

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

May 31, 2025

Illinois Environmental Protection Agency
DWPC – Permits MC#15
Attn: Part 845 Coal Combustion Residual Rule Submittal
2520 W Iles Ave.
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 1, 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 exceedances¹ of the GWPSs.

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), and 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 will be submitted to the Agency on or before June 12, 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, PE, PMP
Senior Director, Demolition and Decommission

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 1, 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 Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of 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.

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES¹
QUARTER 1, 2025
GMF RECYCLE POND, COFFEEN POWER PLANT, COFFEEN, ILLINOIS

May 31, 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 April 1, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 1, 2025 sampling event. Monitoring wells G275 and G277 were dry; therefore, groundwater elevation data were not reported and groundwater samples were not collected. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 1, 2025 sampling event.

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 Plan², constituent concentrations observed at compliance monitoring wells in Quarter 1, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

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

As allowed in 35 I.A.C. § 845.650(e), an Alternative Source Demonstration³ (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, 2024⁴ that did not concur with the ASD. The non-concurrence was not appealed.

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of 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.*

TABLES

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

FIGURES

Figure 1	Monitoring Well Location Map

ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 1, 2025
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 1, 2025
Attachment C	Comparison to Background - Quarter 1, 2025

TABLES

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G270	Background	E008	02/11/2025	Antimony, total	0.0004 U	mg/L
G270	Background	E008	02/11/2025	Arsenic, total	0.0005 J	mg/L
G270	Background	E008	02/11/2025	Barium, total	0.0407	mg/L
G270	Background	E008	02/11/2025	Beryllium, total	0.0002 U	mg/L
G270	Background	E008	02/11/2025	Boron, total	0.015 J	mg/L
G270	Background	E008	02/11/2025	Cadmium, total	0.0002 U	mg/L
G270	Background	E008	02/11/2025	Calcium, total	57.4	mg/L
G270	Background	E008	02/11/2025	Chloride, total	13.6	mg/L
G270	Background	E008	02/11/2025	Chromium, total	0.0009 J	mg/L
G270	Background	E008	02/11/2025	Cobalt, total	0.0002 J	mg/L
G270	Background	E008	02/11/2025	Dissolved Oxygen	2.79	mg/L
G270	Background	E008	02/11/2025	Fluoride, total	0.28 J	mg/L
G270	Background	E008	02/11/2025	Lead, total	0.0006 U	mg/L
G270	Background	E008	02/11/2025	Lithium, total	0.0022 J	mg/L
G270	Background	E008	02/11/2025	Mercury, total	0.00006 U	mg/L
G270	Background	E008	02/11/2025	Molybdenum, total	0.0006 J	mg/L
G270	Background	E008	02/11/2025	Oxidation Reduction Potential	43.0	mV
G270	Background	E008	02/11/2025	pH (field)	7.1	SU
G270	Background	E008	02/11/2025	Radium 226 + Radium 228, total	0.286	pCi/L
G270	Background	E008	02/11/2025	Selenium, total	0.0006 U	mg/L
G270	Background	E008	02/11/2025	Specific Conductance @ 25C (field)	655	micromhos/cm
G270	Background	E008	02/11/2025	Sulfate, total	56.5	mg/L
G270	Background	E008	02/11/2025	Temperature	10.5	degrees C
G270	Background	E008	02/11/2025	Thallium, total	0.001 U	mg/L
G270	Background	E008	02/11/2025	Total Dissolved Solids	448 J+	mg/L
G270	Background	E008	02/11/2025	Turbidity, field	6.30	NTU
G280	Background	E008	02/06/2025	Antimony, total	0.0004 U	mg/L
G280	Background	E008	02/06/2025	Arsenic, total	0.0006 J	mg/L
G280	Background	E008	02/06/2025	Barium, total	0.0470	mg/L
G280	Background	E008	02/06/2025	Beryllium, total	0.0002 U	mg/L
G280	Background	E008	02/06/2025	Boron, total	0.0092 U	mg/L
G280	Background	E008	02/06/2025	Cadmium, total	0.0002 U	mg/L
G280	Background	E008	02/06/2025	Calcium, total	79.6	mg/L
G280	Background	E008	02/06/2025	Chloride, total	60.1	mg/L
G280	Background	E008	02/06/2025	Chromium, total	0.00220	mg/L
G280	Background	E008	02/06/2025	Cobalt, total	0.0004 J	mg/L
G280	Background	E008	02/06/2025	Dissolved Oxygen	2.03	mg/L
G280	Background	E008	02/06/2025	Fluoride, total	0.21 J	mg/L
G280	Background	E008	02/06/2025	Lead, total	0.0006 J	mg/L
G280	Background	E008	02/06/2025	Lithium, total	0.00490	mg/L
G280	Background	E008	02/06/2025	Mercury, total	0.00018 J	mg/L
G280	Background	E008	02/06/2025	Molybdenum, total	0.0012 J	mg/L
G280	Background	E008	02/06/2025	Oxidation Reduction Potential	119	mV
G280	Background	E008	02/06/2025	pH (field)	7.5	SU
G280	Background	E008	02/06/2025	Radium 226 + Radium 228, total	0.344	pCi/L
G280	Background	E008	02/06/2025	Selenium, total	0.0006 U	mg/L

