID:** G305

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 12:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:24	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-034 **Client Sample ID:** G306

Matrix: GROUNDWATER **Collection Date:** 04/30/2025 10:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:24	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-035 **Client Sample ID:** G307

Matrix: GROUNDWATER **Collection Date:** 04/30/2025 12:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:24	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-036 **Client Sample ID:** G307D

Matrix: GROUNDWATER **Collection Date:** 04/30/2025 11:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:25	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-037 **Client Sample ID:** G308

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 10:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:25	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-038 **Client Sample ID:** G310

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 12:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:25	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-039 **Client Sample ID:** G312

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 14:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:26	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-040 **Client Sample ID:** G313

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 14:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:27	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-041 **Client Sample ID:** G314

Matrix: GROUNDWATER **Collection Date:** 05/01/2025 11:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:27	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-042 **Client Sample ID:** G314D

Matrix: GROUNDWATER **Collection Date:** 05/01/2025 10:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:27	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-043 **Client Sample ID:** G315

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 12:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:27	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-044 **Client Sample ID:** G316

Matrix: GROUNDWATER **Collection Date:** 05/01/2025 9:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/05/2025 14:27	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-045 **Client Sample ID:** G401

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 14:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:52	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-046 **Client Sample ID:** G402

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 10:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:52	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-047 **Client Sample ID:** G403

Matrix: GROUNDWATER **Collection Date:** 05/02/2025 9:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:52	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-048 **Client Sample ID:** G404

Matrix: GROUNDWATER **Collection Date:** 05/02/2025 10:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:52	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-049 **Client Sample ID:** G405

Matrix: GROUNDWATER **Collection Date:** 05/02/2025 9:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:52	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-050 **Client Sample ID:** G406

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 11:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:52	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-051 **Client Sample ID:** G407

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 9:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:52	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-052 **Client Sample ID:** G410

Matrix: GROUNDWATER **Collection Date:** 05/06/2025 10:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-053 **Client Sample ID:** G411

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 14:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-054 **Client Sample ID:** R201

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 11:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-055 **Client Sample ID:** Field Blank

Matrix: GROUNDWATER **Collection Date:** 05/08/2025 9:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-056 **Client Sample ID:** G1001 Duplicate

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 10:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-057 **Client Sample ID:** G151 Duplicate

Matrix: GROUNDWATER **Collection Date:** 04/29/2025 9:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-058 **Client Sample ID:** G209 Duplicate

Matrix: GROUNDWATER **Collection Date:** 05/01/2025 9:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-059 **Client Sample ID:** G270 Duplicate

Matrix: GROUNDWATER **Collection Date:** 05/07/2025 10:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-060 **Client Sample ID:** G279 Duplicate

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 13:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-061 **Client Sample ID:** G306 Duplicate

Matrix: GROUNDWATER **Collection Date:** 04/30/2025 10:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll
Work Order: 25041419
Client Project: COF-25Q2
Report Date: 10-Jun-25
Lab ID: 25041419-062
Client Sample ID: G316 Duplicate
Matrix: GROUNDWATER
Collection Date: 05/01/2025 9:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25041419

Client Project: COF-25Q2 **Report Date:** 10-Jun-25

Lab ID: 25041419-063 **Client Sample ID:** G411 Duplicate

Matrix: GROUNDWATER **Collection Date:** 05/05/2025 14:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	06/06/2025 11:53	R366337

Teklab, Inc.
Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: COF-25Q2

Work Order: 25041419
Report Date: 10-Jun-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25041419-001	G1001	Groundwater	1	05/07/2025 10:15
25041419-002	G1003	Groundwater	1	05/07/2025 0:00
25041419-003	G151	Groundwater	1	04/29/2025 9:49
25041419-004	G152	Groundwater	1	05/07/2025 11:59
25041419-005	G153	Groundwater	1	04/29/2025 12:15
25041419-006	G154	Groundwater	1	04/29/2025 11:28
25041419-007	G155	Groundwater	1	04/29/2025 10:41
25041419-008	G200	Groundwater	1	05/05/2025 10:43
25041419-009	G206	Groundwater	1	04/30/2025 11:31
25041419-010	G206D	Groundwater	1	04/30/2025 10:37
25041419-011	G209	Groundwater	1	05/01/2025 9:59
25041419-012	G212	Groundwater	1	05/02/2025 9:26
25041419-013	G213	Groundwater	1	05/02/2025 10:02
25041419-014	G215	Groundwater	1	05/01/2025 14:10
25041419-015	G217	Groundwater	1	05/01/2025 12:57
25041419-016	G218	Groundwater	1	05/01/2025 12:20
25041419-017	G270	Groundwater	1	05/07/2025 10:22
25041419-018	G271	Groundwater	1	05/07/2025 9:50
25041419-019	G273	Groundwater	1	05/05/2025 11:01
25041419-020	G275	Groundwater	1	04/29/2025 12:01
25041419-021	G275D	Groundwater	1	04/29/2025 10:43
25041419-022	G276	Groundwater	1	04/29/2025 13:12
25041419-023	G277	Groundwater	1	05/05/2025 12:17
25041419-024	G279	Groundwater	1	05/05/2025 13:10
25041419-025	G280	Groundwater	1	05/05/2025 13:55
25041419-026	G281	Groundwater	1	05/02/2025 9:07
25041419-027	G283	Groundwater	1	05/06/2025 13:31
25041419-028	G284	Groundwater	1	05/06/2025 9:45
25041419-029	G285	Groundwater	1	05/07/2025 11:15
25041419-030	G301	Groundwater	1	05/06/2025 13:07
25041419-031	G302	Groundwater	1	05/06/2025 13:47
25041419-032	G303	Groundwater	1	05/05/2025 14:39
25041419-033	G305	Groundwater	1	05/06/2025 12:35
25041419-034	G306	Groundwater	1	04/30/2025 10:18
25041419-035	G307	Groundwater	1	04/30/2025 12:17
25041419-036	G307D	Groundwater	1	04/30/2025 11:28
25041419-037	G308	Groundwater	1	05/06/2025 10:35
25041419-038	G310	Groundwater	1	05/06/2025 12:24
25041419-039	G312	Groundwater	1	05/06/2025 14:51

Teklab, Inc.
Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: COF-25Q2

Work Order: 25041419
Report Date: 10-Jun-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25041419-040	G313	Groundwater	1	05/06/2025 14:14
25041419-041	G314	Groundwater	1	05/01/2025 11:05
25041419-042	G314D	Groundwater	1	05/01/2025 10:28
25041419-043	G315	Groundwater	1	05/07/2025 12:37
25041419-044	G316	Groundwater	1	05/01/2025 9:41
25041419-045	G401	Groundwater	1	05/06/2025 14:58
25041419-046	G402	Groundwater	1	05/06/2025 10:54
25041419-047	G403	Groundwater	1	05/02/2025 9:19
25041419-048	G404	Groundwater	1	05/02/2025 10:04
25041419-049	G405	Groundwater	1	05/02/2025 9:55
25041419-050	G406	Groundwater	1	05/06/2025 11:46
25041419-051	G407	Groundwater	1	05/06/2025 9:14
25041419-052	G410	Groundwater	1	05/06/2025 10:04
25041419-053	G411	Groundwater	1	05/05/2025 14:27
25041419-054	R201	Groundwater	1	05/05/2025 11:24
25041419-055	Field Blank	Groundwater	1	05/08/2025 9:20
25041419-056	G1001 Duplicate	Groundwater	1	05/07/2025 10:15
25041419-057	G151 Duplicate	Groundwater	1	04/29/2025 9:49
25041419-058	G209 Duplicate	Groundwater	1	05/01/2025 9:59
25041419-059	G270 Duplicate	Groundwater	1	05/07/2025 10:22
25041419-060	G279 Duplicate	Groundwater	1	05/05/2025 13:10
25041419-061	G306 Duplicate	Groundwater	1	04/30/2025 10:18
25041419-062	G316 Duplicate	Groundwater	1	05/01/2025 9:41
25041419-063	G411 Duplicate	Groundwater	1	05/05/2025 14:27
25041419-064	Equipment Blank 1	Groundwater	1	
25041419-065	Equipment Blank 2	Groundwater	1	
25041419-066	Equipment Blank 3	Groundwater	1	

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Work Order: 25041419
Client Project: COF-25Q2
Report Date: 10-Jun-25

Carrier: Justin Colp
Received By: LEH

Completed by: Amber Dilallo
On: 30-Apr-25

Reviewed by: Ellie Hopkins
On: 08-May-25

Pages to follow: Chain of custody 35 Extra pages included 63

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 6.2
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

Samples were received on 4/29/25 at 1540 on ice [6.2 and 8.9C - LTG#9]. Additional Nitric Acid (103505) was needed upon arrival at the laboratory for G153, G154 and G275D. pH strip #101358. - LH/amberdilallo - 4/30/2025 8:23:03 AM

Samples were received on 4/30/25 at 1523 on ice [5.1 and 5.3C - LTG#5]. Additional Nitric Acid (103505) was needed upon arrival at the laboratory for G306 Dup. pH strip #101358. - EK/amberdilallo - 4/30/2025 4:28:16 PM

Samples were received on 5/1/25 at 1620 on ice [14.3, 17.1, 12.3 and 15.1C - LTG#5]. Additional Nitric Acid (103505) was needed upon arrival at the laboratory for G209, G314, G314 Dup, G316., G209 Dup and G316 Dup. pH strip #101358. - NR/amberdilallo - 5/1/2025 5:12:57 PM

Samples were received on 5/2/25 at 1205 on ice [6.1C - LTG#5]. Additional Nitric Acid (103505) was needed upon arrival at the laboratory for G212. pH strip #101358. - JD/amberdilallo - 5/2/2025 12:42:33 PM

Samples were received on 5/5/25 at 1620 on ice/blue ice [8.3, 11.5, 13.5, 10.7, 11.3C - LTG#5]. Additional Nitric Acid (103505) was needed upon arrival at the laboratory for G279 and G303. pH strip #101358. - JD/amberdilallo - 5/5/2025 4:56:12 PM

Samples were received on 5/6/25 at 16:30 on ice [3.5C, 4.7C, 5.9C, 5.1C - LTG#5]. pH#101358. Additional nitric acid (103505) was needed in G407 upon arrival at the laboratory. - AMD/lhenson - 5/7/2025 8:51:27 AM

Samples were received on 5/7/25 at 1400 on ice [6.5, 6.3, 7.1 and 6.1C - LTG#3]. Additional Nitric Acid (103505) was needed in G285 upon arrival at the laboratory. pH strip #101358. - amberdilallo - 5/8/2025 8:02:51 AM

Samples were received on 5/8/25 at 1105 on ice [3.9C - LTG#9]. pH#101358 - NR/lhenson/EAH - 5/8/2025 2:28:18 PM

25041419

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 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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	AP2D	WT	G				0																							N/A
2	G1001	WT	G				2			2								X					X							N/A
3	G1003	WT	G				2			2								X					X							25041419-001
4	G101	WT	G				0											X					X			X				25041419-002
5	G102	WT	G				0															X								N/A
6	G103	WT	G				0															X					X			N/A
7	G105	WT	G				0															X					X			N/A
8	G106	WT	G				0															X					X			N/A
9	G107	WT	G				0															X					X			N/A
10	G108	WT	G				0															X								N/A
11	G109	WT	G	4-29-25	952		0															X								N/A
12	G110	WT	G	4-29-25	1032		0															X								N/A
13	G111	WT	G	4-29-25	1116		0															X								N/A
14	G119	WT	G	4-29-25	1202		0															X								N/A
15	G120	WT	G	4-29-25	1227		0															X								N/A
16	G121	WT	G	4-29-25	1253		0															X								N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	4-29	1540		4/29	0540	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 4-29-25

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

PBV 101358
Temp 6.2 UT 9 added HNO_3 (103505)
8.9
G153, G154, G275 D
LH 4/29/25

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY

NPDES **GROUND WATER** DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

Ra226/228, only

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-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	G122		WT	G	4-24-25	1330		0													X										N/A
2	G123		WT	G				0													X										N/A
3	G124		WT	G				0													X										N/A
4	G125		WT	G				0													X										N/A
5	G126		WT	G	4-29-25	1330		0													X										N/A
6	G151		WT	G	4-29-25	949		2			2																		x		25041419-003
7	G152		WT	G				2			2																		x		25041419-004
8	G153		WT	G	4-29-25	1215		2			2																		x		25041419-005
9	G154		WT	G	4-29-25	1128		2			2																X		x		25041419-006
10	G155		WT	G	4-29-25	1041		2			2																		x		25041419-007
11	G200		WT	G				2			2												X				X		x		25041419-008
12	G206		WT	G				2			2												X				X		x		25041419-009
13	G206D		WT	G				2			2												X				X				25041419-010
14	G207		WT	G				0																				x			N/A
15	G208		WT	G				0																				x			N/A
16	G209		WT	G				2			2												X				X		X		25041419-011

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Cdp	4-29	1540		4/29	0340	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cdp

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 4-29-25

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

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY

NPDES | **GROUND WATER** | DRINKING WATER

UST | RCRA | OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N: Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G210	WT	G				0																					X			N/A
2	G211	WT	G				0																					X			N/A
3	G212	WT	G				2			2									X					X		X		X			25041419-012
4	G213	WT	G				2			2									X					X		X		X			25041419-013
5	G214	WT	G				0																					X			N/A
6	G215	WT	G				2			2									X					X		X		X			25041419-014
7	G216	WT	G				0																					X			N/A
8	G217	WT	G				2			2									X					X		X		X			25041419-015
9	G218	WT	G				2			2									X					X		X		X			25041419-016
10	G270	WT	G				2			2								X		X				X		X	X	X			25041419-017
11	G271	WT	G				2			2										X						X	X				25041419-018
12	G272	WT	G				0																					X			N/A
13	G273	WT	G				2			2										X						X	X				25041419-019
14	G274	WT	G	4/29/25	0946		0																					X			N/A
15	G275	WT	G	4/29/25	1701		2			2										X						X	X				25041419-020
16	G275D	WT	G	4/29/25	1643		2			2										X						X	X				25041419-021

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Cdp	4-29	1540		4/29	1540	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Payton Yoch		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): 04/29/25		Y	N	

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY

NPDES | **GROUND WATER** | DRINKING WATER

UST | RCRA | OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G276	DRINKING WATER DW, WATER WT, WASTE WATER WW, PRODUCT P, SOIL/SOLID SL, OIL OL, WIPE WP, AIR AR, OTHER OT, TISSUE TS	WT	G	4/29/25	1312		2			2										X				X	X		X			25041419-022
2	G277		WT	G				2			2										X				X	X		X			25041419-023
3	G278		WT	G				0																				X			N/A
4	G279		WT	G				2			2										X				X	X	X	X			25041419-024
5	G280		WT	G				2			2							X			X			X		X	X	X	X			25041419-025
6	G281		WT	G				2			2							X	X			X	X				X					25041419-026
7	G283		WT	G				2			2										X				X	X					25041419-027
8	G284		WT	G				2			2										X				X	X					25041419-028
9	G285		WT	G				2			2										X				X	X					25041419-029
10	G301		WT	G				2			2										X			X							25041419-030
11	G302		WT	G				2			2										X			X							25041419-031
12	G303		WT	G				2			2										X			X							25041419-032
13	G305		WT	G				2			2										X			X							25041419-033
14	G306		WT	G				2			2										X			X							25041419-034
15	G307		WT	G				2			2										X			X							25041419-035
16	G307D		WT	G				2			2										X			X							25041419-036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-25Q2 Rev 0	J. Cole	4-29	1540		4/29	1540		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: Payton Cole

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 04/29/25

25041419 COF Form

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G411	WT	G				2			2																X				25041419-053
2	L202	WT	G				0														X									N/A
3	NE Riser	WT	G				0												X					X		X					N/A
4	R104	WT	G				0														X						X				N/A
5	R201	WT	G				2			2									X					X		X		X			25041419-054
6	R205	WT	G				0																				X				N/A
7	SG-02	WT	G				0										X	X				X	X								N/A
8	SG-03	WT	G				0										X	X				X	X								N/A
9	T127	WT	G				0														X										N/A
10	T128	WT	G				0														X										N/A
11	X201	WT	G				0													X					X	X					N/A
12	XSG-01	WT	G				0										X					X									N/A
13	Field Blank	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-055
14	G1001 Duplicate	WT	G				2			2								X					X								25041419-056
15	G110 Duplicate	WT	G	4-29-25	1032		0														X										N/A
16	G151 Duplicate	WT	G	4-29-25	949		2			2																			X		25041419-057

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	4-29	1540		4/29	1520	

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): 4-29-25				

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY

NPDES **GROUND WATER** DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

Ra226/228, only

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-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	G122		WT	G				0														X										N/A
2	G123		WT	G				0														X										N/A
3	G124		WT	G				0														X										N/A
4	G125		WT	G				0														X										N/A
5	G126		WT	G				0														X										N/A
6	G151		WT	G				2			2																			x		25041419-003
7	G152		WT	G				2			2																			x		25041419-004
8	G153		WT	G				2			2																			x		25041419-005
9	G154		WT	G				2			2																X			x		25041419-006
10	G155		WT	G				2			2																			x		25041419-007
11	G200		WT	G				2			2													X			X		X		x		25041419-008
12	G206		WT	G	4-30-25	1131		2			2													X			X		X		x		25041419-009
13	G206D		WT	G	4-30-25	1037		2			2													X			X		X				25041419-010
14	G207		WT	G	4-30-25	1220		0																						x		N/A
15	G208		WT	G				0																						x		N/A
16	G209		WT	G				2			2													X			X		X		X		25041419-011

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-25Q2 Rev 0	Jason Carroll	4/30/25	1523	Hanlon Oiler	4/30/25	1523

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gillihan

SIGNATURE of SAMPLER: Brett Gillihan DATE Signed (MM/DD/YY): 4-30-25

Added HNO3(103505) 5.1°, 5.3° #5
to 1 of 2 G306 Dup. On ice ph✓101358
BK 4/30/25

25041419

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G276	WT	G				2			2										X					X	X		X			25041419-022
2	G277	WT	G				2			2										X					X	X		X			25041419-023
3	G278	WT	G				0																					X			N/A
4	G279	WT	G				2			2										X					X	X	X	X			25041419-024
5	G280	WT	G				2			2								X		X			X		X	X	X	X			25041419-025
6	G281	WT	G				2			2							X	X				X	X				X				25041419-026
7	G283	WT	G				2			2										X					X	X					25041419-027
8	G284	WT	G				2			2										X					X	X					25041419-028
9	G285	WT	G				2			2										X					X	X					25041419-029
10	G301	WT	G				2			2							X					X									25041419-030
11	G302	WT	G				2			2							X					X									25041419-031
12	G303	WT	G				2			2							X					X									25041419-032
13	G305	WT	G				2			2							X					X									25041419-033
14	G306	WT	G	4/30/25	1018		2			2							X					X									25041419-034
15	G307	WT	G	4/30/25	1217		2			2							X					X									25041419-035
16	G307D	WT	G	4/30/25	1178		2			2							X					X									25041419-036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-25Q2 Rev 0	Jean Carroll	4/30/25	1523	Urban Dilallo	4/30/25	1523				
							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: Payton Tack

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 04/30/25

25041419

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G209 Duplicate	WT	G				2			2									X					X		X		X			25041419-058
2	G211 Duplicate	WT	G				0																					X			N/A
3	G270 Duplicate	WT	G				2			2								X		X			X		X	X	X	X			25041419-059
4	G279 Duplicate	WT	G				2			2										X					X	X	X	X			25041419-060
5	G306 Duplicate	WT	G	4/30/25	1018		2			2							X					X									25041419-061
6	G316 Duplicate	WT	G				2			2							X					X									25041419-062
7	G411 Duplicate	WT	G				2			2																	X				25041419-063
8	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-064
9	Equipment Blank 2	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-065
10	Equipment Blank 3	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-066
11																															
12																															
13																															
14																															
15																															
16																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	Jason Grieve	4/30/25	1523	Vistra Corp	4/30/25	1523	

	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: Brayton Yoder

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 04/30/25

25041419

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; Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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 OT; TISSUE TS

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N ↓ Analysis Test ↓ COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	AP2D	WT	G				0										X					X							N/A
2	G1001	WT	G				2			2							X					X							25041419-001
3	G1003	WT	G				2			2							X					X			X				25041419-002
4	G101	WT	G	5-1-25	1213		0													X									N/A
5	G102	WT	G	5-1-25	1357		0													X							X		N/A
6	G103	WT	G	5-1-25	1015		0													X							X		N/A
7	G105	WT	G	5-1-25	1154		0													X							X		N/A
8	G106	WT	G	5-1-25	1213		0													X							X		N/A
9	G107	WT	G	5-1-25	1257		0													X									N/A
10	G108	WT	G	5-1-25	918		0													X									N/A
11	G109	WT	G				0													X									N/A
12	G110	WT	G				0													X									N/A
13	G111	WT	G				0													X									N/A
14	G119	WT	G				0													X									N/A
15	G120	WT	G				0													X									N/A
16	G121	WT	G				0													X									N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	[signature]	5-1	1629	[signature]	5/1/25	1620	

SAMPLE CONDITIONS: Y | N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-1-25

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

PHJ 101358 2/2
Added HNO_3 (103505) to G209, G314, G314D, G316, G209 Dup, G316 Dup. ~5/1

Temp: 14.3, 17.1, 12.3, 15.1 LTG #5

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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: 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-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)	Ra226/228, only: Project No./ Lab I.D.
1	G122	WT	G				0													X										N/A
2	G123	WT	G				0													X										N/A
3	G124	WT	G	5-1-25	1350		0													X										N/A
4	G125	WT	G				0													X										N/A
5	G126	WT	G				0													X										N/A
6	G151	WT	G				2			2																		X		25041419-003
7	G152	WT	G				2			2																		X		25041419-004
8	G153	WT	G				2			2																		X		25041419-005
9	G154	WT	G				2			2																X		X		25041419-006
10	G155	WT	G				2			2																		X		25041419-007
11	G200	WT	G				2			2									X					X		X		X		25041419-008
12	G206	WT	G				2			2									X					X		X		X		25041419-009
13	G206D	WT	G				2			2									X					X		X				25041419-010
14	G207	WT	G				0																					X		N/A
15	G208	WT	G	5-1-25	921		0																					X		N/A
16	G209	WT	G	5-1-25	959		2			2									X					X		X		X		25041419-011

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-25Q2 Rev 0		5-1	1620		5/1/25	1620		Y	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 5-1-25

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

25041419

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 Coffeen, IL 62017	Copy To:	Sam Davies: samantha.davies@vistracorp.com Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com	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:	1940112376-003	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	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-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)	Ra226/228, only: Project No./ Lab I.D.
1	G210	WT	G	5-1-25	1313		0																					X			N/A
2	G211	WT	G	5-1-25	1102		0																					X			N/A
3	G212	WT	G				2			2									X					X		X		X			25041419-012
4	G213	WT	G				2			2									X					X		X		X			25041419-013
5	G214	WT	G				0																					X			N/A
6	G215	WT	G	5/1/25	1410		2			2									X					X		X		X			25041419-014
7	G216	WT	G	5/1/25	1338		0																					X			N/A
8	G217	WT	G	5/1/25	1254		2			2									X					X		X		X			25041419-015
9	G218	WT	G	5/1/25	1220		2			2									X					X		X		X			25041419-016
10	G270	WT	G				2			2								X			X			X		X	X	X			25041419-017
11	G271	WT	G				2			2											X					X	X	X			25041419-018
12	G272	WT	G				0																					X			N/A
13	G273	WT	G				2			2											X					X	X	X			25041419-019
14	G274	WT	G				0																					X			N/A
15	G275	WT	G				2			2											X					X	X	X			25041419-020
16	G275D	WT	G				2			2											X					X	X				25041419-021

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-25Q2 Rev 0		5-1	1620		5/1/25	1620				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gilliam

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-1-25

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

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G276	WT	G				2			2										X					X	X		X			25041419-022
2	G277	WT	G				2			2										X					X	X		X			25041419-023
3	G278	WT	G				0																					X			N/A
4	G279	WT	G				2			2										X					X	X	X	X			25041419-024
5	G280	WT	G				2			2								X		X			X		X	X	X	X			25041419-025
6	G281	WT	G				2			2							X	X				X	X				X				25041419-026
7	G283	WT	G				2			2										X					X	X					25041419-027
8	G284	WT	G				2			2										X					X	X					25041419-028
9	G285	WT	G				2			2										X					X	X					25041419-029
10	G301	WT	G				2			2							X					X									25041419-030
11	G302	WT	G				2			2							X					X									25041419-031
12	G303	WT	G				2			2							X					X									25041419-032
13	G305	WT	G				2			2							X					X									25041419-033
14	G306	WT	G				2			2							X					X									25041419-034
15	G307	WT	G				2			2							X					X									25041419-035
16	G307D	WT	G				2			2							X					X									25041419-036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-25Q2 Rev 0					5/11/25	1620				

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

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	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	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-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)	Ra226/228, only Project No./ Lab I.D.
1	G308	WT	G				2			2							X					X									25041419-037
2	G310	WT	G				2			2							X					X									25041419-038
3	G312	WT	G				2			2							X					X									25041419-039
4	G313	WT	G				2			2							X					X									25041419-040
5	G314	WT	G	5/1/25	1105		2			2							X					X									25041419-041
6	G314D	WT	G	5/1/25	1028		2			2							X					X									25041419-042
7	G315	WT	G				2			2							X					X									25041419-043
8	G316	WT	G	5/1/25	0941		2			2							X					X									25041419-044
9	G401	WT	G				2			2								X					X				X				25041419-045
10	G402	WT	G				2			2								X					X				X				25041419-046
11	G403	WT	G				2			2								X					X				X				25041419-047
12	G404	WT	G				2			2								X					X				X				25041419-048
13	G405	WT	G				2			2								X					X				X				25041419-049
14	G406	WT	G				2			2								X					X				X				25041419-050
15	G407	WT	G				2			2								X					X				X				25041419-051
16	G410	WT	G				2			2								X					X				X				25041419-052

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-25Q2 Rev 0		5-1	1630					Y	N	
		5-1	1629							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Payton Tosh

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 05/01/25

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

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

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

Section D Required Client Information

Valid Matrix Codes

MATRIX	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-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)	Ra226/228, only: Project No./ Lab I.D.
																Requested Analysis Filtered (Y/N)															
1	G411	WT	G				2			2																	X				25041419-053
2	L202	WT	G				0															X								N/A
3	NE Riser	WT	G				0													X				X		X				N/A
4	R104	WT	G	5-1-25	1054		0															X					X			N/A
5	R201	WT	G				2			2										X				X		X	X			25041419-054
6	R205	WT	G				0																				X			N/A
7	SG-02	WT	G				0											X	X				X	X						N/A
8	SG-03	WT	G				0											X	X				X	X						N/A
9	T127	WT	G				0															X								N/A
10	T128	WT	G	5-1-25	1442		0															X								N/A
11	X201	WT	G				0														X					X				N/A
12	XSG-01	WT	G				0											X					X							N/A
13	Field Blank	WT	G				2			2								X	X	X	X	X	X	X	X	X	X	X	X	X	25041419-055
14	G1001 Duplicate	WT	G				2			2									X					X							25041419-056
15	G110 Duplicate	WT	G				0															X								N/A
16	G151 Duplicate	WT	G				2			2																			X		25041419-057

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	[signature]	5-1	1629	[signature]	5/1/25	1629	

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): 5-1-25				

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY

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

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

Ra226/228, only

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-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	G209 Duplicate	WT	G	5-1-25	959		2			2									X					X		X		X			25041419-058
2	G211 Duplicate	WT	G	5-1-25	1313		0																					X			N/A
3	G270 Duplicate	WT	G				2			2								X		X			X		X	X	X	X			25041419-059
4	G279 Duplicate	WT	G				2			2										X					X	X	X	X			25041419-060
5	G306 Duplicate	WT	G	~~5/1/25~~			2			2							X					X									25041419-061
6	G316 Duplicate	WT	G	5/1/25	0941		2			2							X					X									25041419-062
7	G411 Duplicate	WT	G				2			2																	X				25041419-063
8	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-064
9	Equipment Blank 2	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-065
10	Equipment Blank 3	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-066
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-25Q2 Rev 0		5-1	1620	Umar Qureshi	5/1/25	1620	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Peyton Toth

SIGNATURE of SAMPLER: Peyton Toth

DATE Signed (MM/DD/YY): 05/01/25

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

6.1 #5 Ice PH101358
Added HNO3 (103505) 1/2 G212 JD 5/2/25

25041419

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 7

Section A Required Client Information:

Company:	Vistra Corp-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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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)	Ra226/228, only: Project No./ Lab I.D.
1	G210	WT	G				0																				X			N/A
2	G211	WT	G				0																				X			N/A
3	G212	WT	G	5-2-25	926		2			2									X				X		X		X			25041419-012
4	G213	WT	G	5-2-25	1004		2			2									X				X		X		X			25041419-013
5	G214	WT	G				0																				X			N/A
6	G215	WT	G				2			2									X				X		X		X			25041419-014
7	G216	WT	G				0																				X			N/A
8	G217	WT	G				2			2									X				X		X		X			25041419-015
9	G218	WT	G				2			2									X				X		X		X			25041419-016
10	G270	WT	G				2			2								X		X			X		X	X	X			25041419-017
11	G271	WT	G				2			2										X					X	X				25041419-018
12	G272	WT	G				0																				X			N/A
13	G273	WT	G				2			2										X					X	X				25041419-019
14	G274	WT	G				0																				X			N/A
15	G275	WT	G				2			2										X					X	X				25041419-020
16	G275D	WT	G				2			2										X					X	X				25041419-021

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	JCG	5-2	1205		5/7/25	1205	

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: [signature] DATE Signed (MM/DD/YY): 5-2-25

25041419

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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)	Ra226/228, only: Project No./ Lab I.D.
1	G276	WT	G				2			2											X					X	X		X			25041419-022
2	G277	WT	G				2			2											X					X	X		X			25041419-023
3	G278	WT	G				0																						X			N/A
4	G279	WT	G				2			2											X					X	X	X	X			25041419-024
5	G280	WT	G				2			2									X		X			X		X	X	X	X			25041419-025
6	G281	WT	G	5-2-25	907		2			2							X	X					X	X				X				25041419-026
7	G283	WT	G				2			2											X					X	X					25041419-027
8	G284	WT	G				2			2											X					X	X					25041419-028
9	G285	WT	G				2			2											X					X	X					25041419-029
10	G301	WT	G				2			2								X					X									25041419-030
11	G302	WT	G				2			2								X					X									25041419-031
12	G303	WT	G				2			2								X					X									25041419-032
13	G305	WT	G				2			2								X					X									25041419-033
14	G306	WT	G				2			2								X					X									25041419-034
15	G307	WT	G				2			2								X					X									25041419-035
16	G307D	WT	G				2			2								X					X									25041419-036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-2	1205	Shawn Dillard	5/2/25	1205	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 5-2-25

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

25041419

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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)	Ra226/228, only: Project No./ Lab I.D.
1	G308	WT	G				2			2							X					X									25041419-037
2	G310	WT	G				2			2							X					X									25041419-038
3	G312	WT	G				2			2							X					X									25041419-039
4	G313	WT	G				2			2							X					X									25041419-040
5	G314	WT	G				2			2							X					X									25041419-041
6	G314D	WT	G				2			2							X					X									25041419-042
7	G315	WT	G				2			2							X					X									25041419-043
8	G316	WT	G				2			2							X					X									25041419-044
9	G401	WT	G				2			2								X					X				X				25041419-045
10	G402	WT	G				2			2								X					X				X				25041419-046
11	G403	WT	G	5-2-25	919		2			2								X					X				X				25041419-047
12	G404	WT	G	5-2-25	1004		2			2								X					X				X				25041419-048
13	G405	WT	G	5-2-25	955		2			2								X					X				X				25041419-049
14	G406	WT	G				2			2								X					X				X				25041419-050
15	G407	WT	G				2			2								X					X				X				25041419-051
16	G410	WT	G				2			2																	X				25041419-052

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Cole	5-2	1205	Amber Gilbert	5/14/25	1105	

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): 5-2-25

PH 101358
Added HNO3 (103505) 1/2 G279, 2/2 G303 SD 5/5/25

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

Ra226/228, only

Section D Required Client Information

Valid Matrix Codes

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	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-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	G122	WT	G				0														X									N/A
2	G123	WT	G	5-5-25	1309		0														X									N/A
3	G124	WT	G				0														X									N/A
4	G125	WT	G	5-5-25	1343		0														X									N/A
5	G126	WT	G				0														X									N/A
6	G151	WT	G				2			2																			X		25041419-003
7	G152	WT	G				2			2																			X		25041419-004
8	G153	WT	G				2			2																			X		25041419-005
9	G154	WT	G				2			2																	X		X		25041419-006
10	G155	WT	G				2			2																			X		25041419-007
11	G200	WT	G	5-5-25	1043		2			2									X					X		X		x			25041419-008
12	G206	WT	G				2			2									X					X		X		x			25041419-009
13	G206D	WT	G				2			2									X					X		X					25041419-010
14	G207	WT	G				0																					x			N/A
15	G208	WT	G				0																					x			N/A
16	G209	WT	G				2			2									X					X		X		X			25041419-011

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-25Q2 Rev 0	J. Cole	5-5	1620		5/5/25	16:20		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): 5-5-25

G279 Dup date/time per original G279 date/time. dm 5/5/25

83, 11.5, 13.5, 10.7, 11.3
ice LTA#5

25041419

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; Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G210	WT	G				0																				X			N/A
2	G211	WT	G				0																				X			N/A
3	G212	WT	G				2			2									X					X		X		X			25041419-012
4	G213	WT	G				2			2									X					X		X		X			25041419-013
5	G214	WT	G				0																					X			N/A
6	G215	WT	G				2			2									X					X		X		X			25041419-014
7	G216	WT	G				0																					X			N/A
8	G217	WT	G				2			2									X					X		X		X			25041419-015
9	G218	WT	G				2			2									X					X		X		X			25041419-016
10	G270	WT	G				2			2								X		X			X		X	X	X	X			25041419-017
11	G271	WT	G				2			2										X					X	X		X			25041419-018
12	G272	WT	G	5-5-25	1016		0																					X			N/A
13	G273	WT	G	5-5-25	1101		2			2										X					X	X		X			25041419-019
14	G274	WT	G				0																					X			N/A
15	G275	WT	G				2			2										X					X	X		X			25041419-020
16	G275D	WT	G				2			2										X					X	X					25041419-021

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-5	1620		5/5/25	16:20	

SAMPLE CONDITIONS: Y / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 5-5-25