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COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G280	Background	E008	02/06/2025	Specific Conductance @ 25C (field)	827	micromhos/cm
G280	Background	E008	02/06/2025	Sulfate, total	87.0	mg/L
G280	Background	E008	02/06/2025	Temperature	11.8	degrees C
G280	Background	E008	02/06/2025	Thallium, total	0.001 U	mg/L
G280	Background	E008	02/06/2025	Total Dissolved Solids	504 J+	mg/L
G280	Background	E008	02/06/2025	Turbidity, field	16.0	NTU
G271	Compliance	E008	02/11/2025	Antimony, total	0.0004 U	mg/L
G271	Compliance	E008	02/11/2025	Arsenic, total	0.0006 J	mg/L
G271	Compliance	E008	02/11/2025	Barium, total	0.0214	mg/L
G271	Compliance	E008	02/11/2025	Beryllium, total	0.0002 U	mg/L
G271	Compliance	E008	02/11/2025	Boron, total	0.437	mg/L
G271	Compliance	E008	02/11/2025	Cadmium, total	0.0002 U	mg/L
G271	Compliance	E008	02/11/2025	Calcium, total	70.3	mg/L
G271	Compliance	E008	02/11/2025	Chloride, total	39.3	mg/L
G271	Compliance	E008	02/11/2025	Chromium, total	0.00190	mg/L
G271	Compliance	E008	02/11/2025	Cobalt, total	0.0002 J	mg/L
G271	Compliance	E008	02/11/2025	Dissolved Oxygen	2.74	mg/L
G271	Compliance	E008	02/11/2025	Fluoride, total	0.580	mg/L
G271	Compliance	E008	02/11/2025	Lead, total	0.0007 J	mg/L
G271	Compliance	E008	02/11/2025	Lithium, total	0.0021 J	mg/L
G271	Compliance	E008	02/11/2025	Mercury, total	0.00006 U	mg/L
G271	Compliance	E008	02/11/2025	Molybdenum, total	0.0007 J	mg/L
G271	Compliance	E008	02/11/2025	Oxidation Reduction Potential	99.0	mV
G271	Compliance	E008	02/11/2025	pH (field)	7.0	SU
G271	Compliance	E008	02/11/2025	Radium 226 + Radium 228, total	0.0773	pCi/L
G271	Compliance	E008	02/11/2025	Selenium, total	0.00120	mg/L
G271	Compliance	E008	02/11/2025	Specific Conductance @ 25C (field)	944	micromhos/cm
G271	Compliance	E008	02/11/2025	Sulfate, total	167	mg/L
G271	Compliance	E008	02/11/2025	Temperature	12.1	degrees C
G271	Compliance	E008	02/11/2025	Thallium, total	0.001 U	mg/L
G271	Compliance	E008	02/11/2025	Total Dissolved Solids	586	mg/L
G271	Compliance	E008	02/11/2025	Turbidity, field	1 U	NTU
G273	Compliance	E008	02/05/2025	Antimony, total	0.0004 U	mg/L
G273	Compliance	E008	02/05/2025	Arsenic, total	0.0007 J	mg/L
G273	Compliance	E008	02/05/2025	Barium, total	0.0376	mg/L
G273	Compliance	E008	02/05/2025	Beryllium, total	0.0002 U	mg/L
G273	Compliance	E008	02/05/2025	Boron, total	0.153	mg/L
G273	Compliance	E008	02/05/2025	Cadmium, total	0.0002 U	mg/L
G273	Compliance	E008	02/05/2025	Calcium, total	201	mg/L
G273	Compliance	E008	02/05/2025	Chloride, total	52.3	mg/L
G273	Compliance	E008	02/05/2025	Chromium, total	0.0011 J	mg/L
G273	Compliance	E008	02/05/2025	Cobalt, total	0.0003 J	mg/L
G273	Compliance	E008	02/05/2025	Dissolved Oxygen	1.63	mg/L
G273	Compliance	E008	02/05/2025	Fluoride, total	0.2 U	mg/L
G273	Compliance	E008	02/05/2025	Lead, total	0.0006 U	mg/L
G273	Compliance	E008	02/05/2025	Lithium, total	0.00720	mg/L

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GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G273	Compliance	E008	02/05/2025	Mercury, total	0.00006 U	mg/L
G273	Compliance	E008	02/05/2025	Molybdenum, total	0.0008 J	mg/L
G273	Compliance	E008	02/05/2025	Oxidation Reduction Potential	79.0	mV
G273	Compliance	E008	02/05/2025	pH (field)	7.2	SU
G273	Compliance	E008	02/05/2025	Radium 226 + Radium 228, total	0.243	pCi/L
G273	Compliance	E008	02/05/2025	Selenium, total	0.0006 U	mg/L
G273	Compliance	E008	02/05/2025	Specific Conductance @ 25C (field)	1,620	micromhos/cm
G273	Compliance	E008	02/05/2025	Sulfate, total	565	mg/L
G273	Compliance	E008	02/05/2025	Temperature	12.0	degrees C
G273	Compliance	E008	02/05/2025	Thallium, total	0.001 U	mg/L
G273	Compliance	E008	02/05/2025	Total Dissolved Solids	1,310	mg/L
G273	Compliance	E008	02/05/2025	Turbidity, field	15.0	NTU
G275	Compliance	E008	--	Antimony, total	NS ⁷	mg/L
G275	Compliance	E008	--	Arsenic, total	NS ⁷	mg/L
G275	Compliance	E008	--	Barium, total	NS ⁷	mg/L
G275	Compliance	E008	--	Beryllium, total	NS ⁷	mg/L
G275	Compliance	E008	--	Boron, total	NS ⁷	mg/L
G275	Compliance	E008	--	Cadmium, total	NS ⁷	mg/L
G275	Compliance	E008	--	Calcium, total	NS ⁷	mg/L
G275	Compliance	E008	--	Chloride, total	NS ⁷	mg/L
G275	Compliance	E008	--	Chromium, total	NS ⁷	mg/L
G275	Compliance	E008	--	Cobalt, total	NS ⁷	mg/L
G275	Compliance	E008	--	Dissolved Oxygen	NS ⁷	mg/L
G275	Compliance	E008	--	Fluoride, total	NS ⁷	mg/L
G275	Compliance	E008	--	Lead, total	NS ⁷	mg/L
G275	Compliance	E008	--	Lithium, total	NS ⁷	mg/L
G275	Compliance	E008	--	Mercury, total	NS ⁷	mg/L
G275	Compliance	E008	--	Molybdenum, total	NS ⁷	mg/L
G275	Compliance	E008	--	Oxidation Reduction Potential	NS ⁷	mV
G275	Compliance	E008	--	pH (field)	NS ⁷	SU
G275	Compliance	E008	--	Radium 226 + Radium 228, total	NS ⁷	pCi/L
G275	Compliance	E008	--	Selenium, total	NS ⁷	mg/L
G275	Compliance	E008	--	Specific Conductance @ 25C (field)	NS ⁷	micromhos/cm
G275	Compliance	E008	--	Sulfate, total	NS ⁷	mg/L
G275	Compliance	E008	--	Temperature	NS ⁷	degrees C
G275	Compliance	E008	--	Thallium, total	NS ⁷	mg/L
G275	Compliance	E008	--	Total Dissolved Solids	NS ⁷	mg/L
G275	Compliance	E008	--	Turbidity, field	NS ⁷	NTU
G275D	Compliance	E008	02/05/2025	Antimony, total	0.0004 U	mg/L
G275D	Compliance	E008	02/05/2025	Arsenic, total	0.0148	mg/L
G275D	Compliance	E008	02/05/2025	Barium, total	0.424	mg/L
G275D	Compliance	E008	02/05/2025	Beryllium, total	0.0002 U	mg/L
G275D	Compliance	E008	02/05/2025	Boron, total	0.167	mg/L
G275D	Compliance	E008	02/05/2025	Cadmium, total	0.0002 U	mg/L
G275D	Compliance	E008	02/05/2025	Calcium, total	164	mg/L
G275D	Compliance	E008	02/05/2025	Chloride, total	13.3	mg/L