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

25041419

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G276	WT	G				2			2									X					X	X		X			25041419-022
2	G277	WT	G	5-5-25	1217		2			2									X					X	X		X			25041419-023
3	G278	WT	G				0																				X			N/A
4	G279	WT	G	5-5-25	1310		2			2									X					X	X	X	X			25041419-024
5	G280	WT	G	5-5-25	1355		2			2								X		X			X			X	X	X	X			25041419-025
6	G281	WT	G				2			2							X	X				X	X				X				25041419-026
7	G283	WT	G				2			2										X					X	X					25041419-027
8	G284	WT	G				2			2										X					X	X					25041419-028
9	G285	WT	G				2			2										X					X	X					25041419-029
10	G301	WT	G				2			2							X					X									25041419-030
11	G302	WT	G				2			2							X					X									25041419-031
12	G303	WT	G	5-5-25	1439		2			2							X					X									25041419-032
13	G305	WT	G				2			2							X					X									25041419-033
14	G306	WT	G				2			2							X					X									25041419-034
15	G307	WT	G				2			2							X					X									25041419-035
16	G307D	WT	G				2			2							X					X									25041419-036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-25Q2 Rev 0	J. Colp	5-5	1620		5/5/25	16.20

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: Justin Colp DATE Signed (MM/DD/YY): 5-5-25

25041419

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 Coffeen, IL 62017	Copy To:	Sam Davies: samantha.davies@vistracorp.com Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com	Company Name:	Vistra Corp
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Address:	see Section A
Phone:	(217) 753-8911 Fax:	Project Name:		Quote Reference:	
Requested Due Date/TAT:	10 day	Project Number:	1940112376-003	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)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G411	WT	G	5-5-25	1427		2			2																	X					25041419-053
2	L202	WT	G				0														X										N/A
3	NE Riser	WT	G				0												X					X		X					N/A
4	R104	WT	G				0														X						X				N/A
5	R201	WT	G	5-5-25	1124		2			2									X					X		X	X				25041419-054
6	R205	WT	G				0																				X				N/A
7	SG-02	WT	G				0										X	X				X	X								N/A
8	SG-03	WT	G				0										X	X				X	X								N/A
9	T127	WT	G	5-5-25	1232		0														X										N/A
10	T128	WT	G				0														X										N/A
11	X201	WT	G				0													X					X	X					N/A
12	XSG-01	WT	G				0										X					X									N/A
13	Field Blank	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X			25041419-055
14	G1001 Duplicate	WT	G				2			2								X					X									25041419-056
15	G110 Duplicate	WT	G				0														X										N/A
16	G151 Duplicate	WT	G				2			2																			X			25041419-057

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-5	1620	Evoqua	5/5/25	16:20	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 5-5-25

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

25041419

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	Profile #:

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G209 Duplicate	DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	WT	G				2			2								X				X		X		X			25041419-058
2	G211 Duplicate		WT	G				0																				X			N/A
3	G270 Duplicate		WT	G				2			2								X		X			X	X	X	X	X			25041419-059
4	G279 Duplicate		WT	G	5-5-25	1310		2			2										X				X	X	X	X			25041419-060
5	G306 Duplicate		WT	G				2			2							X					X								25041419-061
6	G316 Duplicate		WT	G				2			2							X					X								25041419-062
7	G411 Duplicate		WT	G	5-5-25	1427		2			2																X				25041419-063
8	Equipment Blank 1		WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X			25041419-064
9	Equipment Blank 2		WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X			25041419-065
10	Equipment Blank 3		WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X			25041419-066
11																																
12																																
13																																
14																																
15																																
16																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-25Q2 Rev 0	J. Colp	5-5	1620		5/5/25	16:20				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp — DATE Signed (MM/DD/YY): 5-5-25

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

25041419

COF-845-104

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

Ra226/228, only

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-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	G210	WT	G				0																				X			N/A
2	G211	WT	G				0																				X			N/A
3	G212	WT	G				2			2									X					X		X		X			25041419-012
4	G213	WT	G				2			2									X					X		X		X			25041419-013
5	G214	WT	G	5-6-25	1136		0																				X			N/A
6	G215	WT	G				2			2									X					X		X		X			25041419-014
7	G216	WT	G				0																				X			N/A
8	G217	WT	G				2			2									X					X		X		X			25041419-015
9	G218	WT	G				2			2									X					X		X		X			25041419-016
10	G270	WT	G				2			2								X		X			X		X	X	X	X			25041419-017
11	G271	WT	G				2			2										X					X	X		X			25041419-018
12	G272	WT	G				0																				X			N/A
13	G273	WT	G				2			2										X					X	X		X			25041419-019
14	G274	WT	G				0																				X			N/A
15	G275	WT	G				2			2										X					X	X		X			25041419-020
16	G275D	WT	G				2			2										X					X	X					25041419-021

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-6	1630		5/6/25	16:30	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 5-6-2025

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

Added HNO_3 (1035O5) to G407. pH ✓ 101358. JM 5/7/25

3.5, 4.7, 5.9, 5.1 ice LTC

COF-445104

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY		
NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G276	WT	G				2			2										X					X	X		X			25041419-022
2	G277	WT	G				2			2										X					X	X		X			25041419-023
3	G278	WT	G	5-6-25 X			0																					X			N/A
4	G279	WT	G				2			2										X					X	X	X	X			25041419-024
5	G280	WT	G				2			2								X		X			X		X	X	X	X			25041419-025
6	G281	WT	G				2			2							X	X				X	X				X				25041419-026
7	G283	WT	G	5-6-25	1331		2			2										X					X	X					25041419-027
8	G284	WT	G	5-6-25	945		2			2										X					X	X					25041419-028
9	G285	WT	G				2			2										X					X	X					25041419-029
10	G301	WT	G	5-6-25	1307		2			2							X					X									25041419-030
11	G302	WT	G	5-6-25	1347		2			2							X					X									25041419-031
12	G303	WT	G				2			2							X					X									25041419-032
13	G305	WT	G	5-6-25	1235		2			2							X					X									25041419-033
14	G306	WT	G				2			2							X					X									25041419-034
15	G307	WT	G				2			2							X					X									25041419-035
16	G307D	WT	G				2			2							X					X									25041419-036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-6	1630		5/6/25	16.30	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 5-6-2025

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

25041419

COF-845-104

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	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	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	WT	G	5-6-25	1035		2			2							X					X									25041419-037
2	G310	WT	G	5-6-25	1224		2			2							X					X									25041419-038
3	G312	WT	G	5-6-25	1451		2			2							X					X									25041419-039
4	G313	WT	G	5-6-25	1414		2			2							X					X									25041419-040
5	G314	WT	G				2			2							X					X									25041419-041
6	G314D	WT	G				2			2							X					X									25041419-042
7	G315	WT	G				2			2							X					X									25041419-043
8	G316	WT	G				2			2							X					X									25041419-044
9	G401	WT	G	5-6-25	1458		2			2								X					X				X				25041419-045
10	G402	WT	G	5-6-25	1054		2			2								X					X				X				25041419-046
11	G403	WT	G				2			2								X					X				X				25041419-047
12	G404	WT	G				2			2								X					X				X				25041419-048
13	G405	WT	G				2			2								X					X				X				25041419-049
14	G406	WT	G	5-6-25	1146		2			2								X					X				X				25041419-050
15	G407	WT	G	5-6-25	914		2			2								X					X				X				25041419-051
16	G410	WT	G	5-6-25	1504		2			2																	X				25041419-052

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-25Q2 Rev 0		5-6	1630		5/6/25	16:30

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: Justin Culp

DATE Signed (MM/DD/YY): 5-6-25

COF-445104

25041419

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; Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N ↓ Analysis Test ↓	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	AP2D	WT	G				0											X					X							N/A
2	G1001	WT	G	5-7-25	1015		2			2								X					X							25041419-001
3	G1003	WT	G	5-7-25	DLY		2			2								X					X			X				25041419-002
4	G101	WT	G				0															X								N/A
5	G102	WT	G				0															X						X		N/A
6	G103	WT	G				0															X						X		N/A
7	G105	WT	G				0															X						X		N/A
8	G106	WT	G				0															X						X		N/A
9	G107	WT	G				0															X								N/A
10	G108	WT	G				0															X								N/A
11	G109	WT	G				0															X								N/A
12	G110	WT	G				0															X								N/A
13	G111	WT	G				0															X								N/A
14	G119	WT	G				0															X								N/A
15	G120	WT	G				0															X								N/A
16	G121	WT	G				0															X								N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-7	1400		5/7/25	1400	

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): 5-7-25

Added HNO3 (103505) to G2S5. pH ✓ 101358 dm 5/8/25

Temp 6.5, 6.3, 7.1, +6.1 LTC II3

25041419

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; Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G122	WT	G				0														X										N/A
2	G123	WT	G				0														X										N/A
3	G124	WT	G				0														X										N/A
4	G125	WT	G				0														X										N/A
5	G126	WT	G				0														X										N/A
6	G151	WT	G				2			2																			x		25041419-003
7	G152	WT	G	5-7-25	1159		2			2																			x		25041419-004
8	G153	WT	G				2			2																			x		25041419-005
9	G154	WT	G				2			2																	X		x		25041419-006
10	G155	WT	G				2			2																			x		25041419-007
11	G200	WT	G				2			2									X					X		X		x			25041419-008
12	G206	WT	G				2			2									X					X		X		x			25041419-009
13	G206D	WT	G				2			2									X					X		X					25041419-010
14	G207	WT	G				0																					x			N/A
15	G208	WT	G				0																					x			N/A
16	G209	WT	G				2			2									X					X		X		X			25041419-011

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-7	1409		5/7/25	1400	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-7-25

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

25041419

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; Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G210	WT	G				0																				X			N/A
2	G211	WT	G				0																				X			N/A
3	G212	WT	G				2			2									X					X		X		X			25041419-012
4	G213	WT	G				2			2									X					X		X		X			25041419-013
5	G214	WT	G				0																					X			N/A
6	G215	WT	G				2			2									X					X		X		X			25041419-014
7	G216	WT	G				0																					X			N/A
8	G217	WT	G				2			2									X					X		X		X			25041419-015
9	G218	WT	G				2			2									X					X		X		X			25041419-016
10	G270	WT	G	5-7-25	1022		2			2								X		X			X		X	X	X	X			25041419-017
11	G271	WT	G	5-7-25	950		2			2										X					X	X		X			25041419-018
12	G272	WT	G				0																					X			N/A
13	G273	WT	G				2			2										X					X	X		X			25041419-019
14	G274	WT	G				0																					X			N/A
15	G275	WT	G				2			2										X					X	X		X			25041419-020
16	G275D	WT	G				2			2										X					X	X					25041419-021

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-7	1400		5/7/25	1400	

	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): 5-7-2025

25041419

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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)	Ra226/228, only: Project No./ Lab I.D.
1	G276	WT	G				2			2										X					X	X		X			25041419-022
2	G277	WT	G				2			2										X					X	X		X			25041419-023
3	G278	WT	G	5-7-25	1111		0																					X			N/A
4	G279	WT	G				2			2										X					X	X	X	X			25041419-024
5	G280	WT	G				2			2								X		X			X		X	X	X	X			25041419-025
6	G281	WT	G				2			2							X	X				X	X				X				25041419-026
7	G283	WT	G				2			2										X					X	X					25041419-027
8	G284	WT	G				2			2										X					X	X					25041419-028
9	G285	WT	G	5-7-25	1115		2			2										X					X	X					25041419-029
10	G301	WT	G				2			2							X					X									25041419-030
11	G302	WT	G				2			2							X					X									25041419-031
12	G303	WT	G				2			2							X					X									25041419-032
13	G305	WT	G				2			2							X					X									25041419-033
14	G306	WT	G				2			2							X					X									25041419-034
15	G307	WT	G				2			2							X					X									25041419-035
16	G307D	WT	G				2			2							X					X									25041419-036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-7	1409		5/7/25	1400	

SAMPLER NAME AND SIGNATURE							
PRINT Name of SAMPLER:	Justin Colp						
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	5-7-25	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

COF_4451104

25041419

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	WT	G				2			2							X					X									25041419-037
2	G310	WT	G				2			2							X					X									25041419-038
3	G312	WT	G				2			2							X					X									25041419-039
4	G313	WT	G				2			2							X					X									25041419-040
5	G314	WT	G				2			2							X					X									25041419-041
6	G314D	WT	G				2			2							X					X									25041419-042
7	G315	WT	G	5/7/25	1237		2			2							X					X									25041419-043
8	G316	WT	G				2			2							X					X									25041419-044
9	G401	WT	G				2			2								X					X				X				25041419-045
10	G402	WT	G				2			2								X					X				X				25041419-046
11	G403	WT	G				2			2								X					X				X				25041419-047
12	G404	WT	G				2			2								X					X				X				25041419-048
13	G405	WT	G				2			2								X					X				X				25041419-049
14	G406	WT	G				2			2								X					X				X				25041419-050
15	G407	WT	G				2			2								X					X				X				25041419-051
16	G410	WT	G				2			2																	X				25041419-052

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-7	1400		5/7/25	1400	

SAMPLE CONDITIONS: Y | N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 5-7-25

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

25041419

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; Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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)	Ra226/228, only: Project No./ Lab I.D.
1	G411	WT	G				2			2																X				25041419-053
2	L202	WT	G				0														X									N/A
3	NE Riser	WT	G				0												X					X		X					N/A
4	R104	WT	G				0														X						X				N/A
5	R201	WT	G				2			2									X					X		X	X				25041419-054
6	R205	WT	G	5-7-25	1153		0																				X				N/A
7	SG-02	WT	G				0										X	X				X	X								N/A
8	SG-03	WT	G				0										X	X				X	X								N/A
9	T127	WT	G				0														X										N/A
10	T128	WT	G				0														X										N/A
11	X201	WT	G				0													X					X	X					N/A
12	XSG-01	WT	G				0										X					X									N/A
13	Field Blank	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-055
14	G1001 Duplicate	WT	G	5-7-25	1015		2			2								X					X								25041419-056
15	G110 Duplicate	WT	G				0														X										N/A
16	G151 Duplicate	WT	G				2			2																		X			25041419-057

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0		5-7	1400		5/7/25	1410	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-7-25

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

25041419

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	Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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: 1940112376-003	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	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G209 Duplicate	WT	G				2			2									X					X		X		X			25041419-058
2	G211 Duplicate	WT	G				0																					X			N/A
3	G270 Duplicate	WT	G	5-7-25	1022		2			2								X		X			X		X	X	X	X			25041419-059
4	G279 Duplicate	WT	G				2			2										X					X	X	X	X			25041419-060
5	G306 Duplicate	WT	G				2			2							X					X									25041419-061
6	G316 Duplicate	WT	G				2			2							X					X									25041419-062
7	G411 Duplicate	WT	G				2			2																	X				25041419-063
8	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-064
9	Equipment Blank 2	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-065
10	Equipment Blank 3	WT	G				2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-066
11																															
12																															
13																															
14																															
15																															
16																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	[signature]	5.7	1400	[signature]	5/7/25	1422	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-7-2025

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

25041419

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		Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@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:	1940112376-003	Profile #:	

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

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

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	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	G411	WT	G				2			2																X				25041419-053
2	L202	WT	G	5-8-2025	925		0														X									N/A
3	NE Riser	WT	G	5-8-25	943		0												X					X		X				N/A
4	R104	WT	G				0														X						X			N/A
5	R201	WT	G				2			2									X					X		X	X			25041419-054
6	R205	WT	G				0																				X			N/A
7	SG-02	WT	G				0										X	X				X	X							N/A
8	SG-03	WT	G				0										X	X				X	X							N/A
9	T127	WT	G				0														X									N/A
10	T128	WT	G				0														X									N/A
11	X201 Filter in lab	WT	G	5-8-25	956		0													X					X	X				N/A
12	XSG-01	WT	G				0										X					X								N/A
13	Field Blank	WT	G	5-8-25	920		2			2							X	X	X	X	X	X	X	X	X	X	X	X	X		25041419-055
14	G1001 Duplicate	WT	G				2			2								X					X							25041419-056
15	G110 Duplicate	WT	G				0														X									N/A
16	G151 Duplicate	WT	G				2			2																			X		25041419-057

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-8	1105		5/8/25	1105	3.4 (2) N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 5-8-2025

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

LT6 #9 PHV 101358 5/8

25041419

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 Rich Speraneo: Richard.Speraneo@vistracorp.com; Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	1940112376-003

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

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-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)	Ra226/228, only: Project No./ Lab I.D.
1	AP2D	WT	G	5-8-25	902		0											X					X								N/A
2	G1001	WT	G				2			2								X					X								25041419-001
3	G1003	WT	G				2			2								X					X			X					25041419-002
4	G101	WT	G				0															X									N/A
5	G102	WT	G				0															X						X			N/A
6	G103	WT	G				0															X						X			N/A
7	G105	WT	G				0															X						X			N/A
8	G106	WT	G				0															X						X			N/A
9	G107	WT	G				0															X						X			N/A
10	G108	WT	G				0															X									N/A
11	G109	WT	G				0															X									N/A
12	G110	WT	G				0															X									N/A
13	G111	WT	G				0															X									N/A
14	G119	WT	G				0															X									N/A
15	G120	WT	G				0															X									N/A
16	G121	WT	G				0															X									N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-25Q2 Rev 0	J. Colp	5-8	1105		5/8/25	1105	

SAMPLE CONDITIONS: Y | N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 5-8-2025

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Elizabeth A Hurley
TekLab, Inc
5445 Horseshoe Lake Road
Collinsville, Illinois 62234

Generated 6/9/2025 5:19:44 PM

JOB DESCRIPTION

Radium-226 and Radium-228
25041419

JOB NUMBER

160-58029-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

my EOL

Eurofins St. Louis

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



Generated
6/9/2025 5:19:44 PM

Authorized for release by
Erika Smith, Project Manager
erika.smith@et.eurofinsus.com
(314)298-8566

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CASE NARRATIVE

Client: TekLab, Inc

Project: 25041419

Report Number: 160-58029-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

No additional analytical or quality issues were noted, other than those described below or in the Definitions/ Glossary page.

Receipt
The samples were received on 5/9/2025 11:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 6 coolers at receipt time were 17.7°C, 17.8°C, 17.9°C, 18.3°C, 18.4°C and 18.7°C.

Receipt Exceptions
The client sent a follow-up email requesting an update to the collection time of sample 25041419-013; from 1004 to 1002. The email is included in the final report for documentation purposes.

Method 903.0 - Radium-226 (GFPC)
Samples 25041419-001 (160-58029-1), 25041419-003 (160-58029-2), 25041419-004 (160-58029-3), 25041419-005 (160-58029-4), 25041419-006 (160-58029-5), 25041419-007 (160-58029-6), 25041419-008 (160-58029-7), 25041419-009 (160-58029-8), 25041419-010 (160-58029-9), 25041419-011 (160-58029-10), 25041419-012 (160-58029-11), 25041419-013 (160-58029-12), 25041419-014 (160-58029-13), 25041419-015 (160-58029-14), 25041419-016 (160-58029-15), 25041419-017 (160-58029-16), 25041419-018 (160-58029-17), 25041419-019 (160-58029-18), 25041419-020 (160-58029-19), 25041419-021 (160-58029-20), 25041419-022 (160-58029-21), 25041419-023 (160-58029-22), 25041419-024 (160-58029-23), 25041419-025 (160-58029-24), 25041419-026 (160-58029-25), 25041419-027 (160-58029-26), 25041419-028 (160-58029-27), 25041419-029 (160-58029-28), 25041419-030 (160-58029-29), 25041419-031 (160-58029-30), 25041419-032 (160-58029-31), 25041419-033 (160-58029-32), 25041419-034 (160-58029-33), 25041419-035 (160-58029-34), 25041419-036 (160-58029-35), 25041419-037 (160-58029-36), 25041419-038 (160-58029-37), 25041419-039 (160-58029-38), 25041419-040 (160-58029-39), 25041419-041 (160-58029-40), 25041419-042 (160-58029-41), 25041419-043 (160-58029-42), 25041419-044 (160-58029-43), 25041419-045 (160-58029-44), 25041419-046 (160-58029-45), 25041419-047 (160-58029-46), 25041419-048 (160-58029-47), 25041419-049

Case Narrative

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-58029-1

Job ID: 160-58029-1 (Continued) Eurofins St. Louis

(160-58029-48), 25041419-050 (160-58029-49), 25041419-051 (160-58029-50), 25041419-052 (160-58029-51), 25041419-053 (160-58029-52), 25041419-054 (160-58029-53), 25041419-055 (160-58029-54), 25041419-056 (160-58029-55), 25041419-057 (160-58029-56), 25041419-058 (160-58029-57), 25041419-059 (160-58029-58), 25041419-060 (160-58029-59), 25041419-061 (160-58029-60), 25041419-062 (160-58029-61) and 25041419-063 (160-58029-62) were analyzed for Radium-226 (GFPC). The samples were prepared on 5/13/2025 and analyzed on 6/5/2025, 6/6/2025 and 6/8/2025.

Method 904.0 - Radium-228 (GFPC)
Samples 25041419-001 (160-58029-1), 25041419-003 (160-58029-2), 25041419-004 (160-58029-3), 25041419-005 (160-58029-4), 25041419-006 (160-58029-5), 25041419-007 (160-58029-6), 25041419-008 (160-58029-7), 25041419-009 (160-58029-8), 25041419-010 (160-58029-9), 25041419-011 (160-58029-10), 25041419-012 (160-58029-11), 25041419-013 (160-58029-12), 25041419-014 (160-58029-13), 25041419-015 (160-58029-14), 25041419-016 (160-58029-15), 25041419-017 (160-58029-16), 25041419-018 (160-58029-17), 25041419-019 (160-58029-18), 25041419-020 (160-58029-19), 25041419-021 (160-58029-20), 25041419-022 (160-58029-21), 25041419-023 (160-58029-22), 25041419-024 (160-58029-23), 25041419-025 (160-58029-24), 25041419-026 (160-58029-25), 25041419-027 (160-58029-26), 25041419-028 (160-58029-27), 25041419-029 (160-58029-28), 25041419-030 (160-58029-29), 25041419-031 (160-58029-30), 25041419-032 (160-58029-31), 25041419-033 (160-58029-32), 25041419-034 (160-58029-33), 25041419-035 (160-58029-34), 25041419-036 (160-58029-35), 25041419-037 (160-58029-36), 25041419-038 (160-58029-37), 25041419-039 (160-58029-38), 25041419-040 (160-58029-39), 25041419-041 (160-58029-40), 25041419-042 (160-58029-41), 25041419-043 (160-58029-42), 25041419-044 (160-58029-43), 25041419-045 (160-58029-44), 25041419-046 (160-58029-45), 25041419-047 (160-58029-46), 25041419-048 (160-58029-47), 25041419-049 (160-58029-48), 25041419-050 (160-58029-49), 25041419-051 (160-58029-50), 25041419-052 (160-58029-51), 25041419-053 (160-58029-52), 25041419-054 (160-58029-53), 25041419-055 (160-58029-54), 25041419-056 (160-58029-55), 25041419-057 (160-58029-56), 25041419-058 (160-58029-57), 25041419-059 (160-58029-58), 25041419-060 (160-58029-59), 25041419-061 (160-58029-60), 25041419-062 (160-58029-61) and 25041419-063 (160-58029-62) were analyzed for Radium-228 (GFPC). The samples were prepared on 5/13/2025 and analyzed on 6/5/2025 and 6/6/2025.

Batch 160-717197
The detection goal was not met for the following sample due to the reduced sample volume in prep attributed to the presence of matrix interferences: 25041419-006 (160-58029-5). Analytical results are reported with the detection limit achieved.

Batch 160-7172001
The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. 25041419-031 (160-58029-30) and 25041419-034 (160-58029-33)

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228
Samples 25041419-001 (160-58029-1), 25041419-006 (160-58029-5), 25041419-008 (160-58029-7), 25041419-009 (160-58029-8), 25041419-010 (160-58029-9), 25041419-011 (160-58029-10), 25041419-012 (160-58029-11), 25041419-013 (160-58029-12), 25041419-014 (160-58029-13), 25041419-015 (160-58029-14), 25041419-016 (160-58029-15), 25041419-017 (160-58029-16), 25041419-018 (160-58029-17), 25041419-019 (160-58029-18), 25041419-020 (160-58029-19), 25041419-021 (160-58029-20), 25041419-022 (160-58029-21), 25041419-023 (160-58029-22), 25041419-024 (160-58029-23), 25041419-025 (160-58029-24), 25041419-026 (160-58029-25), 25041419-027 (160-58029-26), 25041419-028 (160-58029-27), 25041419-029 (160-58029-28), 25041419-030 (160-58029-29), 25041419-031 (160-58029-30), 25041419-032 (160-58029-31), 25041419-033 (160-58029-32), 25041419-034 (160-58029-33), 25041419-035 (160-58029-34), 25041419-036 (160-58029-35), 25041419-037 (160-58029-36), 25041419-038 (160-58029-37), 25041419-039 (160-58029-38), 25041419-040 (160-58029-39), 25041419-041 (160-58029-40), 25041419-042 (160-58029-41), 25041419-043 (160-58029-42), 25041419-044 (160-58029-43), 25041419-045 (160-58029-44), 25041419-046 (160-58029-45), 25041419-047 (160-58029-46), 25041419-048 (160-58029-47), 25041419-049 (160-58029-48), 25041419-050 (160-58029-49), 25041419-051 (160-58029-50), 25041419-052 (160-58029-51), 25041419-053 (160-58029-52), 25041419-054 (160-58029-53), 25041419-055 (160-58029-54), 25041419-056 (160-58029-55), 25041419-058 (160-58029-57), 25041419-059 (160-58029-58), 25041419-060 (160-58029-59), 25041419-061 (160-58029-60), 25041419-062 (160-58029-61) and 25041419-063 (160-58029-62) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 6/6/2025 and 6/9/2025.

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

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

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
Method changes require Teklab authorization. Samples collected from an IL site.
Batch QC is required for all analyses requested. Vistra-EDD and Ramboll EQuIS requested.

Project# 25041419

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standard TAT | Billing/PO: 38425 | Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

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

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228
	25041419-001	5/7/25 1015	HNO3	Groundwater	✔		
	25041419-002	5/7/25 Dry	HNO3	Groundwater	✔		
	25041419-003	4/29/25 0949	HNO3	Groundwater		✔	✔
	25041419-004	5/7/25 1159	HNO3	Groundwater		✔	✔
	25041419-005	4/29/25 1215	HNO3	Groundwater		✔	✔
	25041419-006	4/29/25 1128	HNO3	Groundwater	✔	✔	✔
	25041419-007	4/29/25 1041	HNO3	Groundwater		✔	✔
	25041419-008	5/5/25 1043	HNO3	Groundwater	✔		
	25041419-009	4/30/25 1131	HNO3	Groundwater	✔		
	25041419-010	4/30/25 1037	HNO3	Groundwater	✔		
	25041419-011	5/1/25 0959	HNO3	Groundwater	✔		

160-58029 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
	5/9/25 1150	M. Pinette Meadow Pinette	5/9/25 1150

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

SubCocRevA
3/2/2016

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

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

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
Method changes require Teklab authorization. Samples collected from an IL site.
Batch QC is required for all analyses requested. Vistra-EDD and Ramboll EQuIS requested.

Project# 25041419

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standard TAT | Billing/PO: 38425
Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

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

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228									
	25041419-012	5/2/25 0926	HNO3	Groundwater	✔											
	25041419-013	5/2/25 1004	HNO3	Groundwater	✔											
	25041419-014	5/1/25 1410	HNO3	Groundwater	✔											
	25041419-015	5/1/25 1257	HNO3	Groundwater	✔											
	25041419-016	5/1/25 1220	HNO3	Groundwater	✔											
	25041419-017	5/7/25 1022	HNO3	Groundwater	✔											
	25041419-018	5/7/25 0950	HNO3	Groundwater	✔											
	25041419-019	5/5/25 1101	HNO3	Groundwater	✔											
	25041419-020	4/29/25 1201	HNO3	Groundwater	✔											
	25041419-021	4/29/25 1043	HNO3	Groundwater	✔											
	25041419-022	4/29/25 1312	HNO3	Groundwater	✔											

*Relinquished By	Date/Time	Received By	Date/Time
Unian Glass	5/9/25 1150	M. Pinette	5/9/25 1150
		Meadow Pinette	

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

SubCocRevA
3/2/2016

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

6/9/2025

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

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

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
Method changes require Teklab authorization. Samples collected from an IL site.
Batch QC is required for all analyses requested. Vistra-EDD and Ramboll EQuIS requested.

Project# 25041419

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standard TAT | Billing/PO: 38425 | Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228									
	25041419-023	5/5/25 1217	HNO3	Groundwater	✔											
	25041419-024	5/5/25 1310	HNO3	Groundwater	✔											
	25041419-025	5/5/25 1355	HNO3	Groundwater	✔											
	25041419-026	5/2/25 0907	HNO3	Groundwater	✔											
	25041419-027	5/6/25 1331	HNO3	Groundwater	✔											
	25041419-028	5/6/25 0945	HNO3	Groundwater	✔											
	25041419-029	5/7/25 1115	HNO3	Groundwater	✔											
	25041419-030	5/6/25 1307	HNO3	Groundwater	✔											
	25041419-031	5/6/25 1347	HNO3	Groundwater	✔											
	25041419-032	5/5/25 1439	HNO3	Groundwater	✔											
	25041419-033	5/6/25 1235	HNO3	Groundwater	✔											

*Relinquished By	Date/Time	Received By	Date/Time
Meadow Pinette	5/9/25 1450	M. Pinette Meadow Pinette	5/9/25 1450

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SubCocRevA
3/2/2016

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

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

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
Method changes require Teklab authorization. Samples collected from an IL site.
Batch QC is required for all analyses requested. Vistra-EDD and Ramboll EQuIS requested.

Project# 25041419

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standard TAT | Billing/PO: 38425 | Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228										
	25041419-034	4/30/25 1018	HNO3	Groundwater	✔												
	25041419-035	4/30/25 1217	HNO3	Groundwater	✔												
	25041419-036	4/30/25 1128	HNO3	Groundwater	✔												
	25041419-037	5/6/25 1035	HNO3	Groundwater	✔												
	25041419-038	5/6/25 1224	HNO3	Groundwater	✔												
	25041419-039	5/6/25 1451	HNO3	Groundwater	✔												
	25041419-040	5/6/25 1414	HNO3	Groundwater	✔												
	25041419-041	5/1/25 1105	HNO3	Groundwater	✔												
	25041419-042	5/1/25 1028	HNO3	Groundwater	✔												
	25041419-043	5/7/25 1237	HNO3	Groundwater	✔												
	25041419-044	5/1/25 0941	HNO3	Groundwater	✔												

*Relinquished By	Date/Time	Received By	Date/Time
Roman Gilmore	5/9/25 1000	M. Pinette	5/9/25 1150
	5/9/25 1150	~~Meadow Pinette~~	

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SubCocRevA
3/2/2016

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Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228									
	25041419-045	5/6/25 1458	HNO3	Groundwater	✔											
	25041419-046	5/6/25 1054	HNO3	Groundwater	✔											
	25041419-047	5/2/25 0919	HNO3	Groundwater	✔											
	25041419-048	5/2/25 1004	HNO3	Groundwater	✔											
	25041419-049	5/2/25 0955	HNO3	Groundwater	✔											
	25041419-050	5/6/25 1146	HNO3	Groundwater	✔											
	25041419-051	5/6/25 0914	HNO3	Groundwater	✔											
	25041419-052	5/6/25 1004	HNO3	Groundwater	✔											
	25041419-053	5/5/25 1427	HNO3	Groundwater	✔											
	25041419-054	5/5/25 1124	HNO3	Groundwater	✔											
	25041419-055	5/8/25 0920	HNO3	Aqueous	✔	✔	✔									

*Relinquished By	Date/Time	Received By	Date/Time
	5/9/25 1150	M. Pinette Meadow Pinette	5/9/25 1150

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Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

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

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Project# 25041419

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Requested Due Date: Standard TAT | Billing/PO: 38425 | Phone: (618) 344-1004 ext. 33

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228
	25041419-056	5/7/25 1015	HNO3	Groundwater	✔		
	25041419-057	4/29/25 0949	HNO3	Groundwater		✔	✔
	25041419-058	5/1/25 0959	HNO3	Groundwater	✔		
	25041419-059	5/7/25 1022	HNO3	Groundwater	✔		
	25041419-060	5/5/25 1310	HNO3	Groundwater	✔		
	25041419-061	4/30/25 1018	HNO3	Groundwater	✔		
	25041419-062	5/1/25 0941	HNO3	Groundwater	✔		
	25041419-063	5/5/25 1427	HNO3	Groundwater	✔		
			HNO3	Aqueous			
			HNO3	Aqueous			
			HNO3	Aqueous			

*Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/9/25 1150	M. Pinette	5/9/25 1150
		Meadow Pinette	

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SubCocRevA
3/2/2016

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Erika Smith

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Monday, May 19, 2025 3:49 PM
To: Erika Smith
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-58029-1 Radium-226 and Radium-228

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi, Erika,

There was a transcription error on the COC from the field that was transferred to the subcontracting COC. Will you please update 25041419-013 collection time from 1004 to 1002?

Thanks for your assistance.

Have a great day!

Elizabeth Hurley
Director of Customer Service



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

Confidentiality Notice: The information contained in this message is intended only for the use of the addressee, and may be confidential and/or privileged. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

From: Erika Smith <TALS@reports.et.eurofinsus.com>
Sent: Friday, May 9, 2025 6:55 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Subject: Eurofins TestAmerica sample confirmation files from 160-58029-1 Radium-226 and Radium-228

Good evening!

Attached please find the sample confirmation files for job 160-58029-1; Radium-226 and Radium-228

The samples were received on 5/9/2025 11:50 AM.

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me if you have any questions.

Thank you and have nice weekend!