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G275D	Compliance	E008	02/05/2025	Chromium, total	0.0007 U	mg/L
G275D	Compliance	E008	02/05/2025	Cobalt, total	0.0003 J	mg/L
G275D	Compliance	E008	02/05/2025	Dissolved Oxygen	2.62	mg/L
G275D	Compliance	E008	02/05/2025	Fluoride, total	0.32 J	mg/L
G275D	Compliance	E008	02/05/2025	Lead, total	0.0006 U	mg/L
G275D	Compliance	E008	02/05/2025	Lithium, total	0.002 J	mg/L
G275D	Compliance	E008	02/05/2025	Mercury, total	0.00006 U	mg/L
G275D	Compliance	E008	02/05/2025	Molybdenum, total	0.0006 U	mg/L
G275D	Compliance	E008	02/05/2025	Oxidation Reduction Potential	-92.0	mV
G275D	Compliance	E008	02/05/2025	pH (field)	7.5	SU
G275D	Compliance	E008	02/05/2025	Radium 226 + Radium 228, total	1.87	pCi/L
G275D	Compliance	E008	02/05/2025	Selenium, total	0.0006 U	mg/L
G275D	Compliance	E008	02/05/2025	Specific Conductance @ 25C (field)	1,420	micromhos/cm
G275D	Compliance	E008	02/05/2025	Sulfate, total	87.3	mg/L
G275D	Compliance	E008	02/05/2025	Temperature	8.10	degrees C
G275D	Compliance	E008	02/05/2025	Thallium, total	0.001 U	mg/L
G275D	Compliance	E008	02/05/2025	Total Dissolved Solids	932	mg/L
G275D	Compliance	E008	02/05/2025	Turbidity, field	110	NTU
G276	Compliance	E008	02/05/2025	Antimony, total	0.0004 U	mg/L
G276	Compliance	E008	02/05/2025	Arsenic, total	0.0004 U	mg/L
G276	Compliance	E008	02/05/2025	Barium, total	0.0450	mg/L
G276	Compliance	E008	02/05/2025	Beryllium, total	0.0002 U	mg/L
G276	Compliance	E008	02/05/2025	Boron, total	0.0277	mg/L
G276	Compliance	E008	02/05/2025	Cadmium, total	0.0002 U	mg/L
G276	Compliance	E008	02/05/2025	Calcium, total	158	mg/L
G276	Compliance	E008	02/05/2025	Chloride, total	30.3	mg/L
G276	Compliance	E008	02/05/2025	Chromium, total	0.001 J	mg/L
G276	Compliance	E008	02/05/2025	Cobalt, total	0.0001 U	mg/L
G276	Compliance	E008	02/05/2025	Dissolved Oxygen	5.23	mg/L
G276	Compliance	E008	02/05/2025	Fluoride, total	0.22 J	mg/L
G276	Compliance	E008	02/05/2025	Lead, total	0.0006 U	mg/L
G276	Compliance	E008	02/05/2025	Lithium, total	0.0117	mg/L
G276	Compliance	E008	02/05/2025	Mercury, total	0.00006 U	mg/L
G276	Compliance	E008	02/05/2025	Molybdenum, total	0.0006 U	mg/L
G276	Compliance	E008	02/05/2025	Oxidation Reduction Potential	114	mV
G276	Compliance	E008	02/05/2025	pH (field)	7.1	SU
G276	Compliance	E008	02/05/2025	Radium 226 + Radium 228, total	0.305	pCi/L
G276	Compliance	E008	02/05/2025	Selenium, total	0.0006 U	mg/L
G276	Compliance	E008	02/05/2025	Specific Conductance @ 25C (field)	1,330	micromhos/cm
G276	Compliance	E008	02/05/2025	Sulfate, total	263	mg/L
G276	Compliance	E008	02/05/2025	Temperature	12.1	degrees C
G276	Compliance	E008	02/05/2025	Thallium, total	0.001 U	mg/L
G276	Compliance	E008	02/05/2025	Total Dissolved Solids	914 J	mg/L
G276	Compliance	E008	02/05/2025	Turbidity, field	2.60	NTU
G277	Compliance	E008	--	Antimony, total	NS ⁷	mg/L
G277	Compliance	E008	--	Arsenic, total	NS ⁷	mg/L