Erika L Smith
Project Manager

Eurofins St. Louis

E-mail: erika.smith@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [160-331851]
Attachments: 1

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

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-58029-1
SDG Number: 25041419

Login Number: 58029
List Number: 1
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Definitions/Glossary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Method	Method Description	Protocol	Laboratory
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Ra226_Ra228 Pos	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-58029-1	25041419-001	Water	05/07/25 10:15	05/09/25 11:50
160-58029-2	25041419-003	Water	04/29/25 09:49	05/09/25 11:50
160-58029-3	25041419-004	Water	05/07/25 11:59	05/09/25 11:50
160-58029-4	25041419-005	Water	04/29/25 12:15	05/09/25 11:50
160-58029-5	25041419-006	Water	04/29/25 11:28	05/09/25 11:50
160-58029-6	25041419-007	Water	04/29/25 10:41	05/09/25 11:50
160-58029-7	25041419-008	Water	05/05/25 10:43	05/09/25 11:50
160-58029-8	25041419-009	Water	04/30/25 11:31	05/09/25 11:50
160-58029-9	25041419-010	Water	04/30/25 10:37	05/09/25 11:50
160-58029-10	25041419-011	Water	05/01/25 09:59	05/09/25 11:50
160-58029-11	25041419-012	Water	05/02/25 09:26	05/09/25 11:50
160-58029-12	25041419-013	Water	05/02/25 10:02	05/09/25 11:50
160-58029-13	25041419-014	Water	05/01/25 14:10	05/09/25 11:50
160-58029-14	25041419-015	Water	05/01/25 12:57	05/09/25 11:50
160-58029-15	25041419-016	Water	05/01/25 12:20	05/09/25 11:50
160-58029-16	25041419-017	Water	05/07/25 10:22	05/09/25 11:50
160-58029-17	25041419-018	Water	05/07/25 09:50	05/09/25 11:50
160-58029-18	25041419-019	Water	05/05/25 11:01	05/09/25 11:50
160-58029-19	25041419-020	Water	04/29/25 12:01	05/09/25 11:50
160-58029-20	25041419-021	Water	04/29/25 10:43	05/09/25 11:50
160-58029-21	25041419-022	Water	04/29/25 13:12	05/09/25 11:50
160-58029-22	25041419-023	Water	05/05/25 12:17	05/09/25 11:50
160-58029-23	25041419-024	Water	05/05/25 13:10	05/09/25 11:50
160-58029-24	25041419-025	Water	05/05/25 13:55	05/09/25 11:50
160-58029-25	25041419-026	Water	05/02/25 09:07	05/09/25 11:50
160-58029-26	25041419-027	Water	05/06/25 13:31	05/09/25 11:50
160-58029-27	25041419-028	Water	05/06/25 09:45	05/09/25 11:50
160-58029-28	25041419-029	Water	05/07/25 11:15	05/09/25 11:50
160-58029-29	25041419-030	Water	05/06/25 13:07	05/09/25 11:50
160-58029-30	25041419-031	Water	05/06/25 13:47	05/09/25 11:50
160-58029-31	25041419-032	Water	05/05/25 14:39	05/09/25 11:50
160-58029-32	25041419-033	Water	05/06/25 12:35	05/09/25 11:50
160-58029-33	25041419-034	Water	04/30/25 10:18	05/09/25 11:50
160-58029-34	25041419-035	Water	04/30/25 12:17	05/09/25 11:50
160-58029-35	25041419-036	Water	04/30/25 11:28	05/09/25 11:50
160-58029-36	25041419-037	Water	05/06/25 10:35	05/09/25 11:50
160-58029-37	25041419-038	Water	05/06/25 12:24	05/09/25 11:50
160-58029-38	25041419-039	Water	05/06/25 14:51	05/09/25 11:50
160-58029-39	25041419-040	Water	05/06/25 14:14	05/09/25 11:50
160-58029-40	25041419-041	Water	05/01/25 11:05	05/09/25 11:50
160-58029-41	25041419-042	Water	05/01/25 10:28	05/09/25 11:50
160-58029-42	25041419-043	Water	05/07/25 12:37	05/09/25 11:50
160-58029-43	25041419-044	Water	05/01/25 09:41	05/09/25 11:50
160-58029-44	25041419-045	Water	05/06/25 14:58	05/09/25 11:50
160-58029-45	25041419-046	Water	05/06/25 10:54	05/09/25 11:50
160-58029-46	25041419-047	Water	05/02/25 09:19	05/09/25 11:50
160-58029-47	25041419-048	Water	05/02/25 10:04	05/09/25 11:50
160-58029-48	25041419-049	Water	05/02/25 09:55	05/09/25 11:50
160-58029-49	25041419-050	Water	05/06/25 11:46	05/09/25 11:50
160-58029-50	25041419-051	Water	05/06/25 09:14	05/09/25 11:50
160-58029-51	25041419-052	Water	05/06/25 10:04	05/09/25 11:50
160-58029-52	25041419-053	Water	05/05/25 14:27	05/09/25 11:50
160-58029-53	25041419-054	Water	05/05/25 11:24	05/09/25 11:50
160-58029-54	25041419-055	Water	05/08/25 09:20	05/09/25 11:50

Sample Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-58029-55	25041419-056	Water	05/07/25 10:15	05/09/25 11:50
160-58029-56	25041419-057	Water	04/29/25 09:49	05/09/25 11:50
160-58029-57	25041419-058	Water	05/01/25 09:59	05/09/25 11:50
160-58029-58	25041419-059	Water	05/07/25 10:22	05/09/25 11:50
160-58029-59	25041419-060	Water	05/05/25 13:10	05/09/25 11:50
160-58029-60	25041419-061	Water	04/30/25 10:18	05/09/25 11:50
160-58029-61	25041419-062	Water	05/01/25 09:41	05/09/25 11:50
160-58029-62	25041419-063	Water	05/05/25 14:27	05/09/25 11:50

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-001
Date Collected: 05/07/25 10:15
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-1
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0832	U	0.170	0.170	1.00	0.307	pCi/L	05/13/25 07:21	06/05/25 21:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*05/13/25 07:21*	*06/05/25 21:18*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.557	U	0.411	0.414	1.00	0.625	pCi/L	05/13/25 07:25	06/05/25 14:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*05/13/25 07:25*	*06/05/25 14:34*	*1*
Y Carrier	*80.4*		*30 - 110*	*05/13/25 07:25*	*06/05/25 14:34*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.640**		0.445	0.448	5.00	0.625	pCi/L		06/06/25 15:48	1

Client Sample ID: 25041419-003
Date Collected: 04/29/25 09:49
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-2
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.117	U	0.166	0.167	1.00	0.283	pCi/L	05/13/25 07:21	06/05/25 21:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*30 - 110*	*05/13/25 07:21*	*06/05/25 21:19*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.374	U	0.361	0.363	1.00	0.578	pCi/L	05/13/25 07:25	06/05/25 14:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*30 - 110*	*05/13/25 07:25*	*06/05/25 14:34*	*1*
Y Carrier	*83.0*		*30 - 110*	*05/13/25 07:25*	*06/05/25 14:34*	*1*

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-004
Date Collected: 05/07/25 11:59
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-3
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.330		0.224	0.226	1.00	0.310	pCi/L	05/13/25 07:24	06/05/25 21:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*05/13/25 07:24*	*06/05/25 21:19*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0697	U	0.303	0.303	1.00	0.550	pCi/L	05/13/25 07:25	06/05/25 14:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*05/13/25 07:25*	*06/05/25 14:34*	*1*
Y Carrier	*86.7*		*30 - 110*	*05/13/25 07:25*	*06/05/25 14:34*	*1*

Client Sample ID: 25041419-005
Date Collected: 04/29/25 12:15
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-4
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0838	U	0.154	0.154	1.00	0.276	pCi/L	05/13/25 07:17	06/05/25 21:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.146	U	0.398	0.399	1.00	0.702	pCi/L	05/13/25 07:20	06/05/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:51*	*1*
Y Carrier	*77.8*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:51*	*1*

Client Sample ID: 25041419-006
Date Collected: 04/29/25 11:28
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-5
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0490	U	0.294	0.294	1.00	0.592	pCi/L	05/13/25 07:17	06/05/25 21:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.8*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:22*	*1*

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-006
Date Collected: 04/29/25 11:28
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-5
Matrix: Water

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.312	U G	0.737	0.737	1.00	1.29	pCi/L	05/13/25 07:20	06/05/25 11:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.8*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:33*	*1*
Y Carrier	*80.0*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:33*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.361	U	0.793	0.793	5.00	1.29	pCi/L		06/06/25 15:49	1

Client Sample ID: 25041419-007
Date Collected: 04/29/25 10:41
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-6
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.130	U	0.174	0.174	1.00	0.292	pCi/L	05/13/25 07:17	06/05/25 21:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.1*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0197	U	0.413	0.413	1.00	0.759	pCi/L	05/13/25 07:20	06/05/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.1*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:51*	*1*
Y Carrier	*85.2*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:51*	*1*

Client Sample ID: 25041419-008
Date Collected: 05/05/25 10:43
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-7
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.248	U	0.204	0.205	1.00	0.297	pCi/L	05/13/25 07:17	06/05/25 21:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.8*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:50*	*1*

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-008
Date Collected: 05/05/25 10:43
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-7
Matrix: Water

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.103	U	0.413	0.413	1.00	0.783	pCi/L	05/13/25 07:20	06/05/25 11:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.8*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:50*	*1*
Y Carrier	*80.7*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:50*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.248	U	0.461	0.461	5.00	0.783	pCi/L		06/06/25 15:49	1

Client Sample ID: 25041419-009
Date Collected: 04/30/25 11:31
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-8
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0723	U	0.206	0.206	1.00	0.381	pCi/L	05/13/25 07:17	06/05/25 21:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.1*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:50*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.735	U	0.543	0.547	1.00	0.841	pCi/L	05/13/25 07:20	06/05/25 11:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.1*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:50*	*1*
Y Carrier	*80.7*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:50*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.808	U	0.581	0.585	5.00	0.841	pCi/L		06/06/25 15:49	1

Client Sample ID: 25041419-010
Date Collected: 04/30/25 10:37
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-9
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.186	U	0.216	0.216	1.00	0.352	pCi/L	05/13/25 07:17	06/05/25 21:50	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-010
Date Collected: 04/30/25 10:37
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-9
Matrix: Water

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	86.8		30 - 110	05/13/25 07:17	06/05/25 21:50	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.444	U	0.389	0.391	1.00	0.613	pCi/L	05/13/25 07:20	06/05/25 11:51	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	86.8		30 - 110	05/13/25 07:20	06/05/25 11:51	1
Y Carrier	83.7		30 - 110	05/13/25 07:20	06/05/25 11:51	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.629**		0.445	0.447	5.00	0.613	pCi/L		06/06/25 15:49	1

Client Sample ID: 25041419-011
Date Collected: 05/01/25 09:59
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-10
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0310	U	0.153	0.153	1.00	0.303	pCi/L	05/13/25 07:17	06/05/25 21:51	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	83.1		30 - 110	05/13/25 07:17	06/05/25 21:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.410	U	0.402	0.404	1.00	0.645	pCi/L	05/13/25 07:20	06/05/25 11:51	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	83.1		30 - 110	05/13/25 07:20	06/05/25 11:51	1
Y Carrier	79.6		30 - 110	05/13/25 07:20	06/05/25 11:51	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.441	U	0.430	0.432	5.00	0.645	pCi/L		06/06/25 15:49	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-012
Date Collected: 05/02/25 09:26
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-11
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0968	U	0.164	0.164	1.00	0.289	pCi/L	05/13/25 07:17	06/05/25 21:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0190	U	0.418	0.418	1.00	0.765	pCi/L	05/13/25 07:20	06/05/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:51*	*1*
Y Carrier	*78.1*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:51*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.116	U	0.449	0.449	5.00	0.765	pCi/L		06/06/25 15:49	1

Client Sample ID: 25041419-013
Date Collected: 05/02/25 10:02
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-12
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.118	U	0.156	0.156	1.00	0.261	pCi/L	05/13/25 07:17	06/05/25 21:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.240	U	0.338	0.338	1.00	0.568	pCi/L	05/13/25 07:20	06/05/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:51*	*1*
Y Carrier	*86.0*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:51*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.358	U	0.372	0.372	5.00	0.568	pCi/L		06/06/25 15:49	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-014
Date Collected: 05/01/25 14:10
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-13
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.170	U	0.236	0.237	1.00	0.398	pCi/L	05/13/25 07:17	06/05/25 21:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.658**		0.387	0.392	1.00	0.561	pCi/L	05/13/25 07:20	06/05/25 11:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:50*	*1*
Y Carrier	*83.4*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:50*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.829**		0.453	0.458	5.00	0.561	pCi/L		06/06/25 15:49	1

Client Sample ID: 25041419-015
Date Collected: 05/01/25 12:57
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-14
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0680	U	0.102	0.103	1.00	0.265	pCi/L	05/13/25 07:17	06/05/25 21:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.8*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.326	U	0.394	0.395	1.00	0.651	pCi/L	05/13/25 07:20	06/05/25 11:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.8*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:50*	*1*
Y Carrier	*85.6*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:50*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.326	U	0.407	0.408	5.00	0.651	pCi/L		06/06/25 15:49	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-016
Date Collected: 05/01/25 12:20
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-15
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.131	U	0.168	0.169	1.00	0.279	pCi/L	05/13/25 07:17	06/05/25 21:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.1*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0995	U	0.317	0.317	1.00	0.567	pCi/L	05/13/25 07:20	06/05/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.1*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:52*	*1*
Y Carrier	*83.7*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.231	U	0.359	0.359	5.00	0.567	pCi/L		06/06/25 15:49	1

Client Sample ID: 25041419-017
Date Collected: 05/07/25 10:22
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-16
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0467	U	0.167	0.167	1.00	0.320	pCi/L	05/13/25 07:17	06/05/25 21:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.3*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.335	U	0.324	0.325	1.00	0.516	pCi/L	05/13/25 07:20	06/05/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.3*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:52*	*1*
Y Carrier	*87.9*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.382	U	0.365	0.365	5.00	0.516	pCi/L		06/06/25 15:49	1

Client Sample ID: 25041419-018
Date Collected: 05/07/25 09:50
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-17
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0966	U	0.237	0.238	1.00	0.426	pCi/L	05/13/25 07:17	06/05/25 21:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0429	U	0.312	0.312	1.00	0.573	pCi/L	05/13/25 07:20	06/05/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:52*	*1*
Y Carrier	*82.2*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.139	U	0.392	0.392	5.00	0.573	pCi/L		06/06/25 15:49	1

Client Sample ID: 25041419-019
Date Collected: 05/05/25 11:01
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-18
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0811	U	0.241	0.242	1.00	0.440	pCi/L	05/13/25 07:17	06/05/25 21:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.484	U	0.344	0.346	1.00	0.517	pCi/L	05/13/25 07:20	06/05/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:52*	*1*
Y Carrier	*87.9*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.565**		0.420	0.422	5.00	0.517	pCi/L		06/06/25 15:49	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-020
Date Collected: 04/29/25 12:01
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-19
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00404	U	0.175	0.175	1.00	0.346	pCi/L	05/13/25 07:17	06/05/25 21:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0119	U	0.341	0.341	1.00	0.630	pCi/L	05/13/25 07:20	06/05/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:52*	*1*
Y Carrier	*79.6*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0159	U	0.383	0.383	5.00	0.630	pCi/L		06/06/25 15:49	1

Client Sample ID: 25041419-021
Date Collected: 04/29/25 10:43
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-20
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.505	U	0.364	0.366	1.00	0.526	pCi/L	05/13/25 07:17	06/05/25 21:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.6*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.195	U	0.564	0.564	1.00	0.995	pCi/L	05/13/25 07:20	06/05/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.6*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:53*	*1*
Y Carrier	*83.0*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.700	U	0.671	0.672	5.00	0.995	pCi/L		06/06/25 15:50	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-022
Date Collected: 04/29/25 13:12
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-21
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0611	U	0.142	0.142	1.00	0.262	pCi/L	05/13/25 07:17	06/05/25 21:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.274	U	0.305	0.306	1.00	0.498	pCi/L	05/13/25 07:20	06/05/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:53*	*1*
Y Carrier	*87.5*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.335	U	0.336	0.337	5.00	0.498	pCi/L		06/06/25 15:50	1

Client Sample ID: 25041419-023
Date Collected: 05/05/25 12:17
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-22
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.210	U	0.228	0.229	1.00	0.367	pCi/L	05/13/25 07:17	06/05/25 21:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.352	U	0.343	0.345	1.00	0.548	pCi/L	05/13/25 07:20	06/05/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:53*	*1*
Y Carrier	*83.4*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.563**		0.412	0.414	5.00	0.548	pCi/L		06/06/25 15:50	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-024
Date Collected: 05/05/25 13:10
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-23
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0238	U	0.138	0.138	1.00	0.298	pCi/L	05/13/25 07:17	06/05/25 21:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0207	U	0.282	0.282	1.00	0.531	pCi/L	05/13/25 07:20	06/05/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:53*	*1*
Y Carrier	*87.1*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.000	U	0.314	0.314	5.00	0.531	pCi/L		06/06/25 15:50	1

Client Sample ID: 25041419-025
Date Collected: 05/05/25 13:55
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-24
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.180	U	0.221	0.222	1.00	0.364	pCi/L	05/13/25 07:26	06/05/25 21:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.6*		*30 - 110*	*05/13/25 07:26*	*06/05/25 21:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.00**		0.565	0.572	1.00	0.819	pCi/L	05/13/25 07:30	06/05/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.6*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*
Y Carrier	*81.5*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.18**		0.607	0.614	5.00	0.819	pCi/L		06/06/25 15:51	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-026
Date Collected: 05/02/25 09:07
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-25
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.161	U	0.179	0.180	1.00	0.289	pCi/L	05/13/25 07:26	06/06/25 07:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:36*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.521	U	0.435	0.438	1.00	0.680	pCi/L	05/13/25 07:30	06/05/25 14:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:06*	*1*
Y Carrier	*79.6*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:06*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.682**		0.470	0.474	5.00	0.680	pCi/L		06/06/25 15:51	1

Client Sample ID: 25041419-027
Date Collected: 05/06/25 13:31
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-26
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.509**		0.227	0.231	1.00	0.246	pCi/L	05/13/25 07:26	06/06/25 07:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.293	U	0.437	0.438	1.00	0.738	pCi/L	05/13/25 07:30	06/05/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*
Y Carrier	*81.5*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.802**		0.492	0.495	5.00	0.738	pCi/L		06/06/25 15:51	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-028
Date Collected: 05/06/25 09:45
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-27
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0909	U	0.140	0.141	1.00	0.243	pCi/L	05/13/25 07:26	06/06/25 07:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.895**		0.538	0.544	1.00	0.800	pCi/L	05/13/25 07:30	06/05/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*
Y Carrier	*79.6*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.986**		0.556	0.562	5.00	0.800	pCi/L		06/06/25 15:51	1

Client Sample ID: 25041419-029
Date Collected: 05/07/25 11:15
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-28
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.414**		0.202	0.206	1.00	0.214	pCi/L	05/13/25 07:26	06/06/25 07:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.966**		0.568	0.575	1.00	0.844	pCi/L	05/13/25 07:30	06/05/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*
Y Carrier	*83.4*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.38**		0.603	0.611	5.00	0.844	pCi/L		06/06/25 15:51	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-030
Date Collected: 05/06/25 13:07
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-29
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0284	U	0.134	0.134	1.00	0.267	pCi/L	05/13/25 07:26	06/06/25 07:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.4*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.532	U	0.490	0.492	1.00	0.779	pCi/L	05/13/25 07:30	06/05/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.4*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*
Y Carrier	*77.4*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.560	U	0.508	0.510	5.00	0.779	pCi/L		06/06/25 15:51	1

Client Sample ID: 25041419-031
Date Collected: 05/06/25 13:47
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-30
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.286	U	0.379	0.380	1.00	0.635	pCi/L	05/13/25 07:26	06/06/25 07:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*45.5*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.73**	**G**	1.21	1.24	1.00	1.61	pCi/L	05/13/25 07:30	06/05/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*45.5*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*
Y Carrier	*82.6*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**3.02**		1.27	1.30	5.00	1.61	pCi/L		06/06/25 15:51	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-032
Date Collected: 05/05/25 14:39
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-31
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0786	U	0.148	0.149	1.00	0.266	pCi/L	05/13/25 07:26	06/06/25 07:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.3*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.638	U	0.507	0.511	1.00	0.793	pCi/L	05/13/25 07:30	06/05/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.3*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:25*	*1*
Y Carrier	*81.1*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:25*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.717	U	0.528	0.532	5.00	0.793	pCi/L		06/06/25 15:51	1

Client Sample ID: 25041419-033
Date Collected: 05/06/25 12:35
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-32
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0233	U	0.140	0.140	1.00	0.278	pCi/L	05/13/25 07:26	06/06/25 07:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.636	U	0.438	0.442	1.00	0.656	pCi/L	05/13/25 07:30	06/05/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*
Y Carrier	*83.0*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.660**		0.460	0.464	5.00	0.656	pCi/L		06/06/25 15:51	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-034
Date Collected: 04/30/25 10:18
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-33
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.184	U	0.278	0.279	1.00	0.480	pCi/L	05/13/25 07:26	06/06/25 07:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*55.0*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:39*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.323	U G	0.797	0.798	1.00	1.41	pCi/L	05/13/25 07:30	06/05/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*55.0*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*
Y Carrier	*81.5*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.507	U	0.844	0.845	5.00	1.41	pCi/L		06/06/25 15:51	1

Client Sample ID: 25041419-035
Date Collected: 04/30/25 12:17
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-34
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.230	U	0.201	0.202	1.00	0.307	pCi/L	05/13/25 07:26	06/06/25 07:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:39*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.179	U	0.452	0.452	1.00	0.789	pCi/L	05/13/25 07:30	06/05/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*
Y Carrier	*79.6*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:24*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.409	U	0.495	0.495	5.00	0.789	pCi/L		06/06/25 15:51	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-036
Date Collected: 04/30/25 11:28
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-35
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0970	U	0.173	0.173	1.00	0.304	pCi/L	05/13/25 07:26	06/06/25 07:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.6*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:39*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.214	U	0.364	0.364	1.00	0.623	pCi/L	05/13/25 07:30	06/05/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.6*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:25*	*1*
Y Carrier	*87.1*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:25*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.311	U	0.403	0.403	5.00	0.623	pCi/L		06/06/25 15:51	1

Client Sample ID: 25041419-037
Date Collected: 05/06/25 10:35
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-36
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.133	U	0.140	0.140	1.00	0.339	pCi/L	05/13/25 07:26	06/06/25 07:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:39*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.300	U	0.355	0.356	1.00	0.584	pCi/L	05/13/25 07:30	06/05/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:25*	*1*
Y Carrier	*77.8*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:25*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.300	U	0.382	0.383	5.00	0.584	pCi/L		06/06/25 15:51	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-038
Date Collected: 05/06/25 12:24
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-37
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112	U	0.149	0.149	1.00	0.250	pCi/L	05/13/25 07:26	06/06/25 07:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:39*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.113	U	0.319	0.319	1.00	0.567	pCi/L	05/13/25 07:30	06/05/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:25*	*1*
Y Carrier	*79.3*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:25*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.226	U	0.352	0.352	5.00	0.567	pCi/L		06/06/25 15:51	1

Client Sample ID: 25041419-039
Date Collected: 05/06/25 14:51
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-38
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0388	U	0.146	0.146	1.00	0.280	pCi/L	05/13/25 07:26	06/06/25 07:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:39*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.274	U	0.359	0.360	1.00	0.600	pCi/L	05/13/25 07:30	06/05/25 14:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:26*	*1*
Y Carrier	*81.5*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:26*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.313	U	0.388	0.388	5.00	0.600	pCi/L		06/06/25 15:51	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-040
Date Collected: 05/06/25 14:14
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-39
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.246	U	0.180	0.181	1.00	0.250	pCi/L	05/13/25 07:26	06/06/25 07:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.6*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.104	U	0.346	0.346	1.00	0.615	pCi/L	05/13/25 07:30	06/05/25 14:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.6*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:27*	*1*
Y Carrier	*86.0*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:27*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.351	U	0.390	0.390	5.00	0.615	pCi/L		06/06/25 15:51	1

Client Sample ID: 25041419-041
Date Collected: 05/01/25 11:05
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-40
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.532**		0.235	0.240	1.00	0.267	pCi/L	05/13/25 07:26	06/06/25 07:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.5*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.168	U	0.358	0.359	1.00	0.622	pCi/L	05/13/25 07:30	06/05/25 14:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.5*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:27*	*1*
Y Carrier	*83.7*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:27*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.700**		0.428	0.432	5.00	0.622	pCi/L		06/06/25 15:51	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-042
Date Collected: 05/01/25 10:28
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-41
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0290	U	0.194	0.194	1.00	0.370	pCi/L	05/13/25 07:26	06/06/25 07:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.8*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0440	U	0.326	0.326	1.00	0.626	pCi/L	05/13/25 07:30	06/05/25 14:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.8*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:27*	*1*
Y Carrier	*84.9*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:27*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0290	U	0.379	0.379	5.00	0.626	pCi/L		06/06/25 15:51	1

Client Sample ID: 25041419-043
Date Collected: 05/07/25 12:37
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-42
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.127	U	0.197	0.198	1.00	0.340	pCi/L	05/13/25 07:26	06/06/25 07:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.4*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.155	U	0.363	0.363	1.00	0.642	pCi/L	05/13/25 07:30	06/05/25 14:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.4*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:27*	*1*
Y Carrier	*78.1*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:27*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.282	U	0.413	0.413	5.00	0.642	pCi/L		06/06/25 15:51	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-044
Date Collected: 05/01/25 09:41
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-43
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.198	U	0.214	0.215	1.00	0.345	pCi/L	05/13/25 07:26	06/06/25 07:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.1*		*30 - 110*	*05/13/25 07:26*	*06/06/25 07:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.224	U	0.378	0.379	1.00	0.647	pCi/L	05/13/25 07:30	06/05/25 14:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.1*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:27*	*1*
Y Carrier	*83.4*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:27*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.421	U	0.434	0.436	5.00	0.647	pCi/L		06/06/25 15:51	1

Client Sample ID: 25041419-045
Date Collected: 05/06/25 14:58
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-44
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0138	U	0.0912	0.0912	1.00	0.184	pCi/L	05/13/25 07:31	06/08/25 15:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.8*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.336	U	0.384	0.385	1.00	0.630	pCi/L	05/13/25 07:34	06/06/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.8*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*
Y Carrier	*78.1*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.350	U	0.395	0.396	5.00	0.630	pCi/L		06/09/25 11:46	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-046
Date Collected: 05/06/25 10:54
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-45
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.145	U	0.131	0.132	1.00	0.200	pCi/L	05/13/25 07:31	06/08/25 15:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.3*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.101	U	0.336	0.336	1.00	0.650	pCi/L	05/13/25 07:34	06/06/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.3*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*
Y Carrier	*79.6*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.145	U	0.361	0.361	5.00	0.650	pCi/L		06/09/25 11:46	1

Client Sample ID: 25041419-047
Date Collected: 05/02/25 09:19
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-46
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00788	U	0.0916	0.0916	1.00	0.194	pCi/L	05/13/25 07:31	06/08/25 15:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.673**		0.396	0.401	1.00	0.580	pCi/L	05/13/25 07:34	06/06/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*
Y Carrier	*82.6*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.673**		0.406	0.411	5.00	0.580	pCi/L		06/09/25 11:46	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-048
Date Collected: 05/02/25 10:04
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-47
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0290	U	0.0785	0.0786	1.00	0.151	pCi/L	05/13/25 07:31	06/08/25 15:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.409	U	0.301	0.303	1.00	0.455	pCi/L	05/13/25 07:34	06/06/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*
Y Carrier	*86.4*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.438	U	0.311	0.313	5.00	0.455	pCi/L		06/09/25 11:46	1

Client Sample ID: 25041419-049
Date Collected: 05/02/25 09:55
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-48
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0969	U	0.112	0.112	1.00	0.180	pCi/L	05/13/25 07:31	06/08/25 15:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.269	U	0.377	0.378	1.00	0.633	pCi/L	05/13/25 07:34	06/06/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*
Y Carrier	*79.3*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.366	U	0.393	0.394	5.00	0.633	pCi/L		06/09/25 11:46	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-050
Date Collected: 05/06/25 11:46
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-49
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00137	U	0.0861	0.0861	1.00	0.182	pCi/L	05/13/25 07:31	06/08/25 15:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.119	U	0.299	0.299	1.00	0.595	pCi/L	05/13/25 07:34	06/06/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*
Y Carrier	*77.4*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.00137	U	0.311	0.311	5.00	0.595	pCi/L		06/09/25 11:46	1

Client Sample ID: 25041419-051
Date Collected: 05/06/25 09:14
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-50
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0319	U	0.0863	0.0864	1.00	0.166	pCi/L	05/13/25 07:31	06/08/25 15:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.654**		0.373	0.378	1.00	0.527	pCi/L	05/13/25 07:34	06/06/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*
Y Carrier	*79.6*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.686**		0.383	0.388	5.00	0.527	pCi/L		06/09/25 11:46	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-052
Date Collected: 05/06/25 10:04
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-51
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0920	U	0.126	0.126	1.00	0.212	pCi/L	05/13/25 07:31	06/08/25 15:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:13*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.355	U	0.327	0.328	1.00	0.514	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*78.1*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.447	U	0.350	0.351	5.00	0.514	pCi/L		06/09/25 11:46	1

Client Sample ID: 25041419-053
Date Collected: 05/05/25 14:27
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-52
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0332	U	0.132	0.132	1.00	0.248	pCi/L	05/13/25 07:31	06/08/25 15:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:13*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.543	U	0.365	0.369	1.00	0.548	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*83.4*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.577**		0.388	0.392	5.00	0.548	pCi/L		06/09/25 11:46	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-054
Date Collected: 05/05/25 11:24
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-53
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0411	U	0.117	0.117	1.00	0.216	pCi/L	05/13/25 07:31	06/08/25 15:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:13*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.802**		0.403	0.409	1.00	0.561	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*78.9*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.843**		0.420	0.425	5.00	0.561	pCi/L		06/09/25 11:46	1

Client Sample ID: 25041419-055
Date Collected: 05/08/25 09:20
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-54
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0331	U	0.110	0.110	1.00	0.238	pCi/L	05/13/25 07:31	06/08/25 15:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.1*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.800**		0.444	0.450	1.00	0.631	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.1*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*78.1*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.800**		0.457	0.463	5.00	0.631	pCi/L		06/09/25 11:46	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-056
Date Collected: 05/07/25 10:15
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-55
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.160	U	0.141	0.142	1.00	0.211	pCi/L	05/13/25 07:31	06/08/25 15:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.1*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.376	U	0.409	0.411	1.00	0.667	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.1*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*78.5*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.536	U	0.433	0.435	5.00	0.667	pCi/L		06/09/25 11:46	1

Client Sample ID: 25041419-057
Date Collected: 04/29/25 09:49
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-56
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.109	U	0.121	0.122	1.00	0.194	pCi/L	05/13/25 07:31	06/08/25 15:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.1*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.164	U	0.369	0.369	1.00	0.647	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.1*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*76.6*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-058
Date Collected: 05/01/25 09:59
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-57
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0209	U	0.0815	0.0816	1.00	0.162	pCi/L	05/13/25 07:31	06/08/25 15:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.539	U	0.423	0.426	1.00	0.659	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*78.5*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.560	U	0.431	0.434	5.00	0.659	pCi/L		06/09/25 11:46	1

Client Sample ID: 25041419-059
Date Collected: 05/07/25 10:22
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-58
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0541	U	0.0969	0.0970	1.00	0.173	pCi/L	05/13/25 07:31	06/08/25 15:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.693**		0.384	0.389	1.00	0.540	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*77.8*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.747**		0.396	0.401	5.00	0.540	pCi/L		06/09/25 11:46	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-060
Date Collected: 05/05/25 13:10
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-59
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0594	U	0.123	0.123	1.00	0.268	pCi/L	05/13/25 07:31	06/08/25 15:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.434	U	0.358	0.360	1.00	0.558	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*83.0*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.434	U	0.379	0.380	5.00	0.558	pCi/L		06/09/25 11:46	1

Client Sample ID: 25041419-061
Date Collected: 04/30/25 10:18
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-60
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0274	U	0.126	0.126	1.00	0.249	pCi/L	05/13/25 07:31	06/08/25 15:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*58.0*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.360	U	0.539	0.540	1.00	0.911	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*58.0*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*78.9*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.388	U	0.554	0.555	5.00	0.911	pCi/L		06/09/25 11:46	1

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Client Sample ID: 25041419-062
Date Collected: 05/01/25 09:41
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-61
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0842	U	0.108	0.108	1.00	0.179	pCi/L	05/13/25 07:31	06/08/25 15:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.508	U	0.396	0.399	1.00	0.612	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*78.1*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.593	U	0.410	0.413	5.00	0.612	pCi/L		06/09/25 11:46	1

Client Sample ID: 25041419-063
Date Collected: 05/05/25 14:27
Date Received: 05/09/25 11:50

Lab Sample ID: 160-58029-62
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.101	U	0.125	0.125	1.00	0.206	pCi/L	05/13/25 07:31	06/08/25 15:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*30 - 110*	*05/13/25 07:31*	*06/08/25 15:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.346	U	0.317	0.318	1.00	0.686	pCi/L	05/13/25 07:34	06/06/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*
Y Carrier	*75.1*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:53*	*1*

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.101	U	0.341	0.342	5.00	0.686	pCi/L		06/09/25 11:46	1

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-717196/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720979 — **Prep Batch: 717196**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1105	U	0.173	0.174	1.00	0.300	pCi/L	05/13/25 07:17	06/05/25 21:20	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*05/13/25 07:17*	*06/05/25 21:20*	*1*

Lab Sample ID: LCS 160-717196/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720979 — **Prep Batch: 717196**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	7.732		1.07	1.00	0.303	pCi/L	81	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.5*		*30 - 110*

Lab Sample ID: 160-58029-23 DU — **Client Sample ID: 25041419-024**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720982 — **Prep Batch: 717196**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	-0.0238	U		-0.1035	U	0.162	1.00	0.367	pCi/L			0.27	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*91.3*		*30 - 110*

Lab Sample ID: MB 160-717198/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720981 — **Prep Batch: 717198**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.2442	U	0.249	0.250	1.00	0.395	pCi/L	05/13/25 07:21	06/05/25 20:00	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.3*		*30 - 110*	*05/13/25 07:21*	*06/05/25 20:00*	*1*

Lab Sample ID: LCS 160-717198/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720981 — **Prep Batch: 717198**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.268		1.16	1.00	0.378	pCi/L	86	75 - 125		

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-717198/2-A
Matrix: Water
Analysis Batch: 720981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717198

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	87.6		30 - 110

Lab Sample ID: MB 160-717200/1-A
Matrix: Water
Analysis Batch: 720982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717200

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0000	U	0.156	0.156	1.00	0.324	pCi/L	05/13/25 07:26	06/05/25 21:54	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110	05/13/25 07:26	06/05/25 21:54	1

Lab Sample ID: LCS 160-717200/2-A
Matrix: Water
Analysis Batch: 720982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717200

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	10.53		1.37	1.00	0.322	pCi/L	110	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	83.1		30 - 110

Lab Sample ID: 160-58029-42 DU
Matrix: Water
Analysis Batch: 721144

Client Sample ID: 25041419-043
Prep Type: Total/NA
Prep Batch: 717200

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.127	U		-0.02407	U	0.146	1.00	0.305	pCi/L			0.44	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	90.0		30 - 110

Lab Sample ID: MB 160-717202/1-A
Matrix: Water
Analysis Batch: 721229

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717202

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.002640	U	0.124	0.124	1.00	0.242	pCi/L	05/13/25 07:31	06/08/25 15:05	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110	05/13/25 07:31	06/08/25 15:05	1

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-717202/2-A
Matrix: Water
Analysis Batch: 721229

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717202

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.500		1.03	1.00	0.205	pCi/L	89	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.6*		*30 - 110*

Lab Sample ID: 160-58029-44 DU
Matrix: Water
Analysis Batch: 721229

Client Sample ID: 25041419-045
Prep Type: Total/NA
Prep Batch: 717202

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0138	U		0.06672	U	0.113	1.00	0.199	pCi/L			0.26	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*75.1*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-717197/1-A
Matrix: Water
Analysis Batch: 720974

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717197

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.1387	U	0.312	0.312	1.00	0.626	pCi/L	05/13/25 07:20	06/05/25 11:50	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:50*	*1*
Y Carrier	*82.6*		*30 - 110*	*05/13/25 07:20*	*06/05/25 11:50*	*1*

Lab Sample ID: LCS 160-717197/2-A
Matrix: Water
Analysis Batch: 720974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717197

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.38	11.24		1.51	1.00	0.643	pCi/L	120	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.5*		*30 - 110*
Y Carrier	*81.9*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 160-58029-23 DU — **Client Sample ID: 25041419-024**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720979 — **Prep Batch: 717197**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	-0.0207	U		0.03566	U	0.288	1.00	0.528	pCi/L			0.1	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*91.3*		*30 - 110*
Y Carrier	*87.1*		*30 - 110*

Lab Sample ID: MB 160-717199/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720979 — **Prep Batch: 717199**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.06846	U	0.299	0.299	1.00	0.590	pCi/L	05/13/25 07:25	06/05/25 14:28	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.3*		*30 - 110*	*05/13/25 07:25*	*06/05/25 14:28*	*1*
Y Carrier	*81.1*		*30 - 110*	*05/13/25 07:25*	*06/05/25 14:28*	*1*

Lab Sample ID: LCS 160-717199/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720979 — **Prep Batch: 717199**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.38	9.998		1.39	1.00	0.528	pCi/L	107	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.6*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Lab Sample ID: MB 160-717201/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720974 — **Prep Batch: 717201**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.01150	U	0.372	0.372	1.00	0.701	pCi/L	05/13/25 07:30	06/05/25 14:23	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:23*	*1*
Y Carrier	*78.5*		*30 - 110*	*05/13/25 07:30*	*06/05/25 14:23*	*1*

QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-717201/2-A
Matrix: Water
Analysis Batch: 720974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717201

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.38	11.54		1.62	1.00	0.759	pCi/L	123	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.1*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Lab Sample ID: 160-58029-42 DU
Matrix: Water
Analysis Batch: 720979

Client Sample ID: 25041419-043
Prep Type: Total/NA
Prep Batch: 717201

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.155	U		0.1953	U	0.412	1.00	0.715	pCi/L			0.05	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*90.0*		*30 - 110*
Y Carrier	*70.3*		*30 - 110*

Lab Sample ID: MB 160-717203/1-A
Matrix: Water
Analysis Batch: 721144

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717203

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8887		0.385	0.393	1.00	0.504	pCi/L	05/13/25 07:34	06/06/25 11:52	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*
Y Carrier	*83.7*		*30 - 110*	*05/13/25 07:34*	*06/06/25 11:52*	*1*

Lab Sample ID: LCS 160-717203/2-A
Matrix: Water
Analysis Batch: 721144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717203

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.38	10.69		1.44	1.00	0.527	pCi/L	114	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.6*		*30 - 110*
Y Carrier	*78.9*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 160-58029-44 DU
Matrix: Water
Analysis Batch: 721144

Client Sample ID: 25041419-045
Prep Type: Total/NA
Prep Batch: 717203

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.336	U		0.8670		0.476	1.00	0.664	pCi/L			0.62	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*75.1*		*30 - 110*
Y Carrier	*77.4*		*30 - 110*

Rad

Prep Batch: 717196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58029-4	25041419-005	Total/NA	Water	PrecSep-21	
160-58029-5	25041419-006	Total/NA	Water	PrecSep-21	
160-58029-6	25041419-007	Total/NA	Water	PrecSep-21	
160-58029-7	25041419-008	Total/NA	Water	PrecSep-21	
160-58029-8	25041419-009	Total/NA	Water	PrecSep-21	
160-58029-9	25041419-010	Total/NA	Water	PrecSep-21	
160-58029-10	25041419-011	Total/NA	Water	PrecSep-21	
160-58029-11	25041419-012	Total/NA	Water	PrecSep-21	
160-58029-12	25041419-013	Total/NA	Water	PrecSep-21	
160-58029-13	25041419-014	Total/NA	Water	PrecSep-21	
160-58029-14	25041419-015	Total/NA	Water	PrecSep-21	
160-58029-15	25041419-016	Total/NA	Water	PrecSep-21	
160-58029-16	25041419-017	Total/NA	Water	PrecSep-21	
160-58029-17	25041419-018	Total/NA	Water	PrecSep-21	
160-58029-18	25041419-019	Total/NA	Water	PrecSep-21	
160-58029-19	25041419-020	Total/NA	Water	PrecSep-21	
160-58029-20	25041419-021	Total/NA	Water	PrecSep-21	
160-58029-21	25041419-022	Total/NA	Water	PrecSep-21	
160-58029-22	25041419-023	Total/NA	Water	PrecSep-21	
160-58029-23	25041419-024	Total/NA	Water	PrecSep-21	
MB 160-717196/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-717196/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-58029-23 DU	25041419-024	Total/NA	Water	PrecSep-21	

Prep Batch: 717197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58029-4	25041419-005	Total/NA	Water	PrecSep_0	
160-58029-5	25041419-006	Total/NA	Water	PrecSep_0	
160-58029-6	25041419-007	Total/NA	Water	PrecSep_0	
160-58029-7	25041419-008	Total/NA	Water	PrecSep_0	
160-58029-8	25041419-009	Total/NA	Water	PrecSep_0	
160-58029-9	25041419-010	Total/NA	Water	PrecSep_0	
160-58029-10	25041419-011	Total/NA	Water	PrecSep_0	
160-58029-11	25041419-012	Total/NA	Water	PrecSep_0	
160-58029-12	25041419-013	Total/NA	Water	PrecSep_0	
160-58029-13	25041419-014	Total/NA	Water	PrecSep_0	
160-58029-14	25041419-015	Total/NA	Water	PrecSep_0	
160-58029-15	25041419-016	Total/NA	Water	PrecSep_0	
160-58029-16	25041419-017	Total/NA	Water	PrecSep_0	
160-58029-17	25041419-018	Total/NA	Water	PrecSep_0	
160-58029-18	25041419-019	Total/NA	Water	PrecSep_0	
160-58029-19	25041419-020	Total/NA	Water	PrecSep_0	
160-58029-20	25041419-021	Total/NA	Water	PrecSep_0	
160-58029-21	25041419-022	Total/NA	Water	PrecSep_0	
160-58029-22	25041419-023	Total/NA	Water	PrecSep_0	
160-58029-23	25041419-024	Total/NA	Water	PrecSep_0	
MB 160-717197/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-717197/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-58029-23 DU	25041419-024	Total/NA	Water	PrecSep_0	

Rad

Prep Batch: 717198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58029-1	25041419-001	Total/NA	Water	PrecSep-21	
160-58029-2	25041419-003	Total/NA	Water	PrecSep-21	
160-58029-3	25041419-004	Total/NA	Water	PrecSep-21	
MB 160-717198/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-717198/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 717199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58029-1	25041419-001	Total/NA	Water	PrecSep_0	
160-58029-2	25041419-003	Total/NA	Water	PrecSep_0	
160-58029-3	25041419-004	Total/NA	Water	PrecSep_0	
MB 160-717199/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-717199/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 717200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58029-24	25041419-025	Total/NA	Water	PrecSep-21	
160-58029-25	25041419-026	Total/NA	Water	PrecSep-21	
160-58029-26	25041419-027	Total/NA	Water	PrecSep-21	
160-58029-27	25041419-028	Total/NA	Water	PrecSep-21	
160-58029-28	25041419-029	Total/NA	Water	PrecSep-21	
160-58029-29	25041419-030	Total/NA	Water	PrecSep-21	
160-58029-30	25041419-031	Total/NA	Water	PrecSep-21	
160-58029-31	25041419-032	Total/NA	Water	PrecSep-21	
160-58029-32	25041419-033	Total/NA	Water	PrecSep-21	
160-58029-33	25041419-034	Total/NA	Water	PrecSep-21	
160-58029-34	25041419-035	Total/NA	Water	PrecSep-21	
160-58029-35	25041419-036	Total/NA	Water	PrecSep-21	
160-58029-36	25041419-037	Total/NA	Water	PrecSep-21	
160-58029-37	25041419-038	Total/NA	Water	PrecSep-21	
160-58029-38	25041419-039	Total/NA	Water	PrecSep-21	
160-58029-39	25041419-040	Total/NA	Water	PrecSep-21	
160-58029-40	25041419-041	Total/NA	Water	PrecSep-21	
160-58029-41	25041419-042	Total/NA	Water	PrecSep-21	
160-58029-42	25041419-043	Total/NA	Water	PrecSep-21	
160-58029-43	25041419-044	Total/NA	Water	PrecSep-21	
MB 160-717200/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-717200/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-58029-42 DU	25041419-043	Total/NA	Water	PrecSep-21	

Prep Batch: 717201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58029-24	25041419-025	Total/NA	Water	PrecSep_0	
160-58029-25	25041419-026	Total/NA	Water	PrecSep_0	
160-58029-26	25041419-027	Total/NA	Water	PrecSep_0	
160-58029-27	25041419-028	Total/NA	Water	PrecSep_0	
160-58029-28	25041419-029	Total/NA	Water	PrecSep_0	
160-58029-29	25041419-030	Total/NA	Water	PrecSep_0	
160-58029-30	25041419-031	Total/NA	Water	PrecSep_0	
160-58029-31	25041419-032	Total/NA	Water	PrecSep_0	
160-58029-32	25041419-033	Total/NA	Water	PrecSep_0	

Rad (Continued)

Prep Batch: 717201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58029-33	25041419-034	Total/NA	Water	PrecSep_0	
160-58029-34	25041419-035	Total/NA	Water	PrecSep_0	
160-58029-35	25041419-036	Total/NA	Water	PrecSep_0	
160-58029-36	25041419-037	Total/NA	Water	PrecSep_0	
160-58029-37	25041419-038	Total/NA	Water	PrecSep_0	
160-58029-38	25041419-039	Total/NA	Water	PrecSep_0	
160-58029-39	25041419-040	Total/NA	Water	PrecSep_0	
160-58029-40	25041419-041	Total/NA	Water	PrecSep_0	
160-58029-41	25041419-042	Total/NA	Water	PrecSep_0	
160-58029-42	25041419-043	Total/NA	Water	PrecSep_0	
160-58029-43	25041419-044	Total/NA	Water	PrecSep_0	
MB 160-717201/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-717201/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-58029-42 DU	25041419-043	Total/NA	Water	PrecSep_0	

Prep Batch: 717202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58029-44	25041419-045	Total/NA	Water	PrecSep-21	
160-58029-45	25041419-046	Total/NA	Water	PrecSep-21	
160-58029-46	25041419-047	Total/NA	Water	PrecSep-21	
160-58029-47	25041419-048	Total/NA	Water	PrecSep-21	
160-58029-48	25041419-049	Total/NA	Water	PrecSep-21	
160-58029-49	25041419-050	Total/NA	Water	PrecSep-21	
160-58029-50	25041419-051	Total/NA	Water	PrecSep-21	
160-58029-51	25041419-052	Total/NA	Water	PrecSep-21	
160-58029-52	25041419-053	Total/NA	Water	PrecSep-21	
160-58029-53	25041419-054	Total/NA	Water	PrecSep-21	
160-58029-54	25041419-055	Total/NA	Water	PrecSep-21	
160-58029-55	25041419-056	Total/NA	Water	PrecSep-21	
160-58029-56	25041419-057	Total/NA	Water	PrecSep-21	
160-58029-57	25041419-058	Total/NA	Water	PrecSep-21	
160-58029-58	25041419-059	Total/NA	Water	PrecSep-21	
160-58029-59	25041419-060	Total/NA	Water	PrecSep-21	
160-58029-60	25041419-061	Total/NA	Water	PrecSep-21	
160-58029-61	25041419-062	Total/NA	Water	PrecSep-21	
160-58029-62	25041419-063	Total/NA	Water	PrecSep-21	
MB 160-717202/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-717202/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-58029-44 DU	25041419-045	Total/NA	Water	PrecSep-21	

Prep Batch: 717203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58029-44	25041419-045	Total/NA	Water	PrecSep_0	
160-58029-45	25041419-046	Total/NA	Water	PrecSep_0	
160-58029-46	25041419-047	Total/NA	Water	PrecSep_0	
160-58029-47	25041419-048	Total/NA	Water	PrecSep_0	
160-58029-48	25041419-049	Total/NA	Water	PrecSep_0	
160-58029-49	25041419-050	Total/NA	Water	PrecSep_0	
160-58029-50	25041419-051	Total/NA	Water	PrecSep_0	
160-58029-51	25041419-052	Total/NA	Water	PrecSep_0	
160-58029-52	25041419-053	Total/NA	Water	PrecSep_0	

Rad (Continued)

Prep Batch: 717203 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58029-53	25041419-054	Total/NA	Water	PrecSep_0	
160-58029-54	25041419-055	Total/NA	Water	PrecSep_0	
160-58029-55	25041419-056	Total/NA	Water	PrecSep_0	
160-58029-56	25041419-057	Total/NA	Water	PrecSep_0	
160-58029-57	25041419-058	Total/NA	Water	PrecSep_0	
160-58029-58	25041419-059	Total/NA	Water	PrecSep_0	
160-58029-59	25041419-060	Total/NA	Water	PrecSep_0	
160-58029-60	25041419-061	Total/NA	Water	PrecSep_0	
160-58029-61	25041419-062	Total/NA	Water	PrecSep_0	
160-58029-62	25041419-063	Total/NA	Water	PrecSep_0	
MB 160-717203/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-717203/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-58029-44 DU	25041419-045	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
160-58029-1	25041419-001	87.3
160-58029-2	25041419-003	89.8
160-58029-3	25041419-004	91.0
160-58029-4	25041419-005	87.6
160-58029-5	25041419-006	82.8
160-58029-6	25041419-007	75.1
160-58029-7	25041419-008	82.8
160-58029-8	25041419-009	80.1
160-58029-9	25041419-010	86.8
160-58029-10	25041419-011	83.1
160-58029-11	25041419-012	85.6
160-58029-12	25041419-013	87.8
160-58029-13	25041419-014	94.8
160-58029-14	25041419-015	93.8
160-58029-15	25041419-016	83.1
160-58029-16	25041419-017	82.3
160-58029-17	25041419-018	84.6
160-58029-18	25041419-019	84.8
160-58029-19	25041419-020	87.6
160-58029-20	25041419-021	72.6
160-58029-21	25041419-022	92.3
160-58029-22	25041419-023	82.1
160-58029-23	25041419-024	92.3
160-58029-23 DU	25041419-024	91.3
160-58029-24	25041419-025	76.6
160-58029-25	25041419-026	84.1
160-58029-26	25041419-027	85.8
160-58029-27	25041419-028	87.1
160-58029-28	25041419-029	81.6
160-58029-29	25041419-030	79.4
160-58029-30	25041419-031	45.5
160-58029-31	25041419-032	84.3
160-58029-32	25041419-033	83.8
160-58029-33	25041419-034	55.0
160-58029-34	25041419-035	88.8
160-58029-35	25041419-036	77.6
160-58029-36	25041419-037	86.8
160-58029-37	25041419-038	94.3
160-58029-38	25041419-039	83.8
160-58029-39	25041419-040	88.6
160-58029-40	25041419-041	92.5
160-58029-41	25041419-042	80.8
160-58029-42	25041419-043	79.4
160-58029-42 DU	25041419-043	90.0
160-58029-43	25041419-044	83.1
160-58029-44	25041419-045	80.8
160-58029-44 DU	25041419-045	75.1
160-58029-45	25041419-046	83.3
160-58029-46	25041419-047	88.1

Tracer/Carrier Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Method: 903.0 - Radium-226 (GFPC) (Continued)

Matrix: Water — **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba (30-110)						
160-58029-47	25041419-048	91.0						
160-58029-48	25041419-049	84.6						
160-58029-49	25041419-050	84.6						
160-58029-50	25041419-051	84.8						
160-58029-51	25041419-052	79.9						
160-58029-52	25041419-053	87.1						
160-58029-53	25041419-054	90.8						
160-58029-54	25041419-055	80.1						
160-58029-55	25041419-056	74.1						
160-58029-56	25041419-057	79.1						
160-58029-57	25041419-058	89.6						
160-58029-58	25041419-059	86.8						
160-58029-59	25041419-060	87.6						
160-58029-60	25041419-061	58.0						
160-58029-61	25041419-062	81.8						
160-58029-62	25041419-063	80.6						
LCS 160-717196/2-A	Lab Control Sample	90.5						
LCS 160-717198/2-A	Lab Control Sample	87.6						
LCS 160-717200/2-A	Lab Control Sample	83.1						
LCS 160-717202/2-A	Lab Control Sample	84.6						
MB 160-717196/1-A	Method Blank	84.8						
MB 160-717198/1-A	Method Blank	83.3						
MB 160-717200/1-A	Method Blank	84.8						
MB 160-717202/1-A	Method Blank	88.3						

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)						
160-58029-1	25041419-001	87.3	80.4						
160-58029-2	25041419-003	89.8	83.0						
160-58029-3	25041419-004	91.0	86.7						
160-58029-4	25041419-005	87.6	77.8						
160-58029-5	25041419-006	82.8	80.0						
160-58029-6	25041419-007	75.1	85.2						
160-58029-7	25041419-008	82.8	80.7						
160-58029-8	25041419-009	80.1	80.7						
160-58029-9	25041419-010	86.8	83.7						
160-58029-10	25041419-011	83.1	79.6						
160-58029-11	25041419-012	85.6	78.1						
160-58029-12	25041419-013	87.8	86.0						
160-58029-13	25041419-014	94.8	83.4						
160-58029-14	25041419-015	93.8	85.6						
160-58029-15	25041419-016	83.1	83.7						
160-58029-16	25041419-017	82.3	87.9						
160-58029-17	25041419-018	84.6	82.2						

Tracer/Carrier Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Method: 904.0 - Radium-228 (GFPC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-58029-18	25041419-019	84.8	87.9
160-58029-19	25041419-020	87.6	79.6
160-58029-20	25041419-021	72.6	83.0
160-58029-21	25041419-022	92.3	87.5
160-58029-22	25041419-023	82.1	83.4
160-58029-23	25041419-024	92.3	87.1
160-58029-23 DU	25041419-024	91.3	87.1
160-58029-24	25041419-025	76.6	81.5
160-58029-25	25041419-026	84.1	79.6
160-58029-26	25041419-027	85.8	81.5
160-58029-27	25041419-028	87.1	79.6
160-58029-28	25041419-029	81.6	83.4
160-58029-29	25041419-030	79.4	77.4
160-58029-30	25041419-031	45.5	82.6
160-58029-31	25041419-032	84.3	81.1
160-58029-32	25041419-033	83.8	83.0
160-58029-33	25041419-034	55.0	81.5
160-58029-34	25041419-035	88.8	79.6
160-58029-35	25041419-036	77.6	87.1
160-58029-36	25041419-037	86.8	77.8
160-58029-37	25041419-038	94.3	79.3
160-58029-38	25041419-039	83.8	81.5
160-58029-39	25041419-040	88.6	86.0
160-58029-40	25041419-041	92.5	83.7
160-58029-41	25041419-042	80.8	84.9
160-58029-42	25041419-043	79.4	78.1
160-58029-42 DU	25041419-043	90.0	70.3
160-58029-43	25041419-044	83.1	83.4
160-58029-44	25041419-045	80.8	78.1
160-58029-44 DU	25041419-045	75.1	77.4
160-58029-45	25041419-046	83.3	79.6
160-58029-46	25041419-047	88.1	82.6
160-58029-47	25041419-048	91.0	86.4
160-58029-48	25041419-049	84.6	79.3
160-58029-49	25041419-050	84.6	77.4
160-58029-50	25041419-051	84.8	79.6
160-58029-51	25041419-052	79.9	78.1
160-58029-52	25041419-053	87.1	83.4
160-58029-53	25041419-054	90.8	78.9
160-58029-54	25041419-055	80.1	78.1
160-58029-55	25041419-056	74.1	78.5
160-58029-56	25041419-057	79.1	76.6
160-58029-57	25041419-058	89.6	78.5
160-58029-58	25041419-059	86.8	77.8
160-58029-59	25041419-060	87.6	83.0
160-58029-60	25041419-061	58.0	78.9
160-58029-61	25041419-062	81.8	78.1
160-58029-62	25041419-063	80.6	75.1
LCS 160-717197/2-A	Lab Control Sample	90.5	81.9
LCS 160-717199/2-A	Lab Control Sample	87.6	80.4

Tracer/Carrier Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58029-1
SDG: 25041419

Method: 904.0 - Radium-228 (GFPC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
LCS 160-717201/2-A	Lab Control Sample	83.1	80.4
LCS 160-717203/2-A	Lab Control Sample	84.6	78.9
MB 160-717197/1-A	Method Blank	84.8	82.6
MB 160-717199/1-A	Method Blank	83.3	81.1
MB 160-717201/1-A	Method Blank	84.8	78.5
MB 160-717203/1-A	Method Blank	88.3	83.7

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	AP2D
Project Location:	Coffeen, IL	**Sample ID:**	001
W.O. Number (s):	25041418	**Date (s):**	5/8/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 59 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☐ None ☐ Light ☑ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good			
Casing	Good	Protective Casing		X
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/8/2025 8:49
Static Water Level: 21.19 feet below TOC
Total Depth: 35.43 feet below TOC
Water Column: 14.24 feet

Purging Activities

Purged By: DC Purge Date: 5/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.24 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
8:49	0.0	231	purge start time						
8:56	1.6	↓	6.36	1,055.40	15.41	5.89	241.00	13.11	
8:59	2.3		6.38	1,053.80	15.50	5.81	239.30	12.61	
9:02	3.0		6.40	1,049.80	15.66	5.73	236.30	11.19	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/8/2025 9:02
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.40 pH 1,049.80 Spec. Cond. 15.66 Temp
Field Filtered: No Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Date: 5/8/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G1001
Project Location:	Coffeen, IL	**Sample ID:**	002
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 62 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 9:33

Static Water Level: 5.94 feet below TOC
Total Depth: 13.79 feet below TOC
Water Column: 7.85 feet

Purging Activities

Purged By: DC — Purge Date: 5/7/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 7.85 ft. x 0.022 = 0.17 L x 3 Vol. = 0.51 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.50 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:34	0.0	159	purge start time						
9:57	3.6	↓	7.03	872.10	16.03	4.53	197.80	1.42	
10:00	4.1		7.02	875.30	15.77	4.36	198.20	1.20	
10:03	4.6		7.02	873.60	15.55	4.24	198.50	1.14	
10:06	5.1		7.00	871.20	15.66	4.09	198.60	0.98	
10:09	5.5		7.00	858.50	15.61	3.92	198.60	0.76	
10:12	6.0		7.00	843.30	15.38	3.88	198.40	0.94	
10:15	6.5		7.01	826.80	15.27	3.92	198.10	0.90	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/7/2025 10:15
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 7.01 pH — 826.80 Spec. Cond. — 15.27 Temp
Field Filtered: No — Filter Type:
Water Level: 8.89 feet below TOC — Drawdown: 2.95 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By:  **Date:** 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G1003
Project Location:	Coffeen, IL	**Sample ID:**	003
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 62 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 8:54

Static Water Level: 9.93 feet below TOC
Total Depth: 11.15 feet below TOC
Water Column: 1.22 feet

Purging Activities

Purged By: DC — Purge Date: 5/7/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 1.22 ft. x 0.022 = 0.03 L x 3 Vol. = 0.09 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.50 L
Physical appearance of purge water: — Odor: — Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
8:55	0.0	132	purge start time						
9:14	2.5	↓							

Sampling Activities

Sampled By: — Sample Date/Time:
Sample Method: — Sample Equipment: Peristaltic Pump
Sample Parameters: ____ pH ____ Spec. Cond. ____ Temp
Field Filtered: ____ Filter Type: ____
Water Level: ____ feet below TOC — Drawdown: ____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868
- Well went dry during stabilization. Dry- no sample

Form Completed By: — **Date:** 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G101
Project Location:	Coffeen, IL	**Sample ID:**	004
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 67 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 11:41

Static Water Level: 2.32 feet below TOC
Total Depth: 24.30 feet below TOC
Water Column: 21.98 feet

Purging Activities

Purged By: BG Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 21.98 ft. x 0.022 = 0.48 L x 3 Vol. = 1.44 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 10.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:41	0.0	313	purge start time						
11:58	5.3	↓	7.00	979.90	13.14	0.92	117.20	214.77	
12:01	6.3		7.02	977.60	13.39	0.83	118.40	268.55	
12:04	7.2		7.02	969.60	13.51	0.77	118.90	309.41	
12:07	8.1		7.02	964.70	13.31	0.73	118.00	300.24	
12:10	9.1		7.02	958.40	13.23	0.71	117.30	205.90	
12:13	10.0		7.02	955.00	13.21	0.68	117.00	236.99	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/1/2025 12:13
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.02 pH 955.00 Spec. Cond. 13.21 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 3.67 feet below TOC Drawdown: 1.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G102
Project Location:	Coffeen, IL	**Sample ID:**	005
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 69 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 13:35
Static Water Level: 2.83 feet below TOC
Total Depth: 20.00 feet below TOC
Water Column: 17.17 feet

Purging Activities

Purged By: BG Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.17 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:35	0.0	273	purge start time						
13:48	3.5	↓	7.13	535.90	15.78	1.85	119.20	18.23	
13:51	4.4		7.12	547.40	15.77	1.70	118.40	22.21	
13:54	5.2		7.11	554.00	15.60	1.58	117.50	25.87	
13:57	6.0		7.14	555.00	13.39	1.50	116.70	130.29	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/1/2025 13:57
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.14 pH 555.00 Spec. Cond. 13.39 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 3.05 feet below TOC Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 5/1/2025

Field Data Sheet

Project Name: COF-25Q2 | **Monitoring Point:** G103
Project Location: Coffeen, IL | **Sample ID:** 006
W.O. Number (s): 25041418 | **Date (s):** 5/1/2025

Field Team Members

Name: Justin Colp | Affiliation: TekLab, Inc.
Name: | Affiliation:

Weather Conditions

Temp: 65 °F | Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy | Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 9:29
Static Water Level: 7.02 feet below TOC
Total Depth: 26.90 feet below TOC
Water Column: 19.88 feet

Purging Activities

Purged By: JC | Purge Date: 5/1/2025
Purge Method: Bladder Pump | Well Diameter: 2"
Purge Volume Calculation (L): 19.88 ft. x 0.022 = 0.44 L x 3 Vol. = 1.32 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.50 L
Physical appearance of purge water: Clear | Odor: None | Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:29	0.0	185	purge start time						
9:36	1.3	↓	6.92	943.00	13.46	5.91	73.40	3.39	
9:39	1.8		6.91	942.60	13.51	5.43	73.50	3.06	
9:42	2.4		6.89	943.30	13.47	5.03	73.80	3.34	
9:45	3.0		6.87	944.20	13.52	4.64	74.10	3.58	
9:48	3.5		6.85	944.90	13.55	4.31	74.30	3.80	
9:51	4.1		6.84	946.50	13.54	4.02	74.50	4.05	
9:54	4.6		6.83	947.90	13.60	3.77	74.60	3.86	
9:57	5.2		6.82	949.00	13.63	3.55	74.70	4.26	
10:00	5.7		6.81	950.90	13.65	3.33	74.80	7.38	
10:03	6.3		6.80	951.70	13.70	3.18	74.90	11.62	
10:06	6.8		6.80	952.90	13.70	3.02	74.90	12.03	
10:09	7.4		6.79	954.00	13.71	2.88	74.80	15.57	
10:12	7.9		6.79	954.50	13.73	2.74	74.80	13.91	
10:15	8.5		6.78	955.70	13.69	2.64	74.70	4.56	

Sampling Activities

Sampled By: JC | Sample Date/Time: 5/1/2025 10:15
Sample Method: Low Flow | Sample Equipment: Bladder Pump
Sample Parameters: 6.78 pH | 955.70 Spec. Cond. | 13.69 Temp
Field Filtered: Yes | Filter Type: Inline Disposable
Water Level: 8.93 feet below TOC | Drawdown: 1.91 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp | **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G105
Project Location:	Coffeen, IL	**Sample ID:**	007
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 66 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 11:10

Static Water Level: 7.15 feet below TOC
Total Depth: 27.70 feet below TOC
Water Column: 20.55 feet

Purging Activities

Purged By: JC — Purge Date: 5/1/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 20.55 ft. x 0.022 = 0.45 L x 3 Vol. = 1.35 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: Slight — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:10	0.0	208	purge start time						
11:19	1.9	↓	6.90	905.50	13.91	3.07	49.70	3.30	
11:22	2.5		6.91	902.30	14.11	2.59	42.80	3.57	
11:25	3.1		6.91	901.20	14.39	2.28	38.00	2.88	
11:28	3.8		6.92	900.50	14.61	2.07	33.90	2.70	
11:31	4.4		6.92	898.00	14.64	1.91	30.20	2.68	
11:34	5.0		6.92	897.60	14.74	1.80	26.80	2.41	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/1/2025 11:34
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.92 pH — 897.60 Spec. Cond. — 14.74 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 8.10 feet below TOC — Drawdown: 0.95 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G106
Project Location:	Coffeen, IL	**Sample ID:**	008
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 67 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 11:50

Static Water Level: 7.41 feet below TOC
Total Depth: 25.60 feet below TOC
Water Column: 18.19 feet

Purging Activities

Purged By: JC — Purge Date: 5/1/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 18.19 ft. x 0.022 = 0.4 L x 3 Vol. = 1.2 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:51	0.0	182	purge start time						
11:58	1.3	↓	6.94	998.10	13.72	5.68	72.00	2.46	
12:01	1.8		6.91	997.60	13.99	5.21	73.00	2.81	
12:04	2.4		6.90	999.00	14.54	4.92	73.60	3.30	
12:07	2.9		6.90	999.60	14.48	4.73	73.80	3.75	
12:10	3.5		6.90	997.20	14.13	4.62	74.40	5.20	
12:13	4.0		6.89	995.10	14.11	4.53	75.10	5.70	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/1/2025 12:13
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.89 pH — 995.10 Spec. Cond. — 14.11 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 10.61 feet below TOC — Drawdown: 3.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G107
Project Location:	Coffeen, IL	**Sample ID:**	009
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 12:25
Static Water Level: 8.01 feet below TOC
Total Depth: 22.70 feet below TOC
Water Column: 14.69 feet

Purging Activities

Purged By: JC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.69 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:26	0.0	226	purge start time						
12:36	2.3	↓	7.05	850.30	13.66	5.84	84.10	14.10	
12:39	2.9		7.04	849.80	13.66	5.51	84.70	13.52	
12:42	3.6		7.02	849.20	13.65	5.28	85.20	12.84	
12:45	4.3		7.01	849.60	13.70	5.08	85.80	12.61	
12:48	5.0		7.00	849.20	13.83	4.90	86.20	11.66	
12:51	5.6		7.00	849.20	14.05	4.75	86.40	9.68	
12:54	6.3		7.00	849.30	14.10	4.68	86.60	8.62	
12:57	7.0		7.00	848.30	14.14	4.59	86.70	8.34	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/1/2025 12:57
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.00 pH 848.30 Spec. Cond. 14.14 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.15 feet below TOC Drawdown: 2.14 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G108
Project Location:	Coffeen, IL	**Sample ID:**	010
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 64 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 8:42
Static Water Level: 7.82 feet below TOC
Total Depth: 26.60 feet below TOC
Water Column: 18.78 feet

Purging Activities

Purged By: JC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.78 ft. x 0.022 = 0.41 L x 3 Vol. = 1.23 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
8:43	0.0	200	purge start time						
8:51	1.6	↓	6.73	829.40	13.49	5.44	64.30	20.71	
8:54	2.2		6.72	828.10	13.48	4.74	61.10	45.60	
8:57	2.8		6.73	827.10	13.44	4.31	59.00	30.38	
9:00	3.4		6.74	826.20	13.43	3.98	57.70	18.77	
9:03	4.0		6.75	826.30	13.42	3.63	56.70	13.25	
9:06	4.6		6.76	826.20	13.37	3.35	55.90	10.25	
9:09	5.2		6.78	826.30	13.35	3.14	55.10	6.99	
9:12	5.8		6.79	825.30	13.38	2.99	54.60	6.63	
9:15	6.4		6.80	824.70	13.40	2.85	54.20	5.90	
9:18	7.0		6.81	824.20	13.39	2.74	53.90	5.37	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/1/2025 9:18
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.81 pH 824.20 Spec. Cond. 13.39 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.08 feet below TOC Drawdown: 1.26 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G109
Project Location:	Coffeen, IL	**Sample ID:**	011
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 70 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 9:23

Static Water Level: 8.40 feet below TOC
Total Depth: 26.30 feet below TOC
Water Column: 17.90 feet

Purging Activities

Purged By: JC — Purge Date: 4/29/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 17.9 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Cloudy — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:25	0.0	222	purge start time						
9:31	1.3	↓	6.59	1,025.20	14.04	4.41	78.30	13.66	
9:34	2.0		6.60	1,015.80	13.93	3.35	74.80	28.15	
9:37	2.7		6.62	1,011.60	13.93	2.79	71.60	38.47	
9:40	3.3		6.63	1,012.00	13.88	2.44	68.60	40.07	
9:43	4.0		6.65	1,009.40	13.92	2.19	65.80	35.53	
9:46	4.7		6.67	1,008.60	13.91	2.01	63.30	42.36	
9:49	5.3		6.68	1,007.70	13.93	1.88	61.20	37.16	
9:52	6.0		6.70	1,009.90	13.93	1.77	59.30	34.15	

Sampling Activities

Sampled By: JC — Sample Date/Time: 4/29/2025 9:52
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.70 pH — 1,009.90 Spec. Cond. — 13.93 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 8.96 feet below TOC — Drawdown: 0.56 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G110
Project Location:	Coffeen, IL	**Sample ID:**	012
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 10:02
Static Water Level: 9.09 feet below TOC
Total Depth: 27.50 feet below TOC
Water Column: 18.41 feet