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COFFEEN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G277	Compliance	E008	--	Barium, total	NS ⁷	mg/L
G277	Compliance	E008	--	Beryllium, total	NS ⁷	mg/L
G277	Compliance	E008	--	Boron, total	NS ⁷	mg/L
G277	Compliance	E008	--	Cadmium, total	NS ⁷	mg/L
G277	Compliance	E008	--	Calcium, total	NS ⁷	mg/L
G277	Compliance	E008	--	Chloride, total	NS ⁷	mg/L
G277	Compliance	E008	--	Chromium, total	NS ⁷	mg/L
G277	Compliance	E008	--	Cobalt, total	NS ⁷	mg/L
G277	Compliance	E008	--	Dissolved Oxygen	NS ⁷	mg/L
G277	Compliance	E008	--	Fluoride, total	NS ⁷	mg/L
G277	Compliance	E008	--	Lead, total	NS ⁷	mg/L
G277	Compliance	E008	--	Lithium, total	NS ⁷	mg/L
G277	Compliance	E008	--	Mercury, total	NS ⁷	mg/L
G277	Compliance	E008	--	Molybdenum, total	NS ⁷	mg/L
G277	Compliance	E008	--	Oxidation Reduction Potential	NS ⁷	mV
G277	Compliance	E008	--	pH (field)	NS ⁷	SU
G277	Compliance	E008	--	Radium 226 + Radium 228, total	NS ⁷	pCi/L
G277	Compliance	E008	--	Selenium, total	NS ⁷	mg/L
G277	Compliance	E008	--	Specific Conductance @ 25C (field)	NS ⁷	micromhos/cm
G277	Compliance	E008	--	Sulfate, total	NS ⁷	mg/L
G277	Compliance	E008	--	Temperature	NS ⁷	degrees C
G277	Compliance	E008	--	Thallium, total	NS ⁷	mg/L
G277	Compliance	E008	--	Total Dissolved Solids	NS ⁷	mg/L
G277	Compliance	E008	--	Turbidity, field	NS ⁷	NTU
G279	Compliance	E008	02/06/2025	Antimony, total	0.0004 U	mg/L
G279	Compliance	E008	02/06/2025	Arsenic, total	0.0005 J	mg/L
G279	Compliance	E008	02/06/2025	Barium, total	0.0400	mg/L
G279	Compliance	E008	02/06/2025	Beryllium, total	0.0002 U	mg/L
G279	Compliance	E008	02/06/2025	Boron, total	1.33	mg/L
G279	Compliance	E008	02/06/2025	Cadmium, total	0.0002 U	mg/L
G279	Compliance	E008	02/06/2025	Calcium, total	273	mg/L
G279	Compliance	E008	02/06/2025	Chloride, total	123	mg/L
G279	Compliance	E008	02/06/2025	Chromium, total	0.0007 U	mg/L
G279	Compliance	E008	02/06/2025	Cobalt, total	0.0001 U	mg/L
G279	Compliance	E008	02/06/2025	Dissolved Oxygen	6.98	mg/L
G279	Compliance	E008	02/06/2025	Fluoride, total	0.41 J	mg/L
G279	Compliance	E008	02/06/2025	Lead, total	0.0006 U	mg/L
G279	Compliance	E008	02/06/2025	Lithium, total	0.00680	mg/L
G279	Compliance	E008	02/06/2025	Mercury, total	0.00006 U	mg/L
G279	Compliance	E008	02/06/2025	Molybdenum, total	0.0006 U	mg/L
G279	Compliance	E008	02/06/2025	Oxidation Reduction Potential	159	mV
G279	Compliance	E008	02/06/2025	pH (field)	7.0	SU
G279	Compliance	E008	02/06/2025	Radium 226 + Radium 228, total	0.315	pCi/L
G279	Compliance	E008	02/06/2025	Selenium, total	0.0009 J	mg/L
G279	Compliance	E008	02/06/2025	Specific Conductance @ 25C (field)	2,300	micromhos/cm
G279	Compliance	E008	02/06/2025	Sulfate, total	962	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G279	Compliance	E008	02/06/2025	Temperature	14.7	degrees C
G279	Compliance	E008	02/06/2025	Thallium, total	0.001 U	mg/L
G279	Compliance	E008	02/06/2025	Total Dissolved Solids	1,880	mg/L
G279	Compliance	E008	02/06/2025	Turbidity, field	3.10	NTU
G283	Compliance	E008	02/10/2025	Antimony, total	0.0004 U	mg/L
G283	Compliance	E008	02/10/2025	Arsenic, total	0.0004 U	mg/L
G283	Compliance	E008	02/10/2025	Barium, total	0.137	mg/L
G283	Compliance	E008	02/10/2025	Beryllium, total	0.0002 U	mg/L
G283	Compliance	E008	02/10/2025	Boron, total	0.0588	mg/L
G283	Compliance	E008	02/10/2025	Cadmium, total	0.0002 U	mg/L
G283	Compliance	E008	02/10/2025	Calcium, total	132	mg/L
G283	Compliance	E008	02/10/2025	Chloride, total	37.7	mg/L
G283	Compliance	E008	02/10/2025	Chromium, total	0.0007 U	mg/L
G283	Compliance	E008	02/10/2025	Cobalt, total	0.0001 U	mg/L
G283	Compliance	E008	02/10/2025	Dissolved Oxygen	1.98	mg/L
G283	Compliance	E008	02/10/2025	Fluoride, total	0.28 J	mg/L
G283	Compliance	E008	02/10/2025	Lead, total	0.0006 U	mg/L
G283	Compliance	E008	02/10/2025	Lithium, total	0.00990	mg/L
G283	Compliance	E008	02/10/2025	Mercury, total	0.00006 U	mg/L