Purging Activities

Purged By: JC Purge Date: 4/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.41 ft. x 0.022 = 0.41 L x 3 Vol. = 1.23 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:03	0.0	241	purge start time						
10:11	1.9	↓	6.67	953.00	13.71	3.29	73.70	7.86	
10:14	2.7		6.66	954.50	13.63	2.76	72.30	11.76	
10:17	3.4		6.66	956.40	13.66	2.43	71.10	11.65	
10:20	4.1		6.66	958.00	13.72	2.20	69.90	12.72	
10:23	4.8		6.66	958.40	13.76	2.02	68.90	14.03	
10:26	5.6		6.67	958.80	13.80	1.89	67.70	12.95	
10:29	6.3		6.67	960.80	13.79	1.79	66.60	10.04	
10:32	7.0		6.67	960.60	13.82	1.71	65.60	10.01	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/29/2025 10:32
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.67 pH 960.60 Spec. Cond. 13.82 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.63 feet below TOC Drawdown: 0.54 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G111
Project Location:	Coffeen, IL	**Sample ID:**	013
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 10:47
Static Water Level: 10.98 feet below TOC
Total Depth: 24.30 feet below TOC
Water Column: 13.32 feet

Purging Activities

Purged By: JC Purge Date: 4/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.32 ft. x 0.022 = 0.29 L x 3 Vol. = 0.87 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:48	0.0	214	purge start time						
10:55	1.5	↓	6.88	996.80	14.54	3.86	78.20	1.08	
10:58	2.1		6.87	992.40	14.59	3.18	77.60	1.26	
11:01	2.8		6.87	989.90	14.56	2.80	76.90	1.47	
11:04	3.4		6.86	990.30	14.47	2.53	76.10	1.62	
11:07	4.1		6.86	989.30	14.54	2.34	75.40	1.27	
11:10	4.7		6.86	989.40	14.51	2.18	74.60	0.32	
11:13	5.4		6.86	988.10	14.59	2.04	73.70	-0.10	
11:16	6.0		6.86	987.60	14.56	1.95	73.00	-0.18	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/29/2025 11:16
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.86 pH 987.60 Spec. Cond. 14.56 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.50 feet below TOC Drawdown: 0.52 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G119
Project Location:	Coffeen, IL	**Sample ID:**	014
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 73 °F Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 11:28
Static Water Level: 14.19 feet below TOC
Total Depth: 27.40 feet below TOC
Water Column: 13.21 feet

Purging Activities

Purged By: JC Purge Date: 4/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.21 ft. x 0.022 = 0.29 L x 3 Vol. = 0.87 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:29	0.0	212	purge start time						
11:35	1.3	↓	7.14	761.80	14.48	5.27	87.00	2.84	
11:38	1.9		7.10	761.20	14.59	4.67	87.10	3.20	
11:41	2.5		7.08	761.90	14.58	4.16	87.00	3.59	
11:44	3.2		7.06	760.50	14.59	3.66	86.50	3.35	
11:47	3.8		7.04	760.30	14.63	3.24	86.00	2.93	
11:50	4.5		7.03	760.10	14.55	2.93	85.50	1.82	
11:53	5.1		7.02	759.60	14.58	2.66	84.80	1.72	
11:56	5.7		7.02	759.40	14.58	2.42	84.10	1.54	
11:59	6.4		7.01	758.70	14.58	2.25	83.30	1.50	
12:02	7.0		7.01	759.00	14.55	2.11	82.50	1.40	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/29/2025 12:02
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.01 pH 759.00 Spec. Cond. 14.55 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 16.45 feet below TOC Drawdown: 2.26 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G120
Project Location:	Coffeen, IL	**Sample ID:**	015
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 73 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 12:10

Static Water Level: 14.11 feet below TOC
Total Depth: 26.70 feet below TOC
Water Column: 12.59 feet

Purging Activities

Purged By: JC — Purge Date: 4/29/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 12.59 ft. x 0.022 = 0.28 L x 3 Vol. = 0.84 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:11	0.0	250	purge start time						
12:18	1.8	↓	7.05	923.70	14.10	6.83	98.10	4.75	
12:21	2.5		7.03	925.10	14.02	6.74	99.40	4.81	
12:24	3.3		7.02	925.00	14.03	6.67	100.50	4.74	
12:27	4.0		7.01	925.70	14.03	6.63	101.50	5.22	

Sampling Activities

Sampled By: JC — Sample Date/Time: 4/29/2025 12:27
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.01 pH — 925.70 Spec. Cond. — 14.03 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 17.91 feet below TOC — Drawdown: 3.80 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 4/29/2025

Field Data Sheet

Project Name: COF-25Q2 | **Monitoring Point:** G121
Project Location: Coffeen, IL | **Sample ID:** 016
W.O. Number (s): 25041418 | **Date (s):** 4/29/2025

Field Team Members

Name: Justin Colp | Affiliation: TekLab, Inc.
Name: | Affiliation:

Weather Conditions

Temp: 74 °F | Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy | Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 12:34

Static Water Level: 13.42 feet below TOC
Total Depth: 29.10 feet below TOC
Water Column: 15.68 feet

Purging Activities

Purged By: JC | Purge Date: 4/29/2025
Purge Method: Bladder Pump | Well Diameter: 2"
Purge Volume Calculation (L): 15.68 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear | Odor: None | Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:35	0.0	194	purge start time						
12:44	1.8	↓	6.94	1,022.90	13.95	6.54	111.40	3.78	
12:47	2.3		6.91	1,023.00	13.86	6.37	112.00	4.02	
12:50	2.9		6.90	1,016.00	14.47	6.19	112.20	3.62	
12:53	3.5		6.89	1,017.60	15.44	6.08	112.20	3.88	

Sampling Activities

Sampled By: JC | Sample Date/Time: 4/29/2025 12:53
Sample Method: Low Flow | Sample Equipment: Bladder Pump
Sample Parameters: 6.89 pH | 1,017.60 Spec. Cond. | 15.44 Temp
Field Filtered: Yes | Filter Type: Inline Disposable
Water Level: T.O.P feet below TOC | Drawdown: #VALUE! feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp | **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G122
Project Location:	Coffeen, IL	**Sample ID:**	017
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 72 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 13:05

Static Water Level: 10.38 feet below TOC
Total Depth: 26.50 feet below TOC
Water Column: 16.12 feet

Purging Activities

Purged By: JC — Purge Date: 4/29/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 16.12 ft. x 0.022 = 0.35 L x 3 Vol. = 1.05 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 1.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:06	0.0	62	purge start time						
13:09	0.2	↓	6.94	1,165.00	14.33	7.55	120.80	4.72	
13:12	0.4		6.84	1,159.40	15.33	6.35	121.40	4.54	
13:15	0.6		6.80	1,163.80	15.87	5.58	121.20	4.54	
13:18	0.8		6.79	1,170.30	16.14	5.10	120.90	4.48	
13:21	0.9		6.78	1,174.20	16.12	4.77	120.70	5.67	
13:24	1.1		6.78	1,173.70	16.12	4.51	120.60	6.66	
13:27	1.3		6.78	1,172.60	15.85	4.35	120.60	10.17	
13:30	1.5		6.77	1,171.90	15.59	4.20	120.60	11.20	

Sampling Activities

Sampled By: JC — Sample Date/Time: 4/29/2025 13:30
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.77 pH — 1,171.90 Spec. Cond. — 15.59 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: T.O.P feet below TOC — Drawdown: #VALUE! feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G123
Project Location:	Coffeen, IL	**Sample ID:**	018
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 57 °F — Wind Direction: ☐ N ☑ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 12:43

Static Water Level: 8.80 feet below TOC
Total Depth: 30.90 feet below TOC
Water Column: 22.10 feet

Purging Activities

Purged By: JC — Purge Date: 5/5/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 22.1 ft. x 0.022 = 0.49 L x 3 Vol. = 1.47 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:44	0.0	200	purge start time						
12:51	1.4	↓	6.91	751.00	14.97	3.99	83.70	5.50	
12:54	2.0		6.87	756.10	14.83	3.43	84.60	5.28	
12:57	2.6		6.85	762.00	14.69	3.09	85.50	5.97	
13:00	3.2		6.83	795.30	14.58	2.86	87.30	5.52	
13:03	3.8		6.83	851.50	14.49	2.67	88.70	4.47	
13:06	4.4		6.83	905.20	14.52	2.53	89.60	3.64	
13:09	5.0		6.83	927.60	14.71	2.40	89.80	3.97	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/5/2025 13:09
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.83 pH — 927.60 Spec. Cond. — 14.71 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 9.34 feet below TOC — Drawdown: 0.54 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/5/2025

Field Data Sheet

Project Name: COF-25Q2
Project Location: Coffeen, IL
W.O. Number (s): 25041418
Monitoring Point: G124
Sample ID: 019
Date (s): 5/1/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 69 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 13:09
Static Water Level: 9.60 feet below TOC
Total Depth: 26.70 feet below TOC
Water Column: 17.10 feet

Purging Activities

Purged By: JC — Purge Date: 5/1/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 17.1 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:09	0.0	195	purge start time						
13:14	1.0	↓	7.02	1,038.50	14.43	7.18	102.40	2.85	
13:17	1.6		6.99	1,039.30	14.37	6.48	102.60	3.31	
13:20	2.1		6.97	1,034.70	14.25	6.05	102.30	4.27	
13:23	2.7		6.96	1,033.70	14.30	5.72	102.10	5.20	
13:26	3.3		6.96	1,030.40	14.33	5.45	101.80	5.55	
13:29	3.9		6.95	1,026.00	14.20	5.22	101.40	6.25	
13:32	4.5		6.94	1,024.20	14.17	4.99	101.30	7.13	
13:35	5.1		6.94	1,019.80	14.09	4.78	101.00	7.68	
13:38	5.7		6.93	1,020.10	14.18	4.60	100.90	4.37	
13:41	6.2		6.93	1,018.60	14.21	4.41	100.70	4.62	
13:44	6.8		6.93	1,017.50	14.25	4.27	100.60	6.16	
13:47	7.4		6.92	1,014.10	14.23	4.15	100.40	4.67	
13:50	8.0		6.92	1,011.30	14.21	4.03	100.10	5.10	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/1/2025 13:50
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.92 pH — 1,011.30 Spec. Cond. — 14.21 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 10.83 feet below TOC — Drawdown: 1.23 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G125
Project Location:	Coffeen, IL	**Sample ID:**	020
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 58 °F — Wind Direction: ☐ N ☑ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good			
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 13:20
Static Water Level: 9.52 feet below TOC
Total Depth: 26.70 feet below TOC
Water Column: 17.18 feet

Purging Activities

Purged By: JC — Purge Date: 5/5/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 17.18 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:20	0.0	217	purge start time						
13:31	2.4	↓	7.06	1,018.60	14.41	4.73	100.60	15.24	
13:34	3.0		7.05	1,020.80	14.29	4.57	100.50	7.64	
13:37	3.7		7.04	1,021.00	14.35	4.43	100.40	5.65	
13:40	4.3		7.04	1,022.90	14.31	4.32	100.20	4.97	
13:43	5.0		7.04	1,022.70	14.14	4.24	100.20	3.88	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/5/2025 13:43
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 7.04 pH — 1,022.70 Spec. Cond. — 14.14 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 12.54 feet below TOC — Drawdown: 3.02 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G126
Project Location:	Coffeen, IL	**Sample ID:**	021
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 74 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 12:57
Static Water Level: 7.89 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 12.51 feet

Purging Activities

Purged By: BG — Purge Date: 4/29/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 12.51 ft. x 0.022 = 0.28 L x 3 Vol. = 0.84 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:57	0.0	217	purge start time						
13:08	2.4	↓	7.18	769.40	14.82	2.08	131.50	3.15	
13:11	3.0		7.11	773.50	14.59	1.82	132.20	3.26	
13:14	3.7		7.08	773.60	14.50	1.67	132.00	3.59	
13:17	4.3		7.08	775.70	13.99	1.56	130.80	3.71	
13:20	5.0		7.06	773.70	13.97	1.47	130.40	3.88	

Sampling Activities

Sampled By: BG — Sample Date/Time: 4/29/2025 13:20
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH — 773.70 Spec. Cond. — 13.97 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 7.99 feet below TOC — Drawdown: 0.10 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan — **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G151
Project Location:	Coffeen, IL	**Sample ID:**	022
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 9:24
Static Water Level: 10.33 feet below TOC
Total Depth: 23.60 feet below TOC
Water Column: 13.27 feet

Purging Activities

Purged By: BG Purge Date: 4/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.27 ft. x 0.022 = 0.29 L x 3 Vol. = 0.87 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:24	0.0	320	purge start time						
9:40	5.1	↓	6.91	905.10	14.53	3.61	125.60	11.14	
9:43	6.1		6.93	902.30	14.50	3.29	123.80	11.37	
9:46	7.0		6.93	902.20	14.48	2.99	122.40	18.58	
9:49	8.0		6.94	903.10	14.50	2.72	121.20	5.59	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/29/2025 9:49
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.94 pH 903.10 Spec. Cond. 14.50 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.38 feet below TOC Drawdown: 0.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G152
Project Location:	Coffeen, IL	**Sample ID:**	023
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 67 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 11:33
Static Water Level: 8.51 feet below TOC
Total Depth: 22.00 feet below TOC
Water Column: 13.49 feet

Purging Activities

Purged By: JC — Purge Date: 5/7/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 13.49 ft. x 0.022 = 0.3 L x 3 Vol. = 0.9 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:34	0.0	200	purge start time						
11:41	1.4	↓	7.14	868.30	18.15	5.62	69.40	6.40	
11:44	2.0		7.12	867.40	17.83	5.38	71.40	8.69	
11:47	2.6		7.11	862.10	17.88	5.18	72.90	5.87	
11:50	3.2		7.09	860.80	18.22	4.97	74.20	6.91	
11:53	3.8		7.08	860.40	18.50	4.78	75.00	7.17	
11:56	4.4		7.08	852.80	17.68	4.62	76.30	7.42	
11:59	5.0		7.08	850.20	17.25	4.50	77.70	6.78	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/7/2025 11:59
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 7.08 pH — 850.20 Spec. Cond. — 17.25 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 11.68 feet below TOC — Drawdown: 3.17 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G153
Project Location:	Coffeen, IL	**Sample ID:**	024
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 74 °F Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 11:50
Static Water Level: 10.11 feet below TOC
Total Depth: 23.90 feet below TOC
Water Column: 13.79 feet

Purging Activities

Purged By: BG Purge Date: 4/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.79 ft. x 0.022 = 0.3 L x 3 Vol. = 0.9 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:50	0.0	240	purge start time						
12:03	3.1	↓	6.63	3,534.30	13.76	1.74	149.10	100.37	
12:06	3.8		6.62	3,558.00	13.76	1.62	146.90	156.10	
12:09	4.6		6.62	3,568.50	13.83	1.54	144.90	115.11	
12:12	5.3		6.61	3,578.90	13.71	1.43	142.80	133.31	
12:15	6.0		6.61	3,594.70	13.68	1.27	140.70	173.69	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/29/2025 12:15
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.61 pH 3,594.70 Spec. Cond. 13.68 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.74 feet below TOC Drawdown: 0.63 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G154
Project Location:	Coffeen, IL	**Sample ID:**	025
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 11:05
Static Water Level: 7.92 feet below TOC
Total Depth: 22.80 feet below TOC
Water Column: 14.88 feet

Purging Activities

Purged By: BG — Purge Date: 4/29/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 14.88 ft. x 0.022 = 0.33 L x 3 Vol. = 0.99 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Cloudy — Odor: None — Color: LtBrown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:05	0.0	261	purge start time						
11:16	2.9	↓	7.33	656.90	15.23	3.35	128.10	85.37	
11:19	3.7		7.29	655.60	14.99	3.10	126.90	92.76	
11:22	4.4		7.26	655.10	15.18	2.95	127.40	93.25	
11:25	5.2		7.25	655.60	15.19	2.85	127.20	98.07	
11:28	6.0		7.23	655.20	15.07	2.78	127.30	102.49	

Sampling Activities

Sampled By: BG — Sample Date/Time: 4/29/2025 11:28
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.23 pH — 655.20 Spec. Cond. — 15.07 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 8.32 feet below TOC — Drawdown: 0.40 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan — **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G155
Project Location:	Coffeen, IL	**Sample ID:**	026
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 10:12
Static Water Level: 9.79 feet below TOC
Total Depth: 26.20 feet below TOC
Water Column: 16.41 feet

Purging Activities

Purged By: BG Purge Date: 4/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.41 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:12	0.0	190	purge start time						
10:29	3.2	↓	7.14	993.90	15.12	3.73	141.10	67.27	
10:32	3.8		7.10	993.10	15.20	3.30	140.00	59.77	
10:35	4.4		7.09	990.90	15.35	3.02	138.80	50.53	
10:38	4.9		7.08	990.00	15.06	2.74	137.60	38.63	
10:41	5.5		7.07	989.40	15.03	2.41	137.20	31.48	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/29/2025 10:41
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.07 pH 989.40 Spec. Cond. 15.03 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.86 feet below TOC Drawdown: 0.07 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G200
Project Location:	Coffeen, IL	**Sample ID:**	027
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °F — Wind Direction: ☐ N ☑ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good			
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 10:13
Static Water Level: 2.15 feet below TOC
Total Depth: 20.70 feet below TOC
Water Column: 18.55 feet

Purging Activities

Purged By: JC — Purge Date: 5/5/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 18.55 ft. x 0.022 = 0.41 L x 3 Vol. = 1.23 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:14	0.0	241	purge start time						
10:19	1.2	↓	6.66	1,392.10	13.77	5.69	50.90	34.37	
10:22	1.9		6.66	1,392.30	14.25	4.59	41.60	46.86	
10:25	2.7		6.68	1,393.70	13.61	3.94	36.90	39.90	
10:28	3.4		6.70	1,393.70	13.27	3.51	34.20	29.20	
10:31	4.1		6.71	1,391.60	13.10	3.19	32.60	24.60	
10:34	4.8		6.72	1,390.50	13.39	2.95	31.60	20.61	
10:37	5.6		6.73	1,391.10	13.71	2.77	31.00	17.67	
10:40	6.3		6.73	1,391.20	14.14	2.63	30.70	18.84	
10:43	7.0		6.74	1,391.80	14.16	2.50	30.60	20.78	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/5/2025 10:43
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.74 pH — 1,391.80 Spec. Cond. — 14.16 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 2.82 feet below TOC — Drawdown: 0.67 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G206
Project Location:	Coffeen, IL	**Sample ID:**	028
W.O. Number (s):	25041418	**Date (s):**	4/30/2025

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/30/2025 11:03
Static Water Level: 10.26 feet below TOC
Total Depth: 26.30 feet below TOC
Water Column: 16.04 feet

Purging Activities

Purged By: BG — Purge Date: 4/30/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 16.04 ft. x 0.022 = 0.35 L x 3 Vol. = 1.05 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Cloudy — Odor: Strong — Color: Clrear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:03	0.0	250	purge start time						
11:19	4.0	↓	7.18	927.10	13.80	0.70	-107.30	13.13	
11:22	4.8		7.17	939.90	13.86	0.64	-108.90	22.83	
11:25	5.5		7.16	951.80	13.95	0.59	-110.10	27.88	
11:28	6.3		7.15	964.90	13.98	0.56	-111.40	41.86	
11:31	7.0		7.15	978.20	14.02	0.53	-112.50	105.38	

Sampling Activities

Sampled By: BG — Sample Date/Time: 4/30/2025 11:31
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.15 pH — 978.20 Spec. Cond. — 14.02 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 10.46 feet below TOC — Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan — **Date:** 4/30/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G206D
Project Location:	Coffeen, IL	**Sample ID:**	029
W.O. Number (s):	25041418	**Date (s):**	4/30/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 58 °F Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☐ Light ☑ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/30/2025 9:54
Static Water Level: 24.94 feet below TOC
Total Depth: 62.12 feet below TOC
Water Column: 37.18 feet

Purging Activities

Purged By: BG Purge Date: 4/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 37.18 ft. x 0.022 = 0.82 L x 3 Vol. = 2.46 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:54	0.0	163	purge start time						
10:10	2.6	↓	7.23	928.30	14.25	1.24	24.00	669.82	
10:13	3.1		7.22	923.50	14.26	1.04	6.70	906.16	
10:22	4.6		7.21	939.80	14.18	0.85	-17.00	135.44	
10:25	5.0		7.23	936.30	14.13	1.39	-15.70	181.48	
10:28	5.5		7.22	935.90	14.33	1.34	-17.70	243.09	
10:31	6.0		7.22	934.30	14.37	1.26	-19.40	307.94	
10:34	6.5		7.22	934.20	14.41	1.20	-20.90	324.78	
10:37	7.0		7.22	933.90	14.41	1.15	-22.30	299.79	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/30/2025 10:37
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.22 pH 933.90 Spec. Cond. 14.41 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 25.26 feet below TOC Drawdown: 0.32 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 4/30/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G207
Project Location:	Coffeen, IL	**Sample ID:**	030
W.O. Number (s):	25041418	**Date (s):**	4/30/2025

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 61 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/30/2025 11:53
Static Water Level: 9.84 feet below TOC
Total Depth: 26.60 feet below TOC
Water Column: 16.76 feet

Purging Activities

Purged By: BG — Purge Date: 4/30/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 16.76 ft. x 0.022 = 0.37 L x 3 Vol. = 1.11 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear — Odor: None — Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:53	0.0	148	purge start time						
12:08	2.2	↓	7.35	651.10	14.02	4.94	56.30	0.73	
12:11	2.7		7.31	650.50	14.05	4.61	57.20	0.62	
12:14	3.1		7.29	650.10	14.04	4.37	58.00	0.57	
12:17	3.6		7.27	649.90	13.97	4.20	58.80	0.59	
12:20	4.0		7.25	649.60	13.88	3.95	59.80	0.57	

Sampling Activities

Sampled By: BG — Sample Date/Time: 4/30/2025 12:20
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 7.25 pH — 649.60 Spec. Cond. — 13.88 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 9.84 feet below TOC — Drawdown: 0.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan — **Date:** 4/30/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G208
Project Location:	Coffeen, IL	**Sample ID:**	031
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 65 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 9:01

Static Water Level: 9.43 feet below TOC
Total Depth: 26.60 feet below TOC
Water Column: 17.17 feet

Purging Activities

Purged By: BG Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.17 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:01	0.0	250	purge start time						
9:09	2.0	↓	7.00	547.90	13.87	5.71	114.90	0.31	
9:12	2.8		7.01	545.60	13.83	5.40	115.80	0.54	
9:15	3.5		7.03	544.80	13.84	5.21	115.40	0.42	
9:18	4.3		7.06	542.50	13.86	5.07	115.00	0.39	
9:21	5.0		7.07	542.00	13.84	4.92	115.00	0.24	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/1/2025 9:21
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.84 pH 1,164.20 Spec. Cond. 13.94 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.46 feet below TOC Drawdown: 0.03 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G209
Project Location:	Coffeen, IL	**Sample ID:**	032
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 64 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 9:36
Static Water Level: 9.28 feet below TOC
Total Depth: 25.50 feet below TOC
Water Column: 16.22 feet

Purging Activities

Purged By: BG Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.22 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:36	0.0	217	purge start time						
9:47	2.4	↓	6.83	1,165.00	13.90	1.10	124.20	5.59	
9:50	3.0		6.81	1,166.20	13.98	0.93	115.70	3.84	
9:53	3.7		6.78	1,167.00	14.02	0.81	105.10	2.74	
9:56	4.3		6.76	1,168.20	14.03	0.74	94.30	3.93	
9:59	5.0		6.75	1,168.80	14.11	0.69	84.50	5.02	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/1/2025 9:59
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.75 pH 1,168.80 Spec. Cond. 14.11 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.37 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G210
Project Location:	Coffeen, IL	**Sample ID:**	033
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.

Name: Affiliation:

Weather Conditions

Temp: 64 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 10:34

Static Water Level: 9.26 feet below TOC
Total Depth: 27.50 feet below TOC
Water Column: 18.24 feet

Purging Activities

Purged By: BG Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.24 ft. x 0.022 = 0.4 L x 3 Vol. = 1.2 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:34	0.0	179	purge start time						
10:50	2.9	↓	7.08	886.00	14.51	0.88	121.70	39.68	
10:53	3.4		7.07	886.60	14.55	0.79	121.30	35.05	
10:56	3.9		7.07	887.20	14.61	0.73	120.90	33.02	
10:59	4.5		7.06	887.90	14.64	0.68	120.60	27.54	
11:02	5.0		7.06	888.70	14.65	0.64	120.20	26.23	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/1/2025 11:02
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH 888.70 Spec. Cond. 14.65 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.45 feet below TOC Drawdown: 0.19 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G211
Project Location:	Coffeen, IL	**Sample ID:**	034
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 12:47

Static Water Level: 9.02 feet below TOC
Total Depth: 26.30 feet below TOC
Water Column: 17.28 feet

Purging Activities

Purged By: BG Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.28 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:47	0.0	231	purge start time						
13:01	3.2	↓	7.14	773.30	15.12	1.02	113.70	32.66	
13:04	3.9		7.14	772.30	15.07	0.99	111.50	74.74	
13:07	4.6		7.14	773.40	15.08	0.98	109.70	76.29	
13:10	5.3		7.14	772.50	15.09	0.96	107.70	170.31	
13:13	6.0		7.14	772.40	15.16	0.94	105.80	154.46	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/1/2025 13:13
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.14 pH 772.40 Spec. Cond. 15.16 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.18 feet below TOC Drawdown: 0.16 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G212
Project Location:	Coffeen, IL	**Sample ID:**	035
W.O. Number (s):	25041418	**Date (s):**	5/2/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 62 °F Wind Direction: ☐ N ☑ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/2/2025 8:58

Static Water Level: 9.76 feet below TOC
Total Depth: 82.00 feet below TOC
Water Column: 72.24 feet

Purging Activities

Purged By: BG Purge Date: 5/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 72.24 ft. x 0.022 = 1.59 L x 3 Vol. = 4.77 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
8:58	0.0	214	purge start time						
9:14	3.4	↓	6.77	686.60	14.18	0.91	126.20	16.26	
9:17	4.1		6.79	687.40	14.20	0.81	125.40	16.25	
9:20	4.7		6.80	687.40	14.23	0.75	124.30	19.96	
9:23	5.4		6.81	687.30	14.20	0.70	123.20	22.51	
9:26	6.0		6.82	687.50	14.21	0.66	122.20	24.54	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/2/2025 9:26
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.82 pH 687.50 Spec. Cond. 14.21 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.88 feet below TOC Drawdown: 0.12 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 5/2/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G213
Project Location:	Coffeen, IL	**Sample ID:**	036
W.O. Number (s):	25041418	**Date (s):**	5/2/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 64 °F Wind Direction: ☐ N ☑ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/2/2025 9:44

Static Water Level: 10.25 feet below TOC
Total Depth: 82.00 feet below TOC
Water Column: 71.75 feet

Purging Activities

Purged By: BG Purge Date: 5/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 71.75 ft. x 0.022 = 1.58 L x 3 Vol. = 4.74 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:44	0.0	333	purge start time						
9:53	3.0	↓	6.95	667.20	14.08	3.27	125.60	7.65	
9:56	4.0		6.93	666.60	14.21	2.98	126.20	9.51	
9:59	5.0		6.91	666.70	14.17	2.75	126.60	11.53	
10:02	6.0		6.90	664.90	14.18	2.53	126.80	15.01	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/2/2025 10:02
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH 664.90 Spec. Cond. 14.18 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.86 feet below TOC Drawdown: 0.61 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344

Form Completed By: Brett Gillihan **Date:** 5/2/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G214
Project Location:	Coffeen, IL	**Sample ID:**	037
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 10:54
Static Water Level: 13.78 feet below TOC
Total Depth: 26.50 feet below TOC
Water Column: 12.72 feet

Purging Activities

Purged By: DC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 12.72 ft. x 0.022 = 0.28 L x 3 Vol. = 0.84 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 10.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:52	0.0	227	purge start time						
11:24	7.3	↓	6.99	1,093.30	14.20	1.96	181.60	15.73	
11:27	8.0		6.98	1,094.70	14.28	1.75	182.00	16.75	
11:30	8.6		6.98	1,095.10	14.54	1.63	182.10	19.21	
11:33	9.3		6.97	1,095.50	14.75	1.62	182.20	21.94	
11:36	10.0		6.97	1,098.30	14.75	1.54	182.20	18.99	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/6/2025 11:36
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.97 pH — 1,098.30 Spec. Cond. — 14.75 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 15.23 feet below TOC — Drawdown: 1.45 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G215
Project Location:	Coffeen, IL	**Sample ID:**	038
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 13:49
Static Water Level: 12.89 feet below TOC
Total Depth: 26.90 feet below TOC
Water Column: 14.01 feet

Purging Activities

Purged By: DC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.01 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.50 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:49	0.0	119	purge start time						
13:58	1.1	↓	6.88	694.80	15.52	1.22	188.30	19.59	
14:01	1.4		6.87	691.80	15.36	1.14	189.10	26.23	
14:04	1.8		6.86	690.20	15.23	1.09	189.80	30.25	
14:07	2.1		6.86	688.50	15.19	1.05	190.40	31.92	
14:10	2.5		6.85	689.50	15.74	1.02	190.70	49.51	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/1/2025 14:10
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.85 pH 689.50 Spec. Cond. 15.74 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.32 feet below TOC Drawdown: 0.43 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton Yoch **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G216
Project Location:	Coffeen, IL	**Sample ID:**	039
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 69 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 13:07
Static Water Level: 12.23 feet below TOC
Total Depth: 28.50 feet below TOC
Water Column: 16.27 feet

Purging Activities

Purged By: DC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.27 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 13.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Light Orange

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:06	0.0	406	purge start time						
13:26	8.1	↓	6.89	773.40	14.68	2.53	180.20	32.17	
13:29	9.3		6.89	772.50	14.82	2.46	180.90	33.49	
13:32	10.6		6.89	769.10	14.85	2.44	181.60	30.34	
13:35	11.8		6.90	769.30	14.81	2.47	182.30	30.85	
13:38	13.0		6.90	767.40	14.96	2.45	182.90	27.54	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/1/2025 13:38
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH 767.40 Spec. Cond. 14.96 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.31 feet below TOC Drawdown: 1.08 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G217
Project Location:	Coffeen, IL	**Sample ID:**	040
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 12:31
Static Water Level: 13.47 feet below TOC
Total Depth: 28.40 feet below TOC
Water Column: 14.93 feet

Purging Activities

Purged By: DC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.93 ft. x 0.022 = 0.33 L x 3 Vol. = 0.99 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: Slight Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:31	0.0	154	purge start time						
12:45	2.2	↓	6.82	859.00	15.32	0.83	164.90	20.37	
12:48	2.6		6.82	864.50	15.56	0.77	164.40	16.15	
12:51	3.1		6.81	871.00	15.91	0.74	163.80	14.31	
12:54	3.5		6.81	879.70	16.08	0.71	163.30	15.61	
12:57	4.0		6.80	882.70	16.11	0.69	162.80	16.59	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/1/2025 12:57
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.80 pH 882.70 Spec. Cond. 16.11 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.94 feet below TOC Drawdown: 0.47 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton Yoch **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G218
Project Location:	Coffeen, IL	**Sample ID:**	041
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 11:49
Static Water Level: 12.34 feet below TOC
Total Depth: 28.50 feet below TOC
Water Column: 16.16 feet

Purging Activities

Purged By: DC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.16 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:50	0.0	117	purge start time						
12:08	2.1	↓	6.85	1,365.80	16.06	0.96	165.10	12.57	
12:11	2.4		6.84	1,363.40	15.75	0.85	164.80	13.39	
12:14	2.8		6.83	1,367.80	15.65	0.77	164.40	11.80	
12:17	3.2		6.82	1,372.30	16.07	0.73	163.90	12.37	
12:20	3.5		6.82	1,376.40	16.34	0.71	163.40	11.88	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/1/2025 12:20
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.82 pH 1,376.40 Spec. Cond. 16.34 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.76 feet below TOC Drawdown: 0.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Date: 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G270
Project Location:	Coffeen, IL	**Sample ID:**	042
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 64 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 10:03
Static Water Level: 2.25 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 18.15 feet

Purging Activities

Purged By: JC — Purge Date: 5/7/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 18.15 ft. x 0.022 = 0.4 L x 3 Vol. = 1.2 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:03	0.0	237	purge start time						
10:10	1.7	↓	6.99	782.00	12.96	4.34	63.00	4.94	
10:13	2.4		6.95	781.00	12.88	3.66	63.00	5.05	
10:16	3.1		6.92	779.20	12.88	3.25	62.90	4.18	
10:19	3.8		6.91	780.40	12.77	3.00	62.90	4.16	
10:22	4.5		6.90	779.80	12.76	2.81	62.80	3.11	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/7/2025 10:22
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH — 779.80 Spec. Cond. — 12.76 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 3.30 feet below TOC — Drawdown: 1.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G271
Project Location:	Coffeen, IL	**Sample ID:**	043
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 9:14
Static Water Level: 7.87 feet below TOC
Total Depth: 18.70 feet below TOC
Water Column: 10.83 feet

Purging Activities

Purged By: JC — Purge Date: 5/7/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 10.83 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:16	0.0	191	purge start time						
9:23	1.3	↓	6.94	1,057.90	13.70	6.99	72.70	6.27	
9:26	1.9		6.87	1,078.60	13.85	6.19	66.40	4.68	
9:29	2.5		6.83	1,099.90	14.01	5.42	62.30	4.17	
9:32	3.1		6.81	1,116.20	14.08	4.74	59.50	3.68	
9:35	3.6		6.79	1,129.10	14.17	4.16	57.60	3.54	
9:38	4.2		6.79	1,135.50	14.30	3.71	56.30	3.17	
9:41	4.8		6.79	1,140.40	14.05	3.36	55.30	3.06	
9:44	5.4		6.79	1,141.30	14.22	3.08	54.70	2.59	
9:47	5.9		6.79	1,143.30	13.92	2.94	54.30	2.34	
9:50	6.5		6.80	1,140.30	13.79	2.80	54.10	2.68	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/7/2025 9:50
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.80 pH — 1,140.30 Spec. Cond. — 13.79 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 9.41 feet below TOC — Drawdown: 1.54 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: [signature] — **Date:** 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G272
Project Location:	Coffeen, IL	**Sample ID:**	044
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 51 °F — Wind Direction: ☑ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good			
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 9:19
Static Water Level: 6.92 feet below TOC
Total Depth: 17.40 feet below TOC
Water Column: 10.48 feet

Purging Activities

Purged By: DC — Purge Date: 5/5/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 10.48 ft. x 0.022 = 0.23 L x 3 Vol. = 0.69 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 11.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:18	0.0	190	purge start time						
10:04	8.7	↓	7.00	1,298.90	13.18	1.87	186.40	1.84	
10:07	9.3		7.00	1,301.40	13.25	1.83	186.20	1.83	
10:10	9.9		7.00	1,301.40	13.29	1.79	185.90	1.64	
10:13	10.4		7.00	1,302.60	13.34	1.75	185.60	1.73	
10:16	11.0		7.00	1,304.40	13.38	1.74	185.30	1.68	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/5/2025 10:16
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.00 pH — 1,304.40 Spec. Cond. — 13.38 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 8.34 feet below TOC — Drawdown: 1.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G273
Project Location:	Coffeen, IL	**Sample ID:**	045
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Payton Yoch — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °F — Wind Direction: ☑ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 10:30
Static Water Level: 7.86 feet below TOC
Total Depth: 18.90 feet below TOC
Water Column: 11.04 feet