G283	Compliance	E008	02/10/2025	Molybdenum, total	0.0014 J	mg/L
G283	Compliance	E008	02/10/2025	Oxidation Reduction Potential	-13.0	mV
G283	Compliance	E008	02/10/2025	pH (field)	7.0	SU
G283	Compliance	E008	02/10/2025	Radium 226 + Radium 228, total	0.823	pCi/L
G283	Compliance	E008	02/10/2025	Selenium, total	0.0006 U	mg/L
G283	Compliance	E008	02/10/2025	Specific Conductance @ 25C (field)	1,190	micromhos/cm
G283	Compliance	E008	02/10/2025	Sulfate, total	262	mg/L
G283	Compliance	E008	02/10/2025	Temperature	10.9	degrees C
G283	Compliance	E008	02/10/2025	Thallium, total	0.001 U	mg/L
G283	Compliance	E008	02/10/2025	Total Dissolved Solids	825	mg/L
G283	Compliance	E008	02/10/2025	Turbidity, field	120	NTU
G284	Compliance	E008	02/10/2025	Antimony, total	0.0004 U	mg/L
G284	Compliance	E008	02/10/2025	Arsenic, total	0.0004 U	mg/L
G284	Compliance	E008	02/10/2025	Barium, total	0.0520	mg/L
G284	Compliance	E008	02/10/2025	Beryllium, total	0.0002 U	mg/L
G284	Compliance	E008	02/10/2025	Boron, total	0.0483	mg/L
G284	Compliance	E008	02/10/2025	Cadmium, total	0.0002 U	mg/L
G284	Compliance	E008	02/10/2025	Calcium, total	53.7	mg/L
G284	Compliance	E008	02/10/2025	Chloride, total	13.5	mg/L
G284	Compliance	E008	02/10/2025	Chromium, total	0.0007 U	mg/L
G284	Compliance	E008	02/10/2025	Cobalt, total	0.0001 U	mg/L
G284	Compliance	E008	02/10/2025	Dissolved Oxygen	5.21	mg/L
G284	Compliance	E008	02/10/2025	Fluoride, total	0.39 J	mg/L
G284	Compliance	E008	02/10/2025	Lead, total	0.0006 U	mg/L
G284	Compliance	E008	02/10/2025	Lithium, total	0.00890	mg/L
G284	Compliance	E008	02/10/2025	Mercury, total	0.00006 U	mg/L
G284	Compliance	E008	02/10/2025	Molybdenum, total	0.0218	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G284	Compliance	E008	02/10/2025	Oxidation Reduction Potential	97.0	mV
G284	Compliance	E008	02/10/2025	pH (field)	7.2	SU
G284	Compliance	E008	02/10/2025	Radium 226 + Radium 228, total	0.341	pCi/L
G284	Compliance	E008	02/10/2025	Selenium, total	0.0006 J	mg/L
G284	Compliance	E008	02/10/2025	Specific Conductance @ 25C (field)	651	micromhos/cm
G284	Compliance	E008	02/10/2025	Sulfate, total	40.8	mg/L
G284	Compliance	E008	02/10/2025	Temperature	10.5	degrees C
G284	Compliance	E008	02/10/2025	Thallium, total	0.001 U	mg/L
G284	Compliance	E008	02/10/2025	Total Dissolved Solids	390 J+	mg/L
G284	Compliance	E008	02/10/2025	Turbidity, field	2.50	NTU
G285	Compliance	E008	02/11/2025	Antimony, total	0.0004 U	mg/L
G285	Compliance	E008	02/11/2025	Arsenic, total	0.0006 J	mg/L
G285	Compliance	E008	02/11/2025	Barium, total	0.0345	mg/L
G285	Compliance	E008	02/11/2025	Beryllium, total	0.0002 U	mg/L
G285	Compliance	E008	02/11/2025	Boron, total	0.128	mg/L
G285	Compliance	E008	02/11/2025	Cadmium, total	0.0002 U	mg/L
G285	Compliance	E008	02/11/2025	Calcium, total	251	mg/L
G285	Compliance	E008	02/11/2025	Chloride, total	24.3	mg/L
G285	Compliance	E008	02/11/2025	Chromium, total	0.0007 U	mg/L
G285	Compliance	E008	02/11/2025	Cobalt, total	0.00210	mg/L
G285	Compliance	E008	02/11/2025	Dissolved Oxygen	2.25	mg/L
G285	Compliance	E008	02/11/2025	Fluoride, total	0.25 J	mg/L
G285	Compliance	E008	02/11/2025	Lead, total	0.0007 J	mg/L
G285	Compliance	E008	02/11/2025	Lithium, total	0.00530	mg/L
G285	Compliance	E008	02/11/2025	Mercury, total	0.00006 U	mg/L
G285	Compliance	E008	02/11/2025	Molybdenum, total	0.00400	mg/L
G285	Compliance	E008	02/11/2025	Oxidation Reduction Potential	70.0	mV
G285	Compliance	E008	02/11/2025	pH (field)	6.8	SU
G285	Compliance	E008	02/11/2025	Radium 226 + Radium 228, total	0.718	pCi/L
G285	Compliance	E008	02/11/2025	Selenium, total	0.0006 U	mg/L
G285	Compliance	E008	02/11/2025	Specific Conductance @ 25C (field)	1,910	micromhos/cm
G285	Compliance	E008	02/11/2025	Sulfate, total	652	mg/L
G285	Compliance	E008	02/11/2025	Temperature	11.3	degrees C
G285	Compliance	E008	02/11/2025	Thallium, total	0.001 U	mg/L
G285	Compliance	E008	02/11/2025	Total Dissolved Solids	1,450	mg/L
G285	Compliance	E008	02/11/2025	Turbidity, field	46.0	NTU