Purging Activities

Purged By: PY — Purge Date: 5/5/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 11.04 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 9.50 L
Physical appearance of purge water: Clear — Odor: Moderate — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:33	0.0	339	purge start time						
10:49	5.4	↓	6.92	1,509.90	13.35	0.75	178.60	5.55	
10:52	6.4		6.91	1,514.60	13.43	0.73	178.70	5.07	
10:55	7.5		6.91	1,519.30	13.48	0.69	178.70	4.75	
10:58	8.5		6.91	1,524.10	13.42	0.66	178.80	4.47	
11:01	9.5		6.91	1,525.60	13.47	0.64	178.70	4.24	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/5/2025 11:01
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.91 pH — 1,525.60 Spec. Cond. — 13.47 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 8.79 feet below TOC — Drawdown: 0.93 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G274
Project Location:	Coffeen, IL	**Sample ID:**	046
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 9:22
Static Water Level: 12.47 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 7.93 feet

Purging Activities

Purged By: TC Purge Date: 4/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 7.93 ft. x 0.022 = 0.17 L x 3 Vol. = 0.51 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:21	0.0	160	purge start time						
9:34	2.1	↓	6.72	1,031.20	14.96	1.03	111.40	11.59	
9:37	2.6		6.75	1,032.50	14.90	0.90	105.40	8.41	
9:40	3.0		6.75	1,034.50	14.89	0.84	101.60	5.84	
9:43	3.5		6.78	1,038.60	14.85	0.81	97.80	5.02	
9:46	4.0		6.80	1,040.70	14.83	0.80	94.60	3.38	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/29/2025 9:46
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.80 pH 1,040.70 Spec. Cond. 14.83 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.81 feet below TOC Drawdown: 0.34 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G275
Project Location:	Coffeen, IL	**Sample ID:**	047
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Payton Yoch — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 72 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 11:22
Static Water Level: 12.23 feet below TOC
Total Depth: 15.30 feet below TOC
Water Column: 3.07 feet

Purging Activities

Purged By: PY — Purge Date: 4/29/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 3.07 ft. x 0.022 = 0.07 L x 3 Vol. = 0.21 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:24	0.0	189	purge start time						
11:40	3.0	↓	6.97	451.80	14.28	5.22	129.30	3.78	
11:43	3.6		6.95	474.00	14.24	4.33	128.90	3.30	
11:46	4.2		6.92	484.90	14.22	3.80	128.10	2.19	
11:49	4.7		6.90	496.60	14.17	3.41	127.70	2.16	
11:52	5.3		6.89	509.60	14.15	3.21	127.20	1.89	
11:55	5.9		6.89	521.80	14.12	3.08	126.90	1.80	
11:58	6.4		6.89	531.30	13.97	3.01	126.40	1.69	
12:01	7.0		6.88	543.80	13.94	2.92	126.40	1.72	

Sampling Activities

Sampled By: TC — Sample Date/Time: 4/29/2025 12:01
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.88 pH — 543.80 Spec. Cond. — 13.94 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 13.20 feet below TOC — Drawdown: 0.97 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G275D
Project Location:	Coffeen, IL	**Sample ID:**	048
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Payton Yoch — Affiliation: TekLab, Inc.
Name: Tracy Carroll — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 10:06
Static Water Level: 36.16 feet below TOC
Total Depth: 62.70 feet below TOC
Water Column: 26.54 feet

Purging Activities

Purged By: PY — Purge Date: 4/29/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 26.54 ft. x 0.022 = 0.58 L x 3 Vol. = 1.74 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.90 L
Physical appearance of purge water: Cloudy — Odor: Strong — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:12	0.0	126	purge start time						
10:31	2.4	↓	7.02	732.10	16.51	1.30	125.60	14.28	
10:34	2.8		7.03	730.40	16.54	1.21	125.50	21.33	
10:37	3.1		7.03	729.40	16.44	1.13	125.30	21.86	
10:40	3.5		7.04	729.20	16.76	1.06	125.00	25.95	
10:43	3.9		7.05	735.80	17.20	1.02	124.10	8.31	

Sampling Activities

Sampled By: TC — Sample Date/Time: 4/29/2025 10:43
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.05 pH — 735.80 Spec. Cond. — 17.20 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 41.85 feet below TOC — Drawdown: 5.69 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G276
Project Location:	Coffeen, IL	**Sample ID:**	049
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 72 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☑ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 12:44
Static Water Level: 25.99 feet below TOC
Total Depth: 30.90 feet below TOC
Water Column: 4.91 feet

Purging Activities

Purged By: TC — Purge Date: 4/29/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 4.91 ft. x 0.022 = 0.11 L x 3 Vol. = 0.33 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:47	0.0	180	purge start time						
13:00	2.3	↓	6.98	709.90	17.38	4.90	144.10	2.29	
13:03	2.9		6.98	718.40	17.04	4.97	143.90	1.77	
13:06	3.4		6.98	721.00	17.17	4.95	143.90	1.65	
13:09	4.0		6.97	730.50	17.29	4.99	143.80	1.52	
13:12	4.5		6.96	736.80	17.34	4.91	143.60	1.34	

Sampling Activities

Sampled By: TC — Sample Date/Time: 4/29/2025 13:12
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.96 pH — 736.80 Spec. Cond. — 17.34 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 27.21 feet below TOC — Drawdown: 1.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G277
Project Location:	Coffeen, IL	**Sample ID:**	050
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 54 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☑ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 11:30
Static Water Level: 18.58 feet below TOC
Total Depth: 22.30 feet below TOC
Water Column: 3.72 feet

Purging Activities

Purged By: DC Purge Date: 5/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 3.72 ft. x 0.022 = 0.08 L x 3 Vol. = 0.24 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 9.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:30	0.0	191	purge start time						
12:05	6.7	↓	6.70	2,090.90	13.77	3.25	190.00	3.72	
12:08	7.3		6.69	2,100.90	13.70	3.23	190.20	3.01	
12:11	7.9		6.69	2,114.60	13.66	3.13	190.30	2.87	
12:14	8.4		6.69	2,123.80	13.65	3.06	190.40	3.01	
12:17	9.0		6.69	2,131.20	13.60	3.06	190.50	2.46	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/5/2025 12:17
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.69 pH 2,131.20 Spec. Cond. 13.60 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 18.75 feet below TOC Drawdown: 0.17 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton Yoch **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G278
Project Location:	Coffeen, IL	**Sample ID:**	051
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 67 °F Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 10:45
Static Water Level: 20.99 feet below TOC
Total Depth: 26.40 feet below TOC
Water Column: 5.41 feet

Purging Activities

Purged By: DC Purge Date: 5/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 5.41 ft. x 0.022 = 0.12 L x 3 Vol. = 0.36 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:48	0.0	217	purge start time						
10:59	2.4	↓	6.78	3,434.20	19.04	2.45	212.20	2.29	
11:02	3.0		6.78	3,498.40	19.27	2.42	211.90	2.08	
11:05	3.7		6.77	3,579.00	19.07	2.34	212.00	2.01	
11:08	4.3		6.77	3,661.60	18.67	2.25	211.90	1.87	
11:11	5.0		6.76	3,682.10	18.68	2.24	211.90	1.46	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/7/2025 11:11
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.76 pH 3,682.10 Spec. Cond. 18.68 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 21.98 feet below TOC Drawdown: 0.99 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Date: 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G279
Project Location:	Coffeen, IL	**Sample ID:**	052
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 57 °F — Wind Direction: ☑ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 12:33

Static Water Level: 19.89 feet below TOC
Total Depth: 30.80 feet below TOC
Water Column: 10.91 feet

Purging Activities

Purged By: DC — Purge Date: 5/5/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 10.91 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 9.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:32	0.0	237	purge start time						
12:55	5.4	↓	6.92	632.40	14.57	8.09	182.40	1.00	
12:58	6.2		6.92	632.70	14.58	8.02	183.00	0.97	
13:01	6.9		6.91	634.20	14.57	7.93	183.70	0.89	
13:04	7.6		6.91	637.40	14.62	7.81	184.40	0.95	
13:07	8.3		6.90	640.90	14.67	7.71	185.00	0.84	
13:10	9.0		6.90	645.80	14.75	7.64	185.60	0.95	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/5/2025 13:10
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH — 645.80 Spec. Cond. — 14.75 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 20.11 feet below TOC — Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G280
Project Location:	Coffeen, IL	**Sample ID:**	053
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 58 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 13:32

Static Water Level: 2.87 feet below TOC
Total Depth: 20.20 feet below TOC
Water Column: 17.33 feet

Purging Activities

Purged By: DC — Purge Date: 5/5/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 17.33 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Slightly cloudy — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:31	0.0	292	purge start time						
13:43	3.5	↓	7.17	622.70	12.70	0.78	186.00	40.18	
13:46	4.4		7.17	628.70	12.68	0.72	185.90	31.75	
13:49	5.3		7.17	632.90	12.65	0.69	185.80	26.70	
13:52	6.1		7.17	636.40	12.67	0.66	185.60	24.73	
13:55	7.0		7.18	640.20	12.68	0.64	185.40	21.58	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/5/2025 13:55
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.18 pH — 640.20 Spec. Cond. — 12.68 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 3.32 feet below TOC — Drawdown: 0.45 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G281
Project Location:	Coffeen, IL	**Sample ID:**	054
W.O. Number (s):	25041418	**Date (s):**	5/2/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 60 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/2/2025 8:38

Static Water Level: 3.60 feet below TOC
Total Depth: 22.80 feet below TOC
Water Column: 19.20 feet

Purging Activities

Purged By: JC — Purge Date: 5/2/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 19.2 ft. x 0.022 = 0.42 L x 3 Vol. = 1.26 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Slightly cloudy — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
8:39	0.0	179	purge start time						
8:46	1.3	↓	6.55	1,508.30	13.27	4.21	57.10	12.47	
8:49	1.8		6.55	1,507.00	13.26	3.38	48.90	9.19	
8:52	2.3		6.55	1,506.10	13.29	2.89	44.30	8.78	
8:55	2.9		6.57	1,505.80	13.25	2.58	41.60	10.72	
8:58	3.4		6.58	1,506.30	13.22	2.35	40.10	13.24	
9:01	3.9		6.58	1,505.50	13.24	2.18	39.30	15.38	
9:04	4.5		6.59	1,505.90	13.25	2.04	38.80	17.10	
9:07	5.0		6.60	1,506.10	13.27	1.93	38.60	22.68	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/2/2025 9:07
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.60 pH — 1,506.10 Spec. Cond. — 13.27 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 13.95 feet below TOC — Drawdown: 10.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/2/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G283
Project Location:	Coffeen, IL	**Sample ID:**	055
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 13:12
Static Water Level: 3.72 feet below TOC
Total Depth: 20.80 feet below TOC
Water Column: 17.08 feet

Purging Activities

Purged By: DC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 17.08 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:09	0.0	318	purge start time						
13:19	3.2	↓	6.98	1,248.40	12.51	0.75	186.90	26.02	
13:22	4.1		6.98	1,246.60	12.41	0.70	186.40	15.21	
13:25	5.1		6.98	1,244.30	12.47	0.67	185.90	10.57	
13:28	6.0		6.97	1,242.80	12.55	0.65	185.60	8.15	
13:31	7.0		6.97	1,243.40	12.45	0.63	185.30	6.19	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/6/2025 13:31
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.97 pH — 1,243.40 Spec. Cond. — 12.45 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 4.79 feet below TOC — Drawdown: 1.07 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By:  **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G284
Project Location:	Coffeen, IL	**Sample ID:**	056
W.O. Number (s):	25041418	**Date (s):**	5/6/2002

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 58 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☑ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 9:12
Static Water Level: 8.72 feet below TOC
Total Depth: 16.30 feet below TOC
Water Column: 7.58 feet

Purging Activities

Purged By: DC Purge Date: 5/6/2002
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 7.58 ft. x 0.022 = 0.17 L x 3 Vol. = 0.51 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:08	0.0	216	purge start time						
9:33	5.4	↓	6.88	618.30	12.80	2.00	200.70	3.21	
9:36	6.1		6.89	618.50	12.80	1.84	200.80	3.50	
9:39	6.7		6.91	620.10	12.92	1.70	200.70	3.97	
9:42	7.4		6.92	620.10	12.88	1.60	200.50	4.66	
9:45	8.0		6.92	620.70	12.91	1.52	200.20	5.51	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/6/2025 9:45
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.92 pH 620.70 Spec. Cond. 12.91 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.04 feet below TOC Drawdown: 1.32 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Date: 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G285
Project Location:	Coffeen, IL	**Sample ID:**	057
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 65 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 10:48
Static Water Level: 4.32 feet below TOC
Total Depth: 26.80 feet below TOC
Water Column: 22.48 feet

Purging Activities

Purged By: JC — Purge Date: 5/7/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 22.48 ft. x 0.022 = 0.49 L x 3 Vol. = 1.47 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:48	0.0	222	purge start time						
10:54	1.3	↓	6.54	2,189.80	12.92	3.78	89.40	18.82	
10:57	2.0		6.53	2,188.20	12.93	3.01	88.20	30.76	
11:00	2.7		6.53	2,188.30	12.90	2.58	87.20	42.12	
11:03	3.3		6.53	2,192.40	13.08	2.28	86.20	54.13	
11:06	4.0		6.54	2,192.60	13.11	2.08	85.30	47.26	
11:09	4.7		6.54	2,191.50	12.95	1.93	84.50	27.19	
11:12	5.3		6.54	2,189.10	13.11	1.81	83.80	33.93	
11:15	6.0		6.54	2,193.80	12.99	1.71	83.20	34.16	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/7/2025 11:15
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.54 pH — 2,193.80 Spec. Cond. — 12.99 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 12.82 feet below TOC — Drawdown: 8.50 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G301
Project Location:	Coffeen, IL	**Sample ID:**	058
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 66 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 12:41

Static Water Level: 4.71 feet below TOC
Total Depth: 18.60 feet below TOC
Water Column: 13.89 feet

Purging Activities

Purged By: JC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 13.89 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:42	0.0	200	purge start time						
12:49	1.4	↓	6.55	1,164.40	14.29	2.99	99.10	8.71	
12:52	2.0		6.50	1,166.50	14.95	2.45	100.70	10.54	
12:55	2.6		6.48	1,167.20	14.54	2.13	101.80	9.77	
12:58	3.2		6.47	1,164.60	14.05	1.93	102.80	10.50	
13:01	3.8		6.46	1,161.50	13.90	1.78	103.40	9.74	
13:04	4.4		6.45	1,161.60	13.73	1.67	103.80	9.17	
13:07	5.0		6.45	1,160.10	13.74	1.58	104.10	8.84	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/6/2025 13:07
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.45 pH — 1,160.10 Spec. Cond. — 13.74 Temp
Field Filtered: No — Filter Type:
Water Level: 5.81 feet below TOC — Drawdown: 1.10 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G302
Project Location:	Coffeen, IL	**Sample ID:**	059
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 67 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 13:22

Static Water Level: 4.17 feet below TOC
Total Depth: 20.50 feet below TOC
Water Column: 16.33 feet

Purging Activities

Purged By: JC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 16.33 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy — Odor: Moderate — Color: lt brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:22	0.0	200	purge start time						
13:29	1.4	↓	6.62	1,968.00	14.35	2.88	-55.20	24.45	
13:32	2.0		6.61	1,946.70	14.06	2.37	-58.40	29.20	
13:35	2.6		6.60	1,939.10	14.76	2.03	-59.00	40.44	
13:38	3.2		6.59	1,932.70	14.83	1.82	-57.50	41.96	
13:41	3.8		6.59	1,925.00	15.08	1.65	-54.00	46.55	
13:44	4.4		6.59	1,917.20	14.48	1.55	-50.50	44.60	
13:47	5.0		6.58	1,911.10	14.23	1.48	-47.40	41.38	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/6/2025 13:47
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.58 pH — 1,911.10 Spec. Cond. — 14.23 Temp
Field Filtered: No — Filter Type:
Water Level: 4.92 feet below TOC — Drawdown: 0.75 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G303
Project Location:	Coffeen, IL	**Sample ID:**	060
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 58 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good			
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 14:15
Static Water Level: 3.48 feet below TOC
Total Depth: 23.30 feet below TOC
Water Column: 19.82 feet

Purging Activities

Purged By: DC Purge Date: 5/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 19.82 ft. x 0.022 = 0.44 L x 3 Vol. = 1.32 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: Moderate Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:15	0.0	167	purge start time						
14:27	2.0	↓	6.90	1,784.70	12.14	1.94	193.30	3.97	
14:30	2.5		6.90	1,788.50	12.15	1.93	193.60	3.95	
14:33	3.0		6.89	1,793.00	12.12	1.91	194.00	2.57	
14:36	3.5		6.89	1,796.20	12.26	1.91	194.20	2.39	
14:39	4.0		6.89	1,800.90	12.60	1.83	194.30	1.90	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/5/2025 14:39
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.89 pH 1,800.90 Spec. Cond. 12.60 Temp
Field Filtered: No Filter Type:
Water Level: 5.44 feet below TOC Drawdown: 1.96 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton Yoch **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G305
Project Location:	Coffeen, IL	**Sample ID:**	061
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 66 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 12:14
Static Water Level: 6.27 feet below TOC
Total Depth: 21.50 feet below TOC
Water Column: 15.23 feet

Purging Activities

Purged By: DC Purge Date: 5/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.23 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:13	0.0	273	purge start time						
12:23	2.7	↓	7.21	1,629.60	14.24	0.78	191.00	9.99	
12:26	3.5		7.19	1,633.90	14.29	0.73	190.80	8.59	
12:29	4.4		7.18	1,636.10	14.32	0.70	190.60	6.31	
12:32	5.2		7.18	1,638.80	14.33	0.67	190.40	5.22	
12:35	6.0		7.17	1,641.50	14.28	0.65	190.20	4.23	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/6/2025 12:35
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.17 pH 1,641.50 Spec. Cond. 14.28 Temp
Field Filtered: No Filter Type:
Water Level: 6.31 feet below TOC Drawdown: 0.04 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Date: 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G306
Project Location:	Coffeen, IL	**Sample ID:**	062
W.O. Number (s):	25041418	**Date (s):**	4/30/2025

Field Team Members

Name: Payton Yoch — Affiliation: TekLab, Inc.
Name: Tracy Carroll — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 59 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☐ Light ☑ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/30/2025 9:55
Static Water Level: 5.22 feet below TOC
Total Depth: 20.90 feet below TOC
Water Column: 15.68 feet

Purging Activities

Purged By: PY — Purge Date: 4/30/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 15.68 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Slightly cloudy — Odor: None — Color: Light Brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:51	0.0	130	purge start time						
10:06	1.9	↓	6.11	571.90	12.30	2.21	125.50	23.37	
10:09	2.3		6.11	568.10	12.28	2.11	124.90	22.90	
10:12	2.7		6.12	566.30	12.25	2.03	124.10	23.81	
10:15	3.1		6.13	565.70	12.24	1.94	123.10	26.01	
10:18	3.5		6.15	565.20	12.26	1.89	122.00	25.81	

Sampling Activities

Sampled By: TC — Sample Date/Time: 4/30/2025 10:18
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.15 pH — 565.20 Spec. Cond. — 12.26 Temp
Field Filtered: No — Filter Type:
Water Level: 5.92 feet below TOC — Drawdown: 0.70 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: — **Date:** 4/30/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G307
Project Location:	Coffeen, IL	**Sample ID:**	063
W.O. Number (s):	25041418	**Date (s):**	4/30/2025

Field Team Members

Name: Payton Yoch — Affiliation: TekLab, Inc.
Name: Tracy Carroll — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/30/2025 11:55
Static Water Level: 0.01 feet below TOC
Total Depth: 20.60 feet below TOC
Water Column: 20.59 feet

Purging Activities

Purged By: PY — Purge Date: 4/30/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 20.59 ft. x 0.022 = 0.45 L x 3 Vol. = 1.35 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.50 L
Physical appearance of purge water: Clear — Odor: Moderate — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:48	0.0	293	purge start time						
12:05	5.0	↓	7.04	1,031.10	13.61	1.17	125.50	13.96	
12:08	5.9		7.03	1,031.30	13.64	1.12	125.50	12.42	
12:11	6.7		7.03	1,030.80	13.67	1.08	125.40	8.26	
12:14	7.6		7.03	1,029.50	13.62	1.05	125.50	8.09	
12:17	8.5		7.03	1,029.00	13.62	1.03	125.50	6.96	

Sampling Activities

Sampled By: TC — Sample Date/Time: 4/30/2025 12:17
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 7.03 pH — 1,029.00 Spec. Cond. — 13.62 Temp
Field Filtered: No — Filter Type:
Water Level: 0.07 feet below TOC — Drawdown: 0.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: — **Date:** 4/30/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G307D
Project Location:	Coffeen, IL	**Sample ID:**	064
W.O. Number (s):	25041418	**Date (s):**	4/30/2025

Field Team Members

Name: Payton Yoch — Affiliation: TekLab, Inc.
Name: Tracy Carroll — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/30/2025 11:17
Static Water Level: 11.35 feet below TOC
Total Depth: 62.00 feet below TOC
Water Column: 50.65 feet

Purging Activities

Purged By: PY — Purge Date: 4/30/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 50.65 ft. x 0.022 = 1.11 L x 3 Vol. = 3.33 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:58	0.0	100	purge start time						
11:16	1.8	↓	6.96	798.30	14.15	1.74	136.00	3.04	
11:19	2.1		6.99	806.90	14.27	1.69	135.00	4.56	
11:22	2.4		7.01	813.00	14.31	1.70	134.10	5.86	
11:25	2.7		7.02	817.50	14.37	1.67	133.50	5.12	
11:28	3.0		7.03	821.20	14.50	1.64	132.80	5.92	

Sampling Activities

Sampled By: TC — Sample Date/Time: 4/30/2025 11:28
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.03 pH — 821.20 Spec. Cond. — 14.50 Temp
Field Filtered: No — Filter Type:
Water Level: 16.29 feet below TOC — Drawdown: 4.94 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton Yoch — **Date:** 4/30/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G308
Project Location:	Coffeen, IL	**Sample ID:**	065
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 61 °F Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 10:15
Static Water Level: 3.82 feet below TOC
Total Depth: 18.20 feet below TOC
Water Column: 14.38 feet

Purging Activities

Purged By: DC Purge Date: 5/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.38 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:15	0.0	300	purge start time						
10:26	3.3	↓	7.07	1,643.60	12.89	0.78	197.70	1.53	
10:29	4.2		7.07	1,645.60	12.98	0.73	197.10	1.27	
10:32	5.1		7.07	1,650.00	12.82	0.69	196.70	0.99	
10:35	6.0		7.07	1,651.00	12.83	0.67	196.40	1.08	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/6/2025 10:35
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.07 pH 1,651.00 Spec. Cond. 12.83 Temp
Field Filtered: No Filter Type:
Water Level: 4.51 feet below TOC Drawdown: 0.69 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton Yoch **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G310
Project Location:	Coffeen, IL	**Sample ID:**	066
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 65 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

			Yes	No
Well Pad	Good	**Locks**		
Casing	Good	Protective Casing		X
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 12:02
Static Water Level: 6.58 feet below TOC
Total Depth: 18.40 feet below TOC
Water Column: 11.82 feet

Purging Activities

Purged By: JC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 11.82 ft. x 0.022 = 0.26 L x 3 Vol. = 0.78 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:02	0.0	182	purge start time						
12:09	1.3		6.93	1,306.40	15.62	3.25	113.40	2.11	
12:12	1.8		6.92	1,318.10	17.02	2.68	111.30	2.16	
12:15	2.4		6.91	1,328.50	18.34	2.33	109.40	2.05	
12:18	2.9		6.91	1,334.70	19.38	2.09	107.80	2.02	
12:21	3.5		6.92	1,335.00	19.86	1.92	106.70	1.98	
12:24	4.0		6.92	1,335.90	20.21	1.80	106.10	1.95	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/6/2025 12:24
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.92 pH — 1,335.90 Spec. Cond. — 20.21 Temp
Field Filtered: No — Filter Type:
Water Level: 6.99 feet below TOC — Drawdown: 0.41 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G312
Project Location:	Coffeen, IL	**Sample ID:**	067
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F Wind Direction: ☑ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

			Yes	No
Well Pad	Good	**Locks**		
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 13:58
Static Water Level: 8.48 feet below TOC
Total Depth: 17.80 feet below TOC
Water Column: 9.32 feet

Purging Activities

Purged By: JC Purge Date: 5/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 9.32 ft. x 0.022 = 0.21 L x 3 Vol. = 0.63 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 11.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:59	0.0	212	purge start time						
14:06	1.5	↓	6.63	1,131.60	12.94	6.27	27.00	8.81	
14:09	2.1		6.51	1,242.50	12.74	5.37	31.10	6.83	
14:12	2.8		6.45	1,321.30	12.68	4.78	34.40	4.81	
14:15	3.4		6.40	1,413.90	12.64	4.32	37.40	3.78	
14:18	4.0		6.36	1,520.70	12.60	3.92	40.00	2.79	
14:21	4.7		6.34	1,631.40	12.61	3.60	42.60	2.17	
14:24	5.3		6.33	1,781.50	12.66	3.35	45.40	1.88	
14:27	5.9		6.32	1,930.80	12.90	3.14	47.90	1.81	
14:30	6.6		6.33	2,031.20	12.94	2.94	49.40	1.76	
14:33	7.2		6.33	2,111.30	12.97	2.77	50.80	1.39	
14:36	7.8		6.33	2,185.20	12.97	2.60	51.90	1.44	
14:39	8.5		6.32	2,227.90	12.84	2.48	52.70	1.29	
14:42	9.1		6.30	2,367.70	13.16	2.29	53.90	1.15	
14:45	9.7		6.31	2,396.60	13.20	2.06	53.90	1.11	
14:48	10.4		6.31	2,388.50	13.31	1.93	53.90	1.30	
14:51	11.0		6.31	2,380.10	13.33	1.85	54.10	1.16	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/6/2025 14:51
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.31 pH 2,380.10 Spec. Cond. 13.33 Temp
Field Filtered: No Filter Type:
Water Level: 9.40 feet below TOC Drawdown: 0.92 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G313
Project Location:	Coffeen, IL	**Sample ID:**	068
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 13:52
Static Water Level: 3.27 feet below TOC
Total Depth: 14.30 feet below TOC
Water Column: 11.03 feet

Purging Activities

Purged By: DC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 11.03 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:47	0.0	204	purge start time						
14:02	3.1	↓	6.85	1,742.00	13.68	0.71	199.80	5.19	
14:05	3.7		6.84	1,749.80	13.85	0.68	199.60	4.81	
14:08	4.3		6.84	1,757.60	13.76	0.65	199.40	4.42	
14:11	4.9		6.84	1,762.50	13.63	0.62	199.30	3.73	
14:14	5.5		6.84	1,767.50	13.58	0.60	199.10	3.93	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/6/2025 14:14
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.84 pH — 1,767.50 Spec. Cond. — 13.58 Temp
Field Filtered: No — Filter Type:
Water Level: 3.85 feet below TOC — Drawdown: 0.58 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G314
Project Location:	Coffeen, IL	**Sample ID:**	069
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 64 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 10:33
Static Water Level: 5.33 feet below TOC
Total Depth: 22.80 feet below TOC
Water Column: 17.47 feet

Purging Activities

Purged By: DC — Purge Date: 5/1/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 17.47 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Slightly cloudy — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:42	0.0	174	purge start time						
10:53	1.9	↓	6.60	2,331.40	13.12	0.73	163.40	22.79	
10:56	2.4		6.59	2,327.60	12.94	0.68	163.40	18.19	
10:59	3.0		6.59	2,311.80	12.90	0.63	163.40	22.85	
11:02	3.5		6.59	2,302.10	12.88	0.60	163.40	22.13	
11:05	4.0		6.59	2,290.30	12.88	0.58	163.50	23.70	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/1/2025 11:05
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.59 pH — 2,290.30 Spec. Cond. — 12.88 Temp
Field Filtered: No — Filter Type:
Water Level: 10.11 feet below TOC — Drawdown: 4.78 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G314D
Project Location:	Coffeen, IL	**Sample ID:**	070
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 10:01
Static Water Level: 5.82 feet below TOC
Total Depth: 52.30 feet below TOC
Water Column: 46.48 feet

Purging Activities

Purged By: DC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 46.48 ft. x 0.022 = 1.02 L x 3 Vol. = 3.06 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: Slight Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:01	0.0	185	purge start time						
10:16	2.8	↓	6.78	2,218.10	13.59	0.59	176.70	12.47	
10:19	3.3		6.78	2,236.00	13.62	0.56	176.30	14.63	
10:22	3.9		6.84	2,253.40	13.60	0.55	176.00	10.90	
10:25	4.4		6.88	2,272.70	13.66	0.55	175.50	10.34	
10:28	5.0		6.90	2,286.30	13.61	0.54	175.00	11.35	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/1/2025 10:28
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH 2,286.30 Spec. Cond. 13.61 Temp
Field Filtered: No Filter Type:
Water Level: 14.21 feet below TOC Drawdown: 8.39 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton K **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G315
Project Location:	Coffeen, IL	**Sample ID:**	071
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 69 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 12:15
Static Water Level: 2.55 feet below TOC
Total Depth: 17.40 feet below TOC
Water Column: 14.85 feet

Purging Activities

Purged By: DC — Purge Date: 5/7/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 14.85 ft. x 0.022 = 0.33 L x 3 Vol. = 0.99 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:13	0.0	250	purge start time						
12:25	3.0	↓	6.87	845.70	13.89	0.99	189.00	2.34	
12:28	3.8		6.86	847.20	13.90	0.92	189.10	1.74	
12:31	4.5		6.85	849.70	13.73	0.86	189.10	1.07	
12:34	5.3		6.85	850.50	13.80	0.82	189.00	1.03	
12:37	6.0		6.84	852.20	13.78	0.77	188.80	0.93	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/7/2025 12:37
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.84 pH — 852.20 Spec. Cond. — 13.78 Temp
Field Filtered: No — Filter Type:
Water Level: 3.17 feet below TOC — Drawdown: 0.62 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton K — **Date:** 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G316
Project Location:	Coffeen, IL	**Sample ID:**	072
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

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

Weather Conditions

Temp: 65 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 9:16

Static Water Level: 11.03 feet below TOC
Total Depth: 18.10 feet below TOC
Water Column: 7.07 feet

Purging Activities

Purged By: DC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 7.07 ft. x 0.022 = 0.16 L x 3 Vol. = 0.48 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Clear Odor: Moderate Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:17	0.0	83	purge start time						
9:29	1.0	↓	6.78	1,551.90	12.27	1.12	157.70	2.97	
9:32	1.3		6.75	1,558.00	12.26	1.01	158.30	2.68	
9:35	1.5		6.73	1,546.80	12.25	0.92	159.60	2.75	
9:38	1.8		6.74	1,530.60	12.30	0.86	160.00	2.51	
9:41	2.0		6.76	1,516.90	12.30	0.82	160.10	2.25	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/1/2025 9:41
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.76 pH 1,516.90 Spec. Cond. 12.30 Temp
Field Filtered: No Filter Type:
Water Level: 11.62 feet below TOC Drawdown: 0.59 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton Yoch **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G401
Project Location:	Coffeen, IL	**Sample ID:**	073
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F — Wind Direction: ☐ N ☑ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 14:33
Static Water Level: 20.67 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 1.13 feet

Purging Activities

Purged By: DC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 1.13 ft. x 0.022 = 0.02 L x 3 Vol. = 0.06 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:35	0.0	174	purge start time						
14:46	1.9	↓	6.36	1,205.40	15.95	2.57	192.30	18.04	
14:49	2.4		6.33	1,221.40	15.34	2.43	193.80	12.75	
14:52	3.0		6.30	1,243.00	15.31	2.19	195.00	7.10	
14:55	3.5		6.27	1,290.10	15.40	2.08	196.30	5.72	
14:58	4.0		6.25	1,309.50	16.13	2.06	196.90	4.11	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/5/2025 14:58
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.25 pH — 1,309.50 Spec. Cond. — 16.13 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 21.18 feet below TOC — Drawdown: 0.51 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: [signature] **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G402
Project Location:	Coffeen, IL	**Sample ID:**	074
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 61 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 10:24
Static Water Level: 7.68 feet below TOC
Total Depth: 23.40 feet below TOC
Water Column: 15.72 feet

Purging Activities

Purged By: JC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 15.72 ft. x 0.022 = 0.35 L x 3 Vol. = 1.05 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:25	0.0	207	purge start time						
10:30	1.0	↓	6.66	1,844.80	14.38	5.37	79.70	10.56	
10:33	1.7		6.66	1,839.50	13.93	5.33	81.10	10.75	
10:36	2.3		6.67	1,836.40	13.63	5.69	82.40	11.50	
10:39	2.9		6.69	1,834.80	13.47	6.04	83.50	11.06	
10:42	3.5		6.70	1,832.80	13.53	6.38	84.80	13.41	
10:45	4.1		6.72	1,834.00	14.00	6.71	86.00	12.35	
10:48	4.8		6.74	1,833.60	14.14	6.97	87.20	12.98	
10:51	5.4		6.74	1,833.20	14.19	7.10	88.40	13.35	
10:54	6.0		6.75	1,836.10	14.13	7.22	89.30	14.76	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/6/2025 10:54
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.75 pH — 1,836.10 Spec. Cond. — 14.13 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 8.60 feet below TOC — Drawdown: 0.92 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Brett Gillihan — **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G403
Project Location:	Coffeen, IL	**Sample ID:**	075
W.O. Number (s):	25041418	**Date (s):**	5/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 61 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☑ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/2/2025 8:59
Static Water Level: 5.38 feet below TOC
Total Depth: 20.80 feet below TOC
Water Column: 15.42 feet

Purging Activities

Purged By: PY Purge Date: 5/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.42 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
8:59	0.0	150	purge start time						
9:07	1.2	↓	6.44	607.80	13.70	0.89	189.00	4.77	
9:10	1.7		6.45	595.20	13.67	0.80	190.30	3.95	
9:13	2.1		6.47	586.10	13.69	0.75	190.10	4.25	
9:16	2.6		6.50	579.90	13.63	0.72	188.70	4.01	
9:19	3.0		6.52	574.60	13.63	0.70	186.90	5.76	

Sampling Activities

Sampled By: PY Sample Date/Time: 5/2/2025 9:19
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.52 pH 574.60 Spec. Cond. 13.63 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 7.57 feet below TOC Drawdown: 2.19 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Date: 5/2/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G404
Project Location:	Coffeen, IL	**Sample ID:**	076
W.O. Number (s):	25041418	**Date (s):**	5/2/2025

Field Team Members

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

Weather Conditions

Temp: 61 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☑ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/2/2025 9:44

Static Water Level: 3.18 feet below TOC
Total Depth: 14.10 feet below TOC
Water Column: 10.92 feet

Purging Activities

Purged By: PY Purge Date: 5/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 10.92 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:41	0.0	217	purge start time						
9:52	2.4	↓	6.76	975.60	13.08	1.12	175.10	3.79	
9:55	3.0		6.76	990.10	13.09	0.99	174.60	3.09	
9:58	3.7		6.75	1,007.20	13.07	0.89	174.40	2.51	
10:01	4.3		6.75	1,010.00	13.05	0.85	173.80	2.54	
10:04	5.0		6.74	1,021.60	13.10	0.80	173.50	3.22	

Sampling Activities

Sampled By: PY Sample Date/Time: 5/2/2025 10:04
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.74 pH 1,021.60 Spec. Cond. 13.10 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 4.39 feet below TOC Drawdown: 1.21 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton Yoch **Date:** 5/2/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G405
Project Location:	Coffeen, IL	**Sample ID:**	077
W.O. Number (s):	25041418	**Date (s):**	5/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 62 °F Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/2/2025 9:27

Static Water Level: 5.23 feet below TOC
Total Depth: 16.40 feet below TOC
Water Column: 11.17 feet

Purging Activities

Purged By: JC Purge Date: 5/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.17 ft. x 0.022 = 0.25 L x 3 Vol. = 0.75 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:28	0.0	185	purge start time						
9:34	1.1	↓	6.81	2,028.10	13.81	4.44	54.00	4.31	
9:37	1.7		6.73	2,123.80	13.67	3.68	55.80	4.80	
9:40	2.2		6.70	2,143.50	13.74	3.21	56.70	4.98	
9:43	2.8		6.69	2,147.80	13.91	2.92	57.30	5.69	
9:46	3.3		6.68	2,154.50	13.68	2.74	57.60	7.33	
9:49	3.9		6.68	2,152.90	13.81	2.58	58.00	7.84	
9:52	4.4		6.68	2,152.20	13.90	2.47	58.30	8.85	
9:55	5.0		6.68	2,157.40	13.83	2.39	58.60	10.57	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/2/2025 9:55
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.68 pH 2,157.40 Spec. Cond. 13.83 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.64 feet below TOC Drawdown: 0.41 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp **Date:** 5/2/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G406
Project Location:	Coffeen, IL	**Sample ID:**	078
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 11:17
Static Water Level: 9.41 feet below TOC
Total Depth: 22.30 feet below TOC
Water Column: 12.89 feet

Purging Activities

Purged By: JC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 12.888 ft. x 0.022 = 0.28 L x 3 Vol. = 0.84 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:18	0.0	250	purge start time						
11:25	1.7	↓	6.48	1,536.30	15.11	3.68	99.40	18.49	
11:28	2.5		6.44	1,530.90	15.17	3.00	99.60	11.26	
11:31	3.2		6.42	1,521.00	15.24	2.58	99.30	8.10	
11:34	4.0		6.40	1,512.10	15.16	2.31	99.10	6.17	
11:37	4.7		6.40	1,506.80	14.79	2.10	98.90	5.89	
11:40	5.5		6.38	1,499.50	15.08	1.94	98.50	5.38	
11:43	6.3		6.37	1,492.20	15.08	1.82	98.10	4.74	
11:46	7.0		6.37	1,488.60	15.20	1.71	97.70	5.01	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/6/2025 11:46
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.37 pH — 1,488.60 Spec. Cond. — 15.20 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 10.20 feet below TOC — Drawdown: 0.79 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G407
Project Location:	Coffeen, IL	**Sample ID:**	079
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 56 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 8:50

Static Water Level: 5.31 feet below TOC
Total Depth: 23.00 feet below TOC
Water Column: 17.69 feet

Purging Activities

Purged By: JC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 17.69 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
8:51	0.0	217	purge start time						
8:59	1.7	↓	6.36	3,302.30	13.64	5.15	91.90	12.19	
9:02	2.4		6.43	2,812.30	13.65	4.37	85.80	13.58	
9:05	3.0		6.54	2,532.90	13.62	4.48	81.60	11.00	
9:08	3.7		6.59	2,445.20	13.61	4.78	80.00	8.94	
9:11	4.3		6.61	2,440.50	13.65	4.89	79.10	8.86	
9:14	5.0		6.61	2,457.40	13.66	4.86	78.60	7.20	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/6/2025 9:14
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.61 pH — 2,457.40 Spec. Cond. — 13.66 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 9.79 feet below TOC — Drawdown: 4.48 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G410
Project Location:	Coffeen, IL	**Sample ID:**	080
W.O. Number (s):	25041418	**Date (s):**	5/6/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 58 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/6/2025 9:31
Static Water Level: 7.15 feet below TOC
Total Depth: 16.70 feet below TOC
Water Column: 9.55 feet

Purging Activities

Purged By: JC — Purge Date: 5/6/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 9.55 ft. x 0.022 = 0.21 L x 3 Vol. = 0.63 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:32	0.0	203	purge start time						
9:40	1.6	↓	6.36	950.10	12.68	4.61	80.50	5.40	
9:43	2.2		6.32	978.80	12.74	4.07	82.90	4.01	
9:46	2.8		6.31	997.20	12.71	3.62	83.90	3.28	
9:49	3.5		6.30	1,007.30	12.71	3.26	84.40	2.55	
9:52	4.1		6.29	1,013.20	12.70	2.98	84.60	1.59	
9:55	4.7		6.29	1,017.50	12.64	2.77	84.80	1.16	
9:58	5.3		6.29	1,019.10	12.72	2.59	84.80	1.25	
10:01	5.9		6.28	1,020.10	12.72	2.45	84.80	1.13	
10:04	6.5		6.28	1,022.70	12.67	2.33	84.70	0.99	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/6/2025 10:04
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.28 pH — 1,022.70 Spec. Cond. — 12.67 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 8.48 feet below TOC — Drawdown: 1.33 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/6/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G411
Project Location:	Coffeen, IL	**Sample ID:**	081
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 58 °F — Wind Direction: ☐ N ☑ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 14:01

Static Water Level: 5.28 feet below TOC
Total Depth: 19.20 feet below TOC
Water Column: 13.92 feet

Purging Activities

Purged By: JC — Purge Date: 5/5/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 13.92 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:02	0.0	200	purge start time						
14:09	1.4	↓	7.12	859.40	12.39	3.70	92.20	2.46	
14:12	2.0		7.09	859.90	12.34	3.09	92.70	2.50	
14:15	2.6		7.07	862.40	12.29	2.70	93.10	2.28	
14:18	3.2		7.06	865.00	12.23	2.43	93.50	1.40	
14:21	3.8		7.06	866.70	12.22	2.23	93.50	1.04	
14:24	4.4		7.06	869.00	12.20	2.07	93.30	0.94	
14:27	5.0		7.06	870.20	12.20	1.94	93.10	1.00	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/5/2025 14:27
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH — 870.20 Spec. Cond. — 12.20 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 5.69 feet below TOC — Drawdown: 0.41 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/5/2025

Field Data Sheet

Project Name: COF-25Q2 **Monitoring Point:** L202
Project Location: Coffeen, IL **Sample ID:** 082
W.O. Number (s): 25041418 **Date (s):** 5/8/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured:
Static Water Level: feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Direct Grab Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Slightly cloudy Odor: Slight Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:25	0.5	N/A	11.66	13,032.90	15.54	7.66	147.30	7.43	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/8/2025 9:25
Sample Method: No Purge Sample Equipment: Direct Grab
Sample Parameters: 11.66 pH 13,032.90 Spec. Cond. 15.54 Temp
Field Filtered: No Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868
- Sampled directly from leachate line

Form Completed By: Date: 5/8/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	NE Riser
Project Location:	Coffeen, IL	**Sample ID:**	083
W.O. Number (s):	25041418	**Date (s):**	5/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured:
Static Water Level: feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Bladder Pump Well Diameter:
Purge Volume Calculation (L): *Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L):
Physical appearance of purge water: Slightly cloudy Odor: Moderate Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:43	0.5	N/A	7.24	17,862.30	16.23	7.15	202.00	2.57	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/8/2025 9:43
Sample Method: Direct Sample Sample Equipment: Bladder Pump
Sample Parameters: 7.24 pH 17,862.30 Spec. Cond. 16.23 Temp
Field Filtered: No Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Justin Colp **Date:** 5/8/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	R104
Project Location:	Coffeen, IL	**Sample ID:**	084
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.

Name: Affiliation:

Weather Conditions

Temp: 65 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 10:28

Static Water Level: 4.61 feet below TOC
Total Depth: 22.70 feet below TOC
Water Column: 18.09 feet

Purging Activities

Purged By: JC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.09 ft. x 0.022 = 0.4 L x 3 Vol. = 1.2 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:28	0.0	212	purge start time						
10:42	3.0	↓	7.16	835.60	13.45	5.97	89.80	4.29	
10:45	3.6		7.17	832.50	13.64	5.86	89.80	4.53	
10:48	4.2		7.17	834.00	14.06	5.78	89.80	4.66	
10:51	4.9		7.18	835.40	14.11	5.72	89.90	5.02	
10:54	5.5		7.18	831.40	14.18	5.66	90.00	4.32	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/1/2025 10:54
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.18 pH 831.40 Spec. Cond. 14.18 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.40 feet below TOC Drawdown: 4.79 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	R201
Project Location:	Coffeen, IL	**Sample ID:**	085
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °F — Wind Direction: ☐ N ☑ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 11:02
Static Water Level: 1.92 feet below TOC
Total Depth: 22.20 feet below TOC
Water Column: 20.28 feet

Purging Activities

Purged By: JC — Purge Date: 5/5/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 20.28 ft. x 0.022 = 0.45 L x 3 Vol. = 1.35 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:03	0.0	214	purge start time						
11:18	3.2	↓	6.96	1,060.20	14.77	2.79	45.40	5.25	
11:21	3.9		6.95	1,058.70	14.41	2.63	46.10	3.17	
11:24	4.5		6.95	1,060.80	14.38	2.51	46.60	2.13	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/5/2025 11:24
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.95 pH — 1,060.80 Spec. Cond. — 14.38 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 2.46 feet below TOC — Drawdown: 0.54 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	R205
Project Location:	Coffeen, IL	**Sample ID:**	086
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 69 °F Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☑ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 11:33
Static Water Level: 3.66 feet below TOC
Total Depth: 19.00 feet below TOC
Water Column: 15.34 feet

Purging Activities

Purged By: DC Purge Date: 5/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.34 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:34	0.0	263	purge start time						
11:44	2.6	↓	6.82	1,305.10	12.81	0.74	178.10	21.85	
11:47	3.4		6.80	1,305.40	12.99	0.69	179.10	22.44	
11:50	4.2		6.79	1,304.10	12.83	0.66	179.80	23.53	
11:53	5.0		6.78	1,302.70	12.99	0.64	180.30	26.00	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/7/2025 11:53
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.78 pH 1,302.70 Spec. Cond. 12.99 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 4.24 feet below TOC Drawdown: 0.58 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Payton Yoch **Date:** 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	SG-02
Project Location:	Coffeen, IL	**Sample ID:**	087
W.O. Number (s):	25041418	**Date (s):**	4/28/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.

Name: Affiliation:

Weather Conditions

Temp: 71 °F Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured: 4/28/2025 12:09

Static Water Level: 5.94 feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

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

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW only

Form Completed By: **Date:** 4/28/2025

Field Data Sheet

Project Name: COF-25Q2 **Monitoring Point:** SG-03
Project Location: Coffeen, IL **Sample ID:** 088
W.O. Number (s): 25041418 **Date (s):** 4/28/2025

Field Team Members

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

Weather Conditions

Temp: 71 °F Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured: 4/28/2025 10:15
Static Water Level: 8.50 feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

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

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW only

Form Completed By: Payton Yoch **Date:** 4/28/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	T127
Project Location:	Coffeen, IL	**Sample ID:**	089
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 53 °F — Wind Direction: ☐ N ☑ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing		X
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 11:52
Static Water Level: 13.54 feet below TOC
Total Depth: 21.28 feet below TOC
Water Column: 7.74 feet

Purging Activities

Purged By: JC — Purge Date: 5/5/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 7.74 ft. x 0.022 = 0.17 L x 3 Vol. = 0.51 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 9.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:53	0.0	231	purge start time						
12:05	2.8	↓	7.11	851.50	15.94	5.26	71.50	14.50	
12:08	3.5		7.07	853.50	15.85	4.72	72.80	11.00	
12:11	4.2		7.05	852.70	15.54	4.38	74.00	9.01	
12:14	4.8		7.03	852.70	15.77	4.14	74.80	7.27	
12:17	5.5		7.02	854.20	15.45	3.93	75.50	6.81	
12:20	6.2		7.01	853.60	15.22	3.78	76.10	5.70	
12:23	6.9		7.00	852.10	15.08	3.63	76.80	5.19	
12:26	7.6		6.99	853.60	15.60	3.45	76.90	4.62	
12:29	8.3		6.98	853.10	15.81	3.32	77.10	3.80	
12:32	9.0		6.98	853.20	15.56	3.20	77.30	3.44	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/5/2025 12:32
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.98 pH — 853.20 Spec. Cond. — 15.56 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 13.85 feet below TOC — Drawdown: 0.31 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp — **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	T128
Project Location:	Coffeen, IL	**Sample ID:**	090
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 69 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 14:05
Static Water Level: 13.21 feet below TOC
Total Depth: 28.70 feet below TOC
Water Column: 15.49 feet

Purging Activities

Purged By: JC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.49 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:07	0.0	200	purge start time						
14:12	1.0	↓	6.98	804.90	14.61	5.16	91.50	2.91	
14:15	1.6		6.93	803.00	14.50	4.37	92.80	2.74	
14:18	2.2		6.90	802.10	14.60	3.84	93.60	3.03	
14:21	2.8		6.87	801.50	14.59	3.46	93.90	3.12	
14:24	3.4		6.86	802.70	14.60	3.17	94.00	3.05	
14:27	4.0		6.85	802.50	14.51	2.95	93.90	2.27	
14:30	4.6		6.83	801.10	14.57	2.72	93.70	1.45	
14:33	5.2		6.82	798.60	14.64	2.51	93.30	1.23	
14:36	5.8		6.81	797.90	14.65	2.33	92.80	1.31	
14:39	6.4		6.80	798.60	14.65	2.23	92.00	1.33	
14:42	7.0		6.80	800.20	14.60	2.17	91.20	1.60	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/1/2025 14:42
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.80 pH 800.20 Spec. Cond. 14.60 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.52 feet below TOC Drawdown: 0.31 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	X201
Project Location:	Coffeen, IL	**Sample ID:**	091
W.O. Number (s):	25041418	**Date (s):**	5/8/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad				
Casing		Protective Casing		
Protective Casing		Well		
Reference Mark/Identification				

Groundwater Level Measurements

Date/Time Measured: 5/8/2025 9:51
Static Water Level: 27.16 feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: — Purge Date:
Purge Method: Direct Grab — Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:56	0.5	↓	6.62	20,369.30	18.13	9.58	235.00	1.54	

Sampling Activities

Sampled By: BG — Sample Date/Time: 5/8/2025 9:56
Sample Method: Direct Sample — Sample Equipment: Direct Grab
Sample Parameters: 6.62 pH — 20,369.30 Spec. Cond. — 18.13 Temp
Field Filtered: No — Filter Type: Lab Filtered
Water Level: feet below TOC — Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Justin Colp — **Date:** 5/8/2025

Field Data Sheet

Project Name: COF-25Q2
Project Location: Coffeen, IL
W.O. Number (s): 25041418
Monitoring Point: XSG-01
Sample ID: 092
Date (s): 4/28/2025

Field Team Members

Name: Payton Yoch — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 71 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

Well Pad:
Casing:
Protective Casing:
Reference Mark/Identification:

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured: 4/28/2025 11:07
Static Water Level: 5.89 feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: — Purge Date:
Purge Method: — Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: — Odor: — Color:

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

Sampling Activities

Sampled By: — Sample Date/Time:
Sample Method: — Sample Equipment:
Sample Parameters: pH — Spec. Cond. — Temp
Field Filtered: — Filter Type:
Water Level: feet below TOC — Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: — **Date:** 4/28/2025

Field Data Sheet

Project Name: COF-25Q2
Project Location: Coffeen, IL
W.O. Number (s): 25041418
Monitoring Point: Field Blank
Sample ID: 093
Date (s): 5/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 62 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☐ None ☑ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured:
Static Water Level: feet below TOC
Total Depth: feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

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

Sampling Activities

Sampled By: JC Sample Date/Time: 5/8/2025 9:20
Sample Method: Direct Sample Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: No Filter Type: Lab Filtered
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760
- QA/QC Sample

Form Completed By: Justin Colp **Date:** 5/8/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G1001 Duplicate
Project Location:	Coffeen, IL	**Sample ID:**	094
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 62 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 9:33
Static Water Level: 5.94 feet below TOC
Total Depth: 13.79 feet below TOC
Water Column: 7.85 feet

Purging Activities

Purged By: DC — Purge Date: 5/7/2025
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 7.85 ft. x 0.022 = 0.17 L x 3 Vol. = 0.51 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.50 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:34	0.0	159	purge start time						
9:57	3.6	↓	7.03	872.10	16.03	4.53	197.80	1.42	
10:00	4.1		7.02	875.30	15.77	4.36	198.20	1.20	
10:03	4.6		7.02	873.60	15.55	4.24	198.50	1.14	
10:06	5.1		7.00	871.20	15.66	4.09	198.60	0.98	
10:09	5.5		7.00	858.50	15.61	3.92	198.60	0.76	
10:12	6.0		7.00	843.30	15.38	3.88	198.40	0.94	
10:15	6.5		7.01	826.80	15.27	3.92	198.10	0.90	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/7/2025 10:15
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 7.01 pH — 826.80 Spec. Cond. — 15.27 Temp
Field Filtered: No — Filter Type:
Water Level: 8.89 feet below TOC — Drawdown: 2.95 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868
- QA/QC Sample

Form Completed By: [signature] **Date:** 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G110 Duplicate
Project Location:	Coffeen, IL	**Sample ID:**	095
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 10:02
Static Water Level: 9.09 feet below TOC
Total Depth: 27.50 feet below TOC
Water Column: 18.41 feet

Purging Activities

Purged By: JC Purge Date: 4/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.41 ft. x 0.022 = 0.41 L x 3 Vol. = 1.23 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:03	0.0	241	purge start time						
10:11	1.9	↓	6.67	953.00	13.71	3.29	73.70	7.86	
10:14	2.7		6.66	954.50	13.63	2.76	72.30	11.76	
10:17	3.4		6.66	956.40	13.66	2.43	71.10	11.65	
10:20	4.1		6.66	958.00	13.72	2.20	69.90	12.72	
10:23	4.8		6.66	958.40	13.76	2.02	68.90	14.03	
10:26	5.6		6.67	958.80	13.80	1.89	67.70	12.95	
10:29	6.3		6.67	960.80	13.79	1.79	66.60	10.04	
10:32	7.0		6.67	960.60	13.82	1.71	65.60	10.01	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/29/2025 10:32
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.67 pH 960.60 Spec. Cond. 13.82 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.63 feet below TOC Drawdown: 0.54 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760
- QA/QC Sample

Form Completed By: Justin Colp **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G151 Duplicate
Project Location:	Coffeen, IL	**Sample ID:**	096
W.O. Number (s):	25041418	**Date (s):**	4/29/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☐ S ☑ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/29/2025 9:24
Static Water Level: 10.33 feet below TOC
Total Depth: 23.60 feet below TOC
Water Column: 13.27 feet

Purging Activities

Purged By: BG Purge Date: 4/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.27 ft. x 0.022 = 0.29 L x 3 Vol. = 0.87 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:24	0.0	320	purge start time						
9:40	5.1	↓	6.91	905.10	14.53	3.61	125.60	11.14	
9:43	6.1		6.93	902.30	14.50	3.29	123.80	11.37	
9:46	7.0		6.93	902.20	14.48	2.99	122.40	18.58	
9:49	8.0		6.94	903.10	14.50	2.72	121.20	5.59	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/29/2025 9:49
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.94 pH 903.10 Spec. Cond. 14.50 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.38 feet below TOC Drawdown: 0.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344
- QA/QC Sample

Form Completed By: Brett Gillihan **Date:** 4/29/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G209 Duplicate
Project Location:	Coffeen, IL	**Sample ID:**	097
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 64 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 9:36
Static Water Level: 9.28 feet below TOC
Total Depth: 25.50 feet below TOC
Water Column: 16.22 feet

Purging Activities

Purged By: BG Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.22 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:36	0.0	217	purge start time						
9:47	2.4	↓	6.83	1,165.00	13.90	1.10	124.20	5.59	
9:50	3.0		6.81	1,166.20	13.98	0.93	115.70	3.84	
9:53	3.7		6.78	1,167.00	14.02	0.81	105.10	2.74	
9:56	4.3		6.76	1,168.20	14.03	0.74	94.30	3.93	
9:59	5.0		6.75	1,168.80	14.11	0.69	84.50	5.02	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/1/2025 9:59
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.75 pH 1,168.80 Spec. Cond. 14.11 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.37 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344
- QA/QC Sample

Form Completed By: Brett Gillihan **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G211 Duplicate
Project Location:	Coffeen, IL	**Sample ID:**	098
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☑ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 12:47
Static Water Level: 9.02 feet below TOC
Total Depth: 26.30 feet below TOC
Water Column: 17.28 feet

Purging Activities

Purged By: BG Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.28 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:47	0.0	231	purge start time						
13:01	3.2	↓	7.14	773.30	15.12	1.02	113.70	32.66	
13:04	3.9		7.14	772.30	15.07	0.99	111.50	74.74	
13:07	4.6		7.14	773.40	15.08	0.98	109.70	76.29	
13:10	5.3		7.14	772.50	15.09	0.96	107.70	170.31	
13:13	6.0		7.14	772.40	15.16	0.94	105.80	154.46	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/1/2025 13:13
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.14 pH 772.40 Spec. Cond. 15.16 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.18 feet below TOC Drawdown: 0.16 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223344
- QA/QC Sample

Form Completed By: Brett Gillihan **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G270 Duplicate
Project Location:	Coffeen, IL	**Sample ID:**	099
W.O. Number (s):	25041418	**Date (s):**	5/7/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 64 °F — Wind Direction: ☐ N ☐ S ☐ E ☑ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/7/2025 10:03
Static Water Level: 2.25 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 18.15 feet

Purging Activities

Purged By: JC — Purge Date: 5/7/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 18.15 ft. x 0.022 = 0.4 L x 3 Vol. = 1.2 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:03	0.0	237	purge start time						
9:14	-11.6	↓	6.77	686.60	14.18	0.91	126.20	16.26	
9:17	-10.9		6.79	687.40	14.20	0.81	125.40	16.25	
9:20	-10.2		6.80	687.40	14.23	0.75	124.30	19.96	
9:23	-9.5		6.81	687.30	14.20	0.70	123.20	22.51	
9:26	-8.8		6.82	687.50	14.21	0.66	122.20	24.54	
10:10	1.7		6.99	782.00	12.96	4.34	63.00	4.94	
10:13	2.4		6.95	781.00	12.88	3.66	63.00	5.05	
10:16	3.1		6.92	779.20	12.88	3.25	62.90	4.18	
10:19	3.8		6.91	780.40	12.77	3.00	62.90	4.16	
10:22	4.5		6.90	779.80	12.76	2.81	62.80	3.11	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/7/2025 10:22
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH — 779.80 Spec. Cond. — 12.76 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 3.30 feet below TOC — Drawdown: 1.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760
- QA/QC Sample

Form Completed By: Justin Colp — **Date:** 5/7/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G279 Duplicate
Project Location:	Coffeen, IL	**Sample ID:**	100
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Danny Crump — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 57 °F — Wind Direction: ☑ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 12:33

Static Water Level: 19.89 feet below TOC
Total Depth: 30.80 feet below TOC
Water Column: 10.91 feet

Purging Activities

Purged By: DC — Purge Date: 5/5/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 10.91 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 9.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:32	0.0	237	purge start time						
12:55	5.4	↓	6.92	632.40	14.57	8.09	182.40	1.00	
12:58	6.2		6.92	632.70	14.58	8.02	183.00	0.97	
13:01	6.9		6.91	634.20	14.57	7.93	183.70	0.89	
13:04	7.6		6.91	637.40	14.62	7.81	184.40	0.95	
13:07	8.3		6.90	640.90	14.67	7.71	185.00	0.84	
13:10	9.0		6.90	645.80	14.75	7.64	185.60	0.95	

Sampling Activities

Sampled By: DC — Sample Date/Time: 5/5/2025 13:10
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH — 645.80 Spec. Cond. — 14.75 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 20.11 feet below TOC — Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868
- QA/QC Sample

Form Completed By: [signature] **Date:** 5/5/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G306 Duplicate
Project Location:	Coffeen, IL	**Sample ID:**	101
W.O. Number (s):	25041418	**Date (s):**	4/30/2025

Field Team Members

Name: Payton Yoch — Affiliation: TekLab, Inc.
Name: Tracy Carroll — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 59 °F — Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☐ Light ☑ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/30/2025 9:55
Static Water Level: 5.22 feet below TOC
Total Depth: 20.90 feet below TOC
Water Column: 15.68 feet

Purging Activities

Purged By: PY — Purge Date: 4/30/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 15.68 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Slightly cloudy — Odor: None — Color: Light Brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:51	0.0	130	purge start time						
10:06	1.9	↓	6.11	571.90	12.30	2.21	125.50	23.37	
10:09	2.3		6.11	568.10	12.28	2.11	124.90	22.90	
10:12	2.7		6.12	566.30	12.25	2.03	124.10	23.81	
10:15	3.1		6.13	565.70	12.24	1.94	123.10	26.01	
10:18	3.5		6.15	565.20	12.26	1.89	122.00	25.81	

Sampling Activities

Sampled By: TC — Sample Date/Time: 4/30/2025 10:18
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.15 pH — 565.20 Spec. Cond. — 12.26 Temp
Field Filtered: No — Filter Type:
Water Level: 5.92 feet below TOC — Drawdown: 0.70 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868
- QA/QC Sample

Form Completed By: [signature] **Date:** 4/30/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G316 Duplicate
Project Location:	Coffeen, IL	**Sample ID:**	102
W.O. Number (s):	25041418	**Date (s):**	5/1/2025

Field Team Members

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

Weather Conditions

Temp: 65 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/1/2025 9:16
Static Water Level: 11.03 feet below TOC
Total Depth: 18.10 feet below TOC
Water Column: 7.07 feet

Purging Activities

Purged By: DC Purge Date: 5/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 7.07 ft. x 0.022 = 0.16 L x 3 Vol. = 0.48 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Clear Odor: Moderate Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:17	0.0	83	purge start time						
9:29	1.0	↓	6.78	1,551.90	12.27	1.12	157.70	2.97	
9:32	1.3		6.75	1,558.00	12.26	1.01	158.30	2.68	
9:35	1.5		6.73	1,546.80	12.25	0.92	159.60	2.75	
9:38	1.8		6.74	1,530.60	12.30	0.86	160.00	2.51	
9:41	2.0		6.76	1,516.90	12.30	0.82	160.10	2.25	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/1/2025 9:41
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.76 pH 1,516.90 Spec. Cond. 12.30 Temp
Field Filtered: No Filter Type:
Water Level: 11.62 feet below TOC Drawdown: 0.59 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868
- QA/QC Sample

Form Completed By: Payton Yoch **Date:** 5/1/2025

Field Data Sheet

Project Name:	COF-25Q2	**Monitoring Point:**	G411 Duplicate
Project Location:	Coffeen, IL	**Sample ID:**	103
W.O. Number (s):	25041418	**Date (s):**	5/5/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Brett Gillihan — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 58 °F — Wind Direction: ☐ N ☑ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 5/5/2025 14:01

Static Water Level: 5.28 feet below TOC
Total Depth: 19.20 feet below TOC
Water Column: 13.92 feet

Purging Activities

Purged By: JC — Purge Date: 5/5/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 13.92 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:02	0.0	200	purge start time						
14:09	1.4	↓	7.12	859.40	12.39	3.70	92.20	2.46	
14:12	2.0		7.09	859.90	12.34	3.09	92.70	2.50	
14:15	2.6		7.07	862.40	12.29	2.70	93.10	2.28	
14:18	3.2		7.06	865.00	12.23	2.43	93.50	1.40	
14:21	3.8		7.06	866.70	12.22	2.23	93.50	1.04	
14:24	4.4		7.06	869.00	12.20	2.07	93.30	0.94	
14:27	5.0		7.06	870.20	12.20	1.94	93.10	1.00	

Sampling Activities

Sampled By: JC — Sample Date/Time: 5/5/2025 14:27
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH — 870.20 Spec. Cond. — 12.20 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 5.69 feet below TOC — Drawdown: 0.41 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760
- QA/QC Sample

Form Completed By: Justin Colp — **Date:** 5/5/2025

Field Data Sheet

Project Name: COF-25Q2
Project Location: Coffeen, IL
W.O. Number (s): 25041418
Monitoring Point: Equipment Blank 1
Sample ID: 104
Date (s):

Field Team Members

Name: _____ Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification _____

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured: _____
Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

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

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: _____ pH _____ Spec. Cond. _____ Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample

Form Completed By: _____ **Date:** _____

Field Data Sheet

Project Name: COF-25Q2
Project Location: Coffeen, IL
W.O. Number (s): 25041418
Monitoring Point: Equipment Blank 2
Sample ID: 105
Date (s):

Field Team Members

Name: _____ Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification _____

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured: _____
Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

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

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: _____ pH _____ Spec. Cond. _____ Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample

Form Completed By: _____ **Date:** _____

Field Data Sheet

Project Name: COF-25Q2
Project Location: Coffeen, IL
W.O. Number (s): 25041418
Monitoring Point: Equipment Blank 3
Sample ID: 106
Date (s):

Field Team Members

Name: _____ Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification _____

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured: _____
Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

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

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: _____ pH _____ Spec. Cond. _____ Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample

Form Completed By: _____ **Date:** _____

Site Samping Event: COF-25Q2
LIMS Workorder: 25041418
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2025

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 210760 Technician(s): justin colp Date: 4/29/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	4/29/25 8:42
7.0 Buffer	wc250407a	7.00	4/29/25 8:38
10.0 Buffer	wc240625a	10.00	4/29/25 8:47
LCS/CCV (7.0 Buffer)	wc240913a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	4/29/25 8:56

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.18	4/29/25 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-1	LCS	4/29/25 8:59	24.2	7.03	1,410	0.2		
CCV-1	CCV	4/29/25 13:45	23.9	6.94	1,487	0.31		

Comments:

Field Meter ID: Pine 210760 Technician(s): justin colp Date: 5/1/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	5/1/25 8:17
7.0 Buffer	wc250407a	7.00	5/1/25 8:14
10.0 Buffer	wc240625a	10.00	5/1/25 8:23
LCS/CCV (7.0 Buffer)	wc240913a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/1/25 8:30

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.86	5/1/25 8:30
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	5/1/25 8:35	20.6	7.05	1,407	0.89		
CCV-2	CCV	5/1/25 14:49	22.4	6.93	1,434	0.86		

Comments:

Site Samping Event: COF-25Q2
LIMS Workorder: 25041418
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2025

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 210760 Technician(s): justin colp Date: 5/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	5/2/25 8:14
7.0 Buffer	wc250407a	7.00	5/2/25 8:10
10.0 Buffer	wc240625a	10.00	5/2/25 8:19
LCS/CCV (7.0 Buffer)	wc240913a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/2/25 8:25

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.94	5/2/25 8:26
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	5/2/25 8:29	19.6	6.99	1,419	0.93		
CCV-3	CCV	5/2/25 10:03	19.9	6.91	1,406	0.65		

Comments:

Field Meter ID: Pine 210760 Technician(s): justin colp Date: 5/5/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	5/5/25 9:44
7.0 Buffer	wc250407a	7.00	5/5/25 9:41
10.0 Buffer	wc240625a	10.00	5/5/25 9:48
LCS/CCV (7.0 Buffer)	wc240913a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/5/25 9:54

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.97	5/5/25 9:54
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-4	LCS	5/5/25 9:57	13.8	6.97	1,410	0.96		
CCV-4	CCV	5/5/25 15:01	18.4	6.91	1,382	1.34		

Comments:

Site Samping Event: COF-25Q2
LIMS Workorder: 25041418
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2025

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 210760 Technician(s): justin colp Date: 5/6/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	5/6/25 8:25
7.0 Buffer	wc250407a	7.00	5/6/25 8:19
10.0 Buffer	wc240625a	10.00	5/6/25 8:34
LCS/CCV (7.0 Buffer)	wc240913a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/6/25 8:38

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.12	5/6/25 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-5	LCS	5/6/25 8:43	14.9	7.03	1,401	1.09		
CCV-5	CCV	5/6/25 15:16	22.3	6.93	1,425	0.96		

Comments:

Field Meter ID: Pine 2100760 Technician(s): justin colp Date: 5/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	5/7/25 8:29
7.0 Buffer	wc250407a	7.00	5/7/25 8:25
10.0 Buffer	wc240625a	10.00	5/7/25 8:34
LCS/CCV (7.0 Buffer)	wc240913a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/7/25 8:41

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.6	5/7/25 8:42
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-6	LCS	5/7/25 8:45	17.6	7.04	1,398	0.56		
CCV-6	CCV	5/7/25 12:37	26	7.02	1,392	0.35		

Comments:

Site Samping Event: COF-25Q2
LIMS Workorder: 25041418
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2025

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 223344 Technician(s): Brett Gillihan Date: 4/29/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	4/29/25 8:53
7.0 Buffer	WC250407A	7.00	4/29/25 8:45
10.0 Buffer	WC240625A	10.00	4/29/25 8:57
LCS/CCV (7.0 Buffer)	WC240913A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	4/29/25 9:02

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.4	4/29/25 9:03
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-BG	LCS	4/29/25 9:07	20.5	7.00	1,412	0.4		
CCV-1-BG	CCV	4/29/25 14:02	21.3	7.01	1,412	0.4		

Comments:

Field Meter ID: Pine 223344 Technician(s): Brett Gillihan Date: 4/30/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	4/30/25 8:38
7.0 Buffer	WC250407A	7.00	4/30/25 8:20
10.0 Buffer	WC240625A	10.00	4/30/25 8:43
LCS/CCV (7.0 Buffer)	WC240912A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1414	4/30/25 8:49

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.03	4/30/25 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	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-BG	LCS	4/30/25 8:55	18.9	7.01	1,414	0.03		
CCV-2-BG	CCV	4/30/25 14:07	19.5	7.00	1,414	0.03		

Comments:

Site Samping Event: COF-25Q2
LIMS Workorder: 25041418
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2025