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

Notes:

C = Celsius

cm = centimeter

Events:

E008 = Quarter 1, 2025 sampling event

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

Result Code (if applicable):

NR¹ = Parameter not analyzed.

NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.

NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.

NS³ = The location was not accessible; therefore, a sample was not collected.

NS⁴ = The location could not be found; therefore, a sample was not collected.

NS⁵ = The location was damaged; therefore, a sample was not collected.

NS⁶ = Sampling pump could not yield a sample.

NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.

NS⁸ = A sample was not collected.

PM¹ = 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 high.

U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.

SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
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	E008	Antimony, total	mg/L	11/23/15 - 02/11/25	29	90	CB around T-S line	0.00218	0.006	Standard	No Exceedance
G271	UA	E008	Arsenic, total	mg/L	11/23/15 - 02/11/25	31	79	CI around median	0.001	0.010	Standard	No Exceedance
G271	UA	E008	Barium, total	mg/L	11/23/15 - 02/11/25	32	0	CB around T-S line	0.0139	2.0	Standard	No Exceedance
G271	UA	E008	Beryllium, total	mg/L	11/23/15 - 02/11/25	29	98	CI around median	0.001	0.004	Standard	No Exceedance
G271	UA	E008	Boron, total	mg/L	11/23/15 - 02/11/25	33	0	CI around geomean	0.655	2	Standard	No Exceedance
G271	UA	E008	Cadmium, total	mg/L	11/23/15 - 02/11/25	29	98	CI around median	0.001	0.005	Standard	No Exceedance
G271	UA	E008	Chloride, total	mg/L	11/23/15 - 02/11/25	33	0	CB around linear reg	45.1	200	Standard	No Exceedance
G271	UA	E008	Chromium, total	mg/L	11/23/15 - 02/11/25	31	74	CB around T-S line	0.00302	0.1	Standard	No Exceedance
G271	UA	E008	Cobalt, total	mg/L	11/23/15 - 02/11/25	31	88	CB around T-S line	0.00162	0.006	Standard	No Exceedance
G271	UA	E008	Fluoride, total	mg/L	11/23/15 - 02/11/25	33	9	CI around mean	0.343	4.0	Standard	No Exceedance
G271	UA	E008	Lead, total	mg/L	11/23/15 - 02/11/25	32	64	CI around median	0.001	0.0120	Background	No Exceedance
G271	UA	E008	Lithium, total	mg/L	11/23/15 - 02/11/25	27	89	CI around median	0.01	0.04	Standard	No Exceedance
G271	UA	E008	Mercury, total	mg/L	11/23/15 - 02/11/25	29	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G271	UA	E008	Molybdenum, total	mg/L	11/23/15 - 02/11/25	32	74	CI around median	0.001	0.1	Standard	No Exceedance
G271	UA	E008	pH (field)	SU	11/23/15 - 02/11/25	35	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
G271	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/23/15 - 02/11/25	27	0	CI around geomean	0.318	5	Standard	No Exceedance
G271	UA	E008	Selenium, total	mg/L	11/23/15 - 02/11/25	31	7	CB around T-S line	0.000845	0.05	Standard	No Exceedance
G271	UA	E008	Sulfate, total	mg/L	11/23/15 - 02/11/25	33	0	CB around T-S line	141	400	Standard	No Exceedance
G271	UA	E008	Thallium, total	mg/L	11/23/15 - 02/11/25	30	98	CB around T-S line	0.001	0.002	Standard	No Exceedance
G271	UA	E008	Total Dissolved Solids	mg/L	11/23/15 - 02/11/25	33	0	CB around linear reg	589	1,200	Standard	No Exceedance
G273	UA	E008	Antimony, total	mg/L	11/24/15 - 02/05/25	29	95	CB around T-S line	0.00207	0.006	Standard	No Exceedance
G273	UA	E008	Arsenic, total	mg/L	11/24/15 - 02/05/25	32	86	CI around median	0.001	0.010	Standard	No Exceedance
G273	UA	E008	Barium, total	mg/L	11/24/15 - 02/05/25	32	0	CI around median	0.029	2.0	Standard	No Exceedance
G273	UA	E008	Beryllium, total	mg/L	11/24/15 - 02/05/25	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G273	UA	E008	Boron, total	mg/L	11/24/15 - 02/05/25	33	5	CB around T-S line	-0.0447	2	Standard	No Exceedance
G273	UA	E008	Cadmium, total	mg/L	11/24/15 - 02/05/25	29	98	CI around median	0.001	0.005	Standard	No Exceedance
G273	UA	E008	Chloride, total	mg/L	11/24/15 - 02/05/25	33	0	CB around T-S line	66.5	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Chromium, total	mg/L	11/24/15 - 02/05/25	31	95	CB around T-S line	0.00335	0.1	Standard	No Exceedance
G273	UA	E008	Cobalt, total	mg/L	11/24/15 - 02/05/25	31	98	CB around T-S line	0.00163	0.006	Standard	No Exceedance
G273	UA	E008	Fluoride, total	mg/L	11/24/15 - 02/05/25	33	22	CI around mean	0.304	4.0	Standard	No Exceedance
G273	UA	E008	Lead, total	mg/L	11/24/15 - 02/05/25	32	90	CI around median	0.001	0.0120	Background	No Exceedance
G273	UA	E008	Lithium, total	mg/L	11/24/15 - 02/05/25	27	67	CI around median	0.01	0.04	Standard	No Exceedance