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 223344 Technician(s): Brett Gillihan Date: 5/1/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/1/25 8:51
7.0 Buffer	WC250407A	7.00	5/1/25 8:48
10.0 Buffer	WC240625A	10.00	5/1/25 8:52
LCS/CCV (7.0 Buffer)	WC240912A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/1/25 8:57

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.03	5/1/25 8:59
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-BG	LCS	5/1/25 8:59	18.8	7.01	1,412	0.03		
CCV-3-BG	CCV	5/1/25 14:53	21.4	7.01	1,412	0.03		

Comments:

Field Meter ID: Pine 223344 Technician(s): Brett Gillihan Date: 5/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/2/25 8:27
7.0 Buffer	WC250407A	7.00	5/2/25 8:22
10.0 Buffer	WC240625A	10.00	5/2/25 8:37
LCS/CCV (7.0 Buffer)	WC240912A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1417	5/2/25 8:40

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.3	5/2/25 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-4-BG	LCS	5/2/25 8:57	18.3	7.00	1,417	0.3		
CCV-4-BG	CCV	5/2/25 11:43	19.5	7.00	1,417	0.3		

Comments:

Site Samping Event: COF-25Q2
LIMS Workorder: 25041418
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2025

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 223344 Technician(s): Brett Gillihan Date: 5/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/2/25 8:27
7.0 Buffer	WC250407A	7.00	5/2/25 8:22
10.0 Buffer	WC240625A	10.00	5/2/25 8:37
LCS/CCV (7.0 Buffer)	WC240912A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1417	5/2/25 8:40

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.3	5/2/25 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-5-BG	LCS	5/2/25 8:57	18.3	7.00	1,417	0.3		
CCV-5-BG	CCV	5/2/25 11:43	19.5	7.00	1,417	0.3		

Comments:

Site Samping Event: COF-25Q2
LIMS Workorder: 25041418
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2025

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 46868 Technician(s): Payton Yoch Date: 4/29/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	4/29/25 9:01
7.0 Buffer	WC250407A	7.00	4/29/25 8:49
10.0 Buffer	WC240625A	10.00	4/29/25 9:02
LCS/CCV (7.0 Buffer)	WC240912A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	4/29/25 9:04

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.93	4/29/25 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-PY	LCS	4/29/25 9:08	23.9	7.07	1,412	0.93		
CCV-1-PY	CCV	4/29/25 14:01	24	7.08	1,379	0.41		

Comments:

Field Meter ID: Pine 46868 Technician(s): Payton Yoch Date: 4/30/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	4/30/25 8:50
7.0 Buffer	WC250407A	7.00	4/30/25 8:47
10.0 Buffer	WC240625A	10.00	4/30/25 8:54
LCS/CCV (7.0 Buffer)	WC240912A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	4/30/25 8:57

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.64	4/30/25 9:02
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-PY	LCS	4/30/25 9:06	17.5	7.05	1,412	0.64		
CCV-2-PY	CCV	4/30/25 14:00	19.1	7.07	1,361	0.81		

Comments:

Site Samping Event: COF-25Q2
LIMS Workorder: 25041418
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2025

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 46868 Technician(s): Payton Yoch Date: 5/1/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/1/25 8:48
7.0 Buffer	WC250407A	7.00	5/1/25 8:44
10.0 Buffer	WC240625A	10.00	5/1/25 8:52
LCS/CCV (7.0 Buffer)	WC240912A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/1/25 8:56

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.88	5/1/25 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-PY	LCS	5/1/25 9:03	19.5	7.07	1,411	0.88		
CCV-3-PY	CCV	5/1/25 14:30	20.4	7.08	1,376	0.81		

Comments:

Field Meter ID: Pine 46868 Technician(s): Payton Yoch Date: 5/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/2/25 8:44
7.0 Buffer	WC250407A	7.00	5/2/25 8:41
10.0 Buffer	WC240625A	10.00	5/2/25 8:47
LCS/CCV (7.0 Buffer)	WC240912A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/2/25 8:51

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.88	5/2/25 8:35
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-PY	LCS	5/2/25 8:53	18.9	7.07	1,412	0.88		
CCV-4-PY	CCV	5/2/25 10:36	19.4	7.06	1,354	0.79		

Comments:

Site Samping Event: COF-25Q2
LIMS Workorder: 25041418
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2025

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 46868 Technician(s): Payton Yoch Date: 5/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/5/25 8:50
7.0 Buffer	WC250407A	7.00	5/5/25 8:47
10.0 Buffer	WC240625A	10.00	5/5/25 8:55
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/5/25 8:59

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A	0.46	5/5/25 9:01

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-5-PY	LCS	5/5/25 9:06	13.6	7.07	1,412	0.46		
CCV-5-PY	CCV	5/5/25 15:01	17.1	7.08	1,365	0.47		

Comments:

Field Meter ID: Pine 46868 Technician(s): Payton Yoch Date: 5/6/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/6/25 8:45
7.0 Buffer	WC250407A	7.00	5/6/25 8:42
10.0 Buffer	WC240625A	10.00	5/6/25 8:49
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/6/25 8:54

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.48	5/6/25 8:38
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-6-PY	LCS	5/6/25 8:58	14.1	7.06	1,412	0.48		
CCV-6-PY	CCV	5/6/25 15:30	21.8	7.06	1,359	0.58		

Comments:

Site Samping Event: COF-25Q2
LIMS Workorder: 25041418
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2025

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 46868 Technician(s): Payton Yoch Date: 5/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/7/25 8:31
7.0 Buffer	WC250407A	7.00	5/7/25 8:27
10.0 Buffer	WC240625A	10.00	5/7/25 8:34
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/7/25 8:39

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.59	5/7/25 8:19
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-7-PY	LCS	5/7/25 8:46	18	7.06	1,412	0.59		
CCV-7-PY	CCV	5/7/25 12:55	22.2	7.04	1,378	0.67		

Comments:

Field Meter ID: Pine 46868 Technician(s): Payton Yoch Date: 5/8/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/8/25 8:32
7.0 Buffer	WC250407A	7.00	5/8/25 8:29
10.0 Buffer	WC240625A	10.00	5/8/25 8:37
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/8/25 8:40

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.42	5/8/25 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	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-8-PY	LCS	5/8/25 8:41	19.1	7.05	1,412	0.42		
CCV-8-PY	CCV	5/8/25 10:03	18.4	7.04	1,408	0.33		

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 46868
Description YSI Pro DSS Sonde
Calibrated 4/25/2025 11:02:37AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 19K103392
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	7.45	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.48	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.16	10.00	0.00%	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	0.00	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	113.41	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
1.413 / 1.413	ms/cm	1.413	ms/cm	1.530	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	185.30	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

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 46868
Description YSI Pro DSS Sonde
Calibrated 4/25/2025 11:02:37AM

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	%	87.80	99.50	-0.50%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL AUTOCAL LOT#24014218	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24014218		9/25/2025
STL ORP SOLUTION 240MV L#4GJ1196	STL ORP SOLUTION 240MV L#4GJ1196	AquaPhoenix Scientific	ORP Solution	4GJ1196		7/25/2025
STL PH10 #4GK0200	STL PH10 #4GK0200	Absolute Accuracy	PH 10	4GK0200		11/25/2026
STL PH4 L#4GJ1193	STL pH4 L#4GJ1193	AquaPhoenix Scientific	pH 4	4GJ1193		10/25/2026
STL PH7 L#4GK0202	STL PH7 L#4GK0202	AquaPhoenix Scientific	PH7	4GK0202		11/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated 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 210760
Description YSI Pro DSS Sonde
Calibrated 4/25/2025 11:04:23AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 22C103125
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	7.65	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.76	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	9.90	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	0.73	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	83.62	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	1.681	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	234.00	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC
11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 210760
Description YSI Pro DSS Sonde
Calibrated 4/25/2025 11:04:23AM

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	%	94.40	99.60	-0.40%	Pass

Test Instruments Used During the Calibration **(As Of Cal Entry Date)**

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL AUTOCAL LOT#24014218	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24014218		9/25/2025
STL ORP SOLUTION 240MV L#4GJ1196	STL ORP SOLUTION 240MV L#4GJ1196	AquaPhoenix Scientific	ORP Solution	4GJ1196		7/25/2025
STL PH10 #4GK0200	STL PH10 #4GK0200	Absolute Accuracy	PH 10	4GK0200		11/25/2026
STL PH4 L#4GJ1193	STL pH4 L#4GJ1193	AquaPhoenix Scientific	pH 4	4GJ1193		10/25/2026
STL PH7 L#4GK0202	STL PH7 L#4GK0202	AquaPhoenix Scientific	PH7	4GK0202		11/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated 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 223344
Description YSI Pro DSS Sonde
Calibrated 4/25/2025 10:59:49AM

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	7.54	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.70	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.20	10.00	0.00%	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	1.15	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	153.88	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	1.492	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	249.90	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 223344
Description YSI Pro DSS Sonde
Calibrated 4/25/2025 10:59:49AM

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	%	95.40	99.60	-0.40%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL AUTOCAL LOT#24014218	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24014218		9/25/2025
STL ORP SOLUTION 240MV L#4GJ1196	STL ORP SOLUTION 240MV L#4GJ1196	AquaPhoenix Scientific	ORP Solution	4GJ1196		7/25/2025
STL PH10 #4GK0200	STL PH10 #4GK0200	Absolute Accuracy	PH 10	4GK0200		11/25/2026
STL PH4 L#4GJ1193	STL pH4 L#4GJ1193	AquaPhoenix Scientific	pH 4	4GJ1193		10/25/2026
STL PH7 L#4GK0202	STL PH7 L#4GK0202	AquaPhoenix Scientific	PH7	4GK0202		11/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated 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

ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 2, 2025

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G271	UA	E009	Antimony, total	mg/L	11/23/15 - 05/07/25	30	83	CB around T-S line	0.00227	0.003
G271	UA	E009	Arsenic, total	mg/L	11/23/15 - 05/07/25	32	97	CI around median	0.001	0.00660
G271	UA	E009	Barium, total	mg/L	11/23/15 - 05/07/25	33	0	CB around T-S line	0.0154	0.110
G271	UA	E009	Beryllium, total	mg/L	11/23/15 - 05/07/25	30	97	CI around median	0.001	0.001
G271	UA	E009	Boron, total	mg/L	11/23/15 - 05/07/25	34	0	CI around geomean	0.646	1.00
G271	UA	E009	Cadmium, total	mg/L	11/23/15 - 05/07/25	30	97	CI around median	0.001	0.001
G271	UA	E009	Chloride, total	mg/L	11/23/15 - 05/07/25	34	0	CB around linear reg	45.1	67.0
G271	UA	E009	Chromium, total	mg/L	11/23/15 - 05/07/25	32	78	CB around T-S line	0.00291	0.0190
G271	UA	E009	Cobalt, total	mg/L	11/23/15 - 05/07/25	32	97	CB around T-S line	0.00153	0.00590
G271	UA	E009	Fluoride, total	mg/L	11/23/15 - 05/07/25	34	15	CI around mean	0.339	0.564
G271	UA	E009	Lead, total	mg/L	11/23/15 - 05/07/25	33	76	CI around median	0.001	0.0120
G271	UA	E009	Lithium, total	mg/L	11/23/15 - 05/07/25	28	89	CI around median	0.0036	0.0190
G271	UA	E009	Mercury, total	mg/L	11/23/15 - 05/07/25	30	100	All ND - Last	0.0002	0.0002
G271	UA	E009	Molybdenum, total	mg/L	11/23/15 - 05/07/25	33	76	CI around median	0.001	0.00450
G271	UA	E009	pH (field)	SU	11/23/15 - 05/07/25	36	0	CI around mean	7.1/7.2	6.6/7.6
G271	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/23/15 - 05/07/25	28	0	CI around geomean	0.304	1.60
G271	UA	E009	Selenium, total	mg/L	11/23/15 - 05/07/25	32	12	CB around T-S line	0.000734	0.00480
G271	UA	E009	Sulfate, total	mg/L	11/23/15 - 05/07/25	34	0	CB around T-S line	151	94.0
G271	UA	E009	Thallium, total	mg/L	11/23/15 - 05/07/25	31	97	CB around T-S line	0.001	0.001
G271	UA	E009	Total Dissolved Solids	mg/L	11/23/15 - 05/07/25	34	0	CB around linear reg	580	551
G273	UA	E009	Antimony, total	mg/L	11/24/15 - 05/05/25	30	90	CB around T-S line	0.00163	0.003
G273	UA	E009	Arsenic, total	mg/L	11/24/15 - 05/05/25	33	85	CI around median	0.001	0.00660
G273	UA	E009	Barium, total	mg/L	11/24/15 - 05/05/25	33	0	CI around median	0.029	0.110
G273	UA	E009	Beryllium, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.001	0.001
G273	UA	E009	Boron, total	mg/L	11/24/15 - 05/05/25	34	0	CB around T-S line	-0.0374	1.00
G273	UA	E009	Cadmium, total	mg/L	11/24/15 - 05/05/25	30	97	CI around median	0.001	0.001
G273	UA	E009	Chloride, total	mg/L	11/24/15 - 05/05/25	34	0	CB around T-S line	66.7	67.0

ATTACHMENT C.
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COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G273	UA	E009	Chromium, total	mg/L	11/24/15 - 05/05/25	32	94	CB around T-S line	0.00304	0.0190
G273	UA	E009	Cobalt, total	mg/L	11/24/15 - 05/05/25	32	97	CB around T-S line	0.00155	0.00590
G273	UA	E009	Fluoride, total	mg/L	11/24/15 - 05/05/25	34	29	CI around mean	0.304	0.564
G273	UA	E009	Lead, total	mg/L	11/24/15 - 05/05/25	33	91	CI around median	0.001	0.0120
G273	UA	E009	Lithium, total	mg/L	11/24/15 - 05/05/25	28	64	CI around median	0.0089	0.0190
G273	UA	E009	Mercury, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.0002	0.0002
G273	UA	E009	Molybdenum, total	mg/L	11/24/15 - 05/05/25	33	94	CB around T-S line	0.001	0.00450
G273	UA	E009	pH (field)	SU	11/24/15 - 05/05/25	36	0	CI around mean	7.0/7.1	6.6/7.6
G273	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 05/05/25	28	0	CI around median	0.232	1.60
G273	UA	E009	Selenium, total	mg/L	11/24/15 - 05/05/25	33	97	CI around median	0.001	0.00480
G273	UA	E009	Sulfate, total	mg/L	11/24/15 - 05/05/25	34	0	CI around median	410	94.0
G273	UA	E009	Thallium, total	mg/L	11/24/15 - 05/05/25	31	94	CB around T-S line	0.001	0.001
G273	UA	E009	Total Dissolved Solids	mg/L	11/24/15 - 05/05/25	34	0	CB around linear reg	1,040	551
G275	UA	E009	Antimony, total	mg/L	10/14/20 - 04/29/25	14	86	CB around T-S line	0.00033	0.003
G275	UA	E009	Arsenic, total	mg/L	10/14/20 - 04/29/25	14	71	CI around median	0.001	0.00660
G275	UA	E009	Barium, total	mg/L	10/14/20 - 04/29/25	14	0	CI around median	0.025	0.110
G275	UA	E009	Beryllium, total	mg/L	10/14/20 - 04/29/25	14	100	All ND - Last	0.001	0.001
G275	UA	E009	Boron, total	mg/L	10/14/20 - 04/29/25	14	0	CI around mean	1.66	1.00
G275	UA	E009	Cadmium, total	mg/L	10/14/20 - 04/29/25	14	100	All ND - Last	0.001	0.001
G275	UA	E009	Chloride, total	mg/L	10/14/20 - 04/29/25	14	0	CB around linear reg	5.47	67.0
G275	UA	E009	Chromium, total	mg/L	10/14/20 - 04/29/25	14	79	CI around median	0.0021	0.0190
G275	UA	E009	Cobalt, total	mg/L	10/14/20 - 04/29/25	14	93	CB around T-S line	0.000601	0.00590
G275	UA	E009	Fluoride, total	mg/L	10/14/20 - 04/29/25	14	29	CI around mean	0.316	0.564
G275	UA	E009	Lead, total	mg/L	10/14/20 - 04/29/25	14	93	CI around median	0.001	0.0120
G275	UA	E009	Lithium, total	mg/L	06/08/23 - 04/29/25	6	17	CI around mean	0.00544	0.0190
G275	UA	E009	Mercury, total	mg/L	10/14/20 - 04/29/25	14	100	All ND - Last	0.0002	0.0002
G275	UA	E009	Molybdenum, total	mg/L	10/14/20 - 04/29/25	14	100	All ND - Last	0.0015	0.00450

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GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G275	UA	E009	pH (field)	SU	10/14/20 - 04/29/25	14	0	CI around mean	6.8/7.0	6.6/7.6
G275	UA	E009	Radium 226 + Radium 228, total	pCi/L	06/08/23 - 04/29/25	6	0	CI around mean	-0.0943	1.60
G275	UA	E009	Selenium, total	mg/L	10/14/20 - 04/29/25	14	93	CI around median	0.001	0.00480
G275	UA	E009	Sulfate, total	mg/L	10/14/20 - 04/29/25	14	0	CB around linear reg	141	94.0
G275	UA	E009	Thallium, total	mg/L	10/14/20 - 04/29/25	14	100	All ND - Last	0.002	0.001
G275	UA	E009	Total Dissolved Solids	mg/L	10/14/20 - 04/29/25	14	0	CB around linear reg	471	551
G275D	DA	E009	Antimony, total	mg/L	03/30/21 - 04/29/25	14	93	CB around T-S line	-0.0000245	0.003
G275D	DA	E009	Arsenic, total	mg/L	03/30/21 - 04/29/25	14	0	CI around mean	0.00944	0.00660
G275D	DA	E009	Barium, total	mg/L	03/30/21 - 04/29/25	14	0	CI around mean	0.375	0.110
G275D	DA	E009	Beryllium, total	mg/L	03/30/21 - 04/29/25	14	100	All ND - Last	0.001	0.001
G275D	DA	E009	Boron, total	mg/L	03/30/21 - 04/29/25	14	0	CB around T-S line	-0.415	1.00
G275D	DA	E009	Cadmium, total	mg/L	03/30/21 - 04/29/25	14	100	All ND - Last	0.001	0.001
G275D	DA	E009	Chloride, total	mg/L	03/30/21 - 04/29/25	14	0	CB around linear reg	6	67.0
G275D	DA	E009	Chromium, total	mg/L	03/30/21 - 04/29/25	14	86	CB around T-S line	-0.00143	0.0190
G275D	DA	E009	Cobalt, total	mg/L	03/30/21 - 04/29/25	14	71	CB around T-S line	-0.000891	0.00590
G275D	DA	E009	Fluoride, total	mg/L	03/30/21 - 04/29/25	14	29	CI around mean	0.4	0.564
G275D	DA	E009	Lead, total	mg/L	03/30/21 - 04/29/25	14	93	CI around median	0.001	0.0120
G275D	DA	E009	Lithium, total	mg/L	03/30/21 - 04/29/25	14	64	CB around T-S line	-0.00536	0.0190
G275D	DA	E009	Mercury, total	mg/L	03/30/21 - 04/29/25	14	93	CI around median	0.0002	0.0002
G275D	DA	E009	Molybdenum, total	mg/L	03/30/21 - 04/29/25	14	36	CB around linear reg	-0.0108	0.00450
G275D	DA	E009	pH (field)	SU	03/30/21 - 04/29/25	14	0	CI around mean	7.0/7.3	6.6/7.6
G275D	DA	E009	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 04/29/25	15	0	CI around mean	0.707	1.60
G275D	DA	E009	Selenium, total	mg/L	03/30/21 - 04/29/25	14	100	All ND - Last	0.001	0.00480
G275D	DA	E009	Sulfate, total	mg/L	03/30/21 - 04/29/25	14	0	CB around linear reg	40	94.0
G275D	DA	E009	Thallium, total	mg/L	03/30/21 - 04/29/25	14	100	All ND - Last	0.002	0.001
G275D	DA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/29/25	14	0	CI around median	855	551
G276	UA	E009	Antimony, total	mg/L	11/24/15 - 04/29/25	30	93	CB around T-S line	0.00174	0.003

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GMF RECYCLE POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G276	UA	E009	Arsenic, total	mg/L	11/24/15 - 04/29/25	33	97	CI around median	0.001	0.00660
G276	UA	E009	Barium, total	mg/L	11/24/15 - 04/29/25	33	0	CB around T-S line	0.0307	0.110
G276	UA	E009	Beryllium, total	mg/L	11/24/15 - 04/29/25	30	100	All ND - Last	0.001	0.001
G276	UA	E009	Boron, total	mg/L	11/24/15 - 04/29/25	34	9	CI around geomean	0.0185	1.00
G276	UA	E009	Cadmium, total	mg/L	11/24/15 - 04/29/25	30	100	All ND - Last	0.001	0.001
G276	UA	E009	Chloride, total	mg/L	11/24/15 - 04/29/25	34	0	CB around T-S line	23	67.0
G276	UA	E009	Chromium, total	mg/L	11/24/15 - 04/29/25	32	84	CB around T-S line	0.00331	0.0190
G276	UA	E009	Cobalt, total	mg/L	11/24/15 - 04/29/25	32	100	All ND - Last	0.001	0.00590
G276	UA	E009	Fluoride, total	mg/L	11/24/15 - 04/29/25	34	18	CB around T-S line	0.328	0.564
G276	UA	E009	Lead, total	mg/L	11/24/15 - 04/29/25	33	94	CI around median	0.001	0.0120
G276	UA	E009	Lithium, total	mg/L	11/24/15 - 04/29/25	28	36	CI around median	0.0115	0.0190
G276	UA	E009	Mercury, total	mg/L	11/24/15 - 04/29/25	30	100	All ND - Last	0.0002	0.0002
G276	UA	E009	Molybdenum, total	mg/L	11/24/15 - 04/29/25	33	82	CB around T-S line	0.001	0.00450
G276	UA	E009	pH (field)	SU	11/24/15 - 04/29/25	35	0	CB around linear reg	6.7/7.0	6.6/7.6
G276	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 04/29/25	28	0	CI around geomean	0.327	1.60
G276	UA	E009	Selenium, total	mg/L	11/24/15 - 04/29/25	33	36	CB around T-S line	0.000577	0.00480
G276	UA	E009	Sulfate, total	mg/L	11/24/15 - 04/29/25	34	0	CB around T-S line	260	94.0
G276	UA	E009	Thallium, total	mg/L	11/24/15 - 04/29/25	31	100	All ND - Last	0.002	0.001
G276	UA	E009	Total Dissolved Solids	mg/L	11/24/15 - 04/29/25	34	0	CB around T-S line	914	551
G277	UA	E009	Antimony, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.001	0.003
G277	UA	E009	Arsenic, total	mg/L	10/14/20 - 05/05/25	14	79	CI around median	0.001	0.00660
G277	UA	E009	Barium, total	mg/L	10/14/20 - 05/05/25	14	0	CB around linear reg	0.0182	0.110
G277	UA	E009	Beryllium, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.001	0.001
G277	UA	E009	Boron, total	mg/L	10/14/20 - 05/05/25	14	0	CB around linear reg	0.163	1.00
G277	UA	E009	Cadmium, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.001	0.001
G277	UA	E009	Chloride, total	mg/L	10/14/20 - 05/05/25	14	0	CB around linear reg	102	67.0
G277	UA	E009	Chromium, total	mg/L	10/14/20 - 05/05/25	14	71	CB around T-S line	0.000769	0.0190

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GMF RECYCLE POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G277	UA	E009	Cobalt, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.001	0.00590
G277	UA	E009	Fluoride, total	mg/L	10/14/20 - 05/05/25	14	29	CI around median	0.265	0.564
G277	UA	E009	Lead, total	mg/L	10/14/20 - 05/05/25	14	86	CI around median	0.001	0.0120
G277	UA	E009	Lithium, total	mg/L	06/01/23 - 05/05/25	5	20	CI around mean	0.00739	0.0190
G277	UA	E009	Mercury, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.0002	0.0002
G277	UA	E009	Molybdenum, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.0015	0.00450
G277	UA	E009	pH (field)	SU	10/14/20 - 05/05/25	14	0	CI around mean	6.7/7.0	6.6/7.6
G277	UA	E009	Radium 226 + Radium 228, total	pCi/L	06/01/23 - 05/05/25	5	0	CI around mean	-0.209	1.60
G277	UA	E009	Selenium, total	mg/L	10/14/20 - 05/05/25	14	64	CI around median	0.001	0.00480
G277	UA	E009	Sulfate, total	mg/L	10/14/20 - 05/05/25	14	0	CB around linear reg	540	94.0
G277	UA	E009	Thallium, total	mg/L	10/14/20 - 05/05/25	14	100	All ND - Last	0.002	0.001
G277	UA	E009	Total Dissolved Solids	mg/L	10/14/20 - 05/05/25	14	0	CB around linear reg	1,250	551
G279	UA	E009	Antimony, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.001	0.003
G279	UA	E009	Arsenic, total	mg/L	11/24/15 - 05/05/25	33	88	CI around median	0.001	0.00660
G279	UA	E009	Barium, total	mg/L	11/24/15 - 05/05/25	33	0	CB around T-S line	0.0285	0.110
G279	UA	E009	Beryllium, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.001	0.001
G279	UA	E009	Boron, total	mg/L	11/24/15 - 05/05/25	34	0	CB around linear reg	1.62	1.00
G279	UA	E009	Cadmium, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.001	0.001
G279	UA	E009	Chloride, total	mg/L	11/24/15 - 05/05/25	34	0	CB around linear reg	204	67.0
G279	UA	E009	Chromium, total	mg/L	11/24/15 - 05/05/25	32	94	CB around T-S line	0.00298	0.0190
G279	UA	E009	Cobalt, total	mg/L	11/24/15 - 05/05/25	32	97	CB around T-S line	0.00156	0.00590
G279	UA	E009	Fluoride, total	mg/L	11/24/15 - 05/05/25	34	15	CI around mean	0.339	0.564
G279	UA	E009	Lead, total	mg/L	11/24/15 - 05/05/25	33	94	CI around median	0.001	0.0120
G279	UA	E009	Lithium, total	mg/L	11/24/15 - 05/05/25	33	64	CI around median	0.011	0.0190
G279	UA	E009	Mercury, total	mg/L	11/24/15 - 05/05/25	30	100	All ND - Last	0.0002	0.0002
G279	UA	E009	Molybdenum, total	mg/L	11/24/15 - 05/05/25	33	91	CI around median	0.001	0.00450
G279	UA	E009	pH (field)	SU	11/24/15 - 05/05/25	34	0	CB around linear reg	6.5/6.8	6.6/7.6

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G279	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 05/05/25	33	0	CB around T-S line	0.00105	1.60
G279	UA	E009	Selenium, total	mg/L	11/24/15 - 05/05/25	33	18	CB around linear reg	-0.0039	0.00480
G279	UA	E009	Sulfate, total	mg/L	11/24/15 - 05/05/25	34	0	CI around geomean	454	94.0
G279	UA	E009	Thallium, total	mg/L	11/24/15 - 05/05/25	31	100	All ND - Last	0.002	0.001
G279	UA	E009	Total Dissolved Solids	mg/L	11/24/15 - 05/05/25	34	0	CB around linear reg	2,260	551
G283	LCU	E009	Antimony, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.003
G283	LCU	E009	Arsenic, total	mg/L	03/31/21 - 05/06/25	17	71	CI around median	0.001	0.00660
G283	LCU	E009	Barium, total	mg/L	03/31/21 - 05/06/25	17	0	CI around mean	0.156	0.110
G283	LCU	E009	Beryllium, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.001
G283	LCU	E009	Boron, total	mg/L	03/31/21 - 05/06/25	17	0	CB around T-S line	0.0478	1.00
G283	LCU	E009	Cadmium, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.001
G283	LCU	E009	Chloride, total	mg/L	03/31/21 - 05/06/25	17	0	CI around mean	38.1	67.0
G283	LCU	E009	Chromium, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.0015	0.0190
G283	LCU	E009	Cobalt, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.00590
G283	LCU	E009	Fluoride, total	mg/L	03/31/21 - 05/06/25	17	35	CI around mean	0.316	0.564
G283	LCU	E009	Lead, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.0120
G283	LCU	E009	Lithium, total	mg/L	03/31/21 - 05/06/25	17	53	CB around T-S line	0.00526	0.0190
G283	LCU	E009	Mercury, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.0002	0.0002
G283	LCU	E009	Molybdenum, total	mg/L	03/31/21 - 05/06/25	17	6	CI around mean	0.00153	0.00450
G283	LCU	E009	pH (field)	SU	03/31/21 - 05/06/25	17	0	CI around mean	7.0/7.1	6.6/7.6
G283	LCU	E009	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 05/06/25	17	0	CI around median	0.698	1.60
G283	LCU	E009	Selenium, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.001	0.00480
G283	LCU	E009	Sulfate, total	mg/L	03/31/21 - 05/06/25	17	0	CB around linear reg	258	94.0
G283	LCU	E009	Thallium, total	mg/L	03/31/21 - 05/06/25	17	100	All ND - Last	0.002	0.001
G283	LCU	E009	Total Dissolved Solids	mg/L	03/31/21 - 05/06/25	17	0	CI around mean	771	551
G284	UA	E009	Antimony, total	mg/L	03/30/21 - 05/06/25	16	94	CB around T-S line	0.0000798	0.003
G284	UA	E009	Arsenic, total	mg/L	03/30/21 - 05/06/25	16	94	Most recent sample	0.001	0.00660

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
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COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G284	UA	E009	Barium, total	mg/L	03/30/21 - 05/06/25	16	0	CI around geomean	0.0611	0.110
G284	UA	E009	Beryllium, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.001	0.001
G284	UA	E009	Boron, total	mg/L	03/30/21 - 05/06/25	16	0	CI around geomean	0.0398	1.00
G284	UA	E009	Cadmium, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.001	0.001
G284	UA	E009	Chloride, total	mg/L	03/30/21 - 05/06/25	16	0	CB around linear reg	10.6	67.0
G284	UA	E009	Chromium, total	mg/L	03/30/21 - 05/06/25	16	88	CB around T-S line	0.000452	0.0190
G284	UA	E009	Cobalt, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.001	0.00590
G284	UA	E009	Fluoride, total	mg/L	03/30/21 - 05/06/25	16	25	CI around mean	0.471	0.564
G284	UA	E009	Lead, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.001	0.0120
G284	UA	E009	Lithium, total	mg/L	03/30/21 - 05/06/25	16	56	CB around T-S line	0.00551	0.0190
G284	UA	E009	Mercury, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.0002	0.0002
G284	UA	E009	Molybdenum, total	mg/L	03/30/21 - 05/06/25	16	25	CI around median	0.001	0.00450
G284	UA	E009	pH (field)	SU	03/30/21 - 05/06/25	16	0	CI around mean	7.0/7.2	6.6/7.6
G284	UA	E009	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 05/06/25	16	0	CI around mean	0.25	1.60
G284	UA	E009	Selenium, total	mg/L	03/30/21 - 05/06/25	16	81	CI around median	0.001	0.00480
G284	UA	E009	Sulfate, total	mg/L	03/30/21 - 05/06/25	16	0	CI around median	60	94.0
G284	UA	E009	Thallium, total	mg/L	03/30/21 - 05/06/25	16	100	All ND - Last	0.002	0.001
G284	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 05/06/25	16	0	CI around median	440	551
G285	LCU	E009	Antimony, total	mg/L	03/30/21 - 05/07/25	17	100	All ND - Last	0.001	0.003
G285	LCU	E009	Arsenic, total	mg/L	03/30/21 - 05/07/25	17	65	CI around median	0.001	0.00660
G285	LCU	E009	Barium, total	mg/L	03/30/21 - 05/07/25	17	0	CB around linear reg	0.0196	0.110
G285	LCU	E009	Beryllium, total	mg/L	03/30/21 - 05/07/25	17	100	All ND - Last	0.001	0.001
G285	LCU	E009	Boron, total	mg/L	03/30/21 - 05/07/25	17	0	CI around mean	0.111	1.00
G285	LCU	E009	Cadmium, total	mg/L	03/30/21 - 05/07/25	17	100	All ND - Last	0.001	0.001
G285	LCU	E009	Chloride, total	mg/L	03/30/21 - 05/07/25	17	0	CB around linear reg	4.36	67.0
G285	LCU	E009	Chromium, total	mg/L	03/30/21 - 05/07/25	17	88	CB around T-S line	0.000277	0.0190
G285	LCU	E009	Cobalt, total	mg/L	03/30/21 - 05/07/25	17	18	CI around geomean	0.00174	0.00590

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
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COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G285	LCU	E009	Fluoride, total	mg/L	03/30/21 - 05/07/25	17	41	CB around linear reg	0.4	0.564
G285	LCU	E009	Lead, total	mg/L	03/30/21 - 05/07/25	17	100	All ND - Last	0.001	0.0120
G285	LCU	E009	Lithium, total	mg/L	03/30/21 - 05/07/25	17	53	CB around T-S line	-0.000383	0.0190
G285	LCU	E009	Mercury, total	mg/L	03/30/21 - 05/07/25	17	94	CI around median	0.0002	0.0002
G285	LCU	E009	Molybdenum, total	mg/L	03/30/21 - 05/07/25	17	0	CB around linear reg	0.000806	0.00450
G285	LCU	E009	pH (field)	SU	03/30/21 - 05/07/25	17	0	CB around T-S line	6.3/6.6	6.6/7.6
G285	LCU	E009	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 05/07/25	17	0	CI around geomean	1.25	1.60
G285	LCU	E009	Selenium, total	mg/L	03/30/21 - 05/07/25	17	100	All ND - Last	0.001	0.00480
G285	LCU	E009	Sulfate, total	mg/L	03/30/21 - 05/07/25	17	0	CB around linear reg	648	94.0
G285	LCU	E009	Thallium, total	mg/L	03/30/21 - 05/07/25	17	94	CB around T-S line	0.001	0.001
G285	LCU	E009	Total Dissolved Solids	mg/L	03/30/21 - 05/07/25	17	0	CI around mean	1,470	551

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Notes:
Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Illinois Power Generating Company's (IPGC's) operating permit application for the GMF Recycle Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, IPGC has not identified any actual exceedances.

Events:
- E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:
- DA = Deep Aquifer
- LCU = Lower Confining Unit
- UA = Uppermost Aquifer

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

Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
Statistical Result Code (if applicable):
- NR[1] = Parameter not analyzed.
- NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
- NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
- NS[3] = The location was not accessible; therefore, a sample was not collected.
- NS[4] = The location could not be found; therefore, a sample was not collected.
- NS[5] = The location was damaged; therefore, a sample was not collected.
- NS[6] = Sampling pump could not yield a sample.
- NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS[8] = A sample was not collected.
- PM[1] = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

For pH, the values presented are the lower / upper limits of the background determination