G273	UA	E008	Mercury, total	mg/L	11/24/15 - 02/05/25	29	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G273	UA	E008	Molybdenum, total	mg/L	11/24/15 - 02/05/25	32	91	CB around T-S line	0.001	0.1	Standard	No Exceedance
G273	UA	E008	pH (field)	SU	11/24/15 - 02/05/25	35	0	CI around mean	7.0/7.1	6.5/9.0	Standard/Standard	No Exceedance
G273	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 02/05/25	27	0	CI around median	0.232	5	Standard	No Exceedance
G273	UA	E008	Selenium, total	mg/L	11/24/15 - 02/05/25	32	96	CI around median	0.001	0.05	Standard	No Exceedance
G273	UA	E008	Sulfate, total	mg/L	11/24/15 - 02/05/25	33	0	CI around median	410	400	Standard	Exceedance
G273	UA	E008	Thallium, total	mg/L	11/24/15 - 02/05/25	30	95	CB around T-S line	0.001	0.002	Standard	No Exceedance
G273	UA	E008	Total Dissolved Solids	mg/L	11/24/15 - 02/05/25	33	0	CB around linear reg	1,050	1,200	Standard	No Exceedance
G275	UA	E008	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
G275	UA	E008	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.010	Standard	--
G275	UA	E008	Barium, total	mg/L	--	--	--	--	NS ⁷	2.0	Standard	--
G275	UA	E008	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.004	Standard	--
G275	UA	E008	Boron, total	mg/L	--	--	--	--	NS ⁷	2	Standard	--
G275	UA	E008	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.005	Standard	--
G275	UA	E008	Chloride, total	mg/L	--	--	--	--	NS ⁷	200	Standard	--
G275	UA	E008	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
G275	UA	E008	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
G275	UA	E008	Fluoride, total	mg/L	--	--	--	--	NS ⁷	4.0	Standard	--
G275	UA	E008	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0120	Background	--
G275	UA	E008	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.04	Standard	--
G275	UA	E008	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
G275	UA	E008	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	GWPS	GWPS Source	Compliance Result
G275	UA	E008	pH (field)	SU	--	--	--	--	NS ⁷	6.5/9.0	Standard/Standard	--
G275	UA	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	5	Standard	--
G275	UA	E008	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.05	Standard	--
G275	UA	E008	Sulfate, total	mg/L	--	--	--	--	NS ⁷	400	Standard	--
G275	UA	E008	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
G275	UA	E008	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	1,200	Standard	--
G275D	DA	E008	Antimony, total	mg/L	03/30/21 - 02/05/25	13	92	CB around T-S line	0.0000602	0.006	Standard	No Exceedance
G275D	DA	E008	Arsenic, total	mg/L	03/30/21 - 02/05/25	13	0	CB around linear reg	0.0164	0.010	Standard	Exceedance
G275D	DA	E008	Barium, total	mg/L	03/30/21 - 02/05/25	13	0	CI around mean	0.369	2.0	Standard	No Exceedance
G275D	DA	E008	Beryllium, total	mg/L	03/30/21 - 02/05/25	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G275D	DA	E008	Boron, total	mg/L	03/30/21 - 02/05/25	13	0	CB around T-S line	-0.0576	2	Standard	No Exceedance
G275D	DA	E008	Cadmium, total	mg/L	03/30/21 - 02/05/25	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G275D	DA	E008	Chloride, total	mg/L	03/30/21 - 02/05/25	13	0	CB around linear reg	6.45	200	Standard	No Exceedance
G275D	DA	E008	Chromium, total	mg/L	03/30/21 - 02/05/25	13	85	CB around T-S line	-0.00319	0.1	Standard	No Exceedance
G275D	DA	E008	Cobalt, total	mg/L	03/30/21 - 02/05/25	13	69	CB around T-S line	-0.00168	0.006	Standard	No Exceedance
G275D	DA	E008	Fluoride, total	mg/L	03/30/21 - 02/05/25	13	23	CI around mean	0.4	4.0	Standard	No Exceedance
G275D	DA	E008	Lead, total	mg/L	03/30/21 - 02/05/25	13	92	CI around median	0.001	0.0120	Background	No Exceedance
G275D	DA	E008	Lithium, total	mg/L	03/30/21 - 02/05/25	13	62	CB around T-S line	-0.00469	0.04	Standard	No Exceedance
G275D	DA	E008	Mercury, total	mg/L	03/30/21 - 02/05/25	13	92	CI around median	0.0002	0.002	Standard	No Exceedance
G275D	DA	E008	Molybdenum, total	mg/L	03/30/21 - 02/05/25	13	31	CB around linear reg	-0.0106	0.1	Standard	No Exceedance
G275D	DA	E008	pH (field)	SU	03/30/21 - 02/05/25	13	0	CI around mean	7.0/7.3	6.5/9.0	Standard/Standard	No Exceedance
G275D	DA	E008	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 02/05/25	14	0	CI around mean	0.71	5	Standard	No Exceedance
G275D	DA	E008	Selenium, total	mg/L	03/30/21 - 02/05/25	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G275D	DA	E008	Sulfate, total	mg/L	03/30/21 - 02/05/25	13	0	CB around linear reg	43.7	400	Standard	No Exceedance
G275D	DA	E008	Thallium, total	mg/L	03/30/21 - 02/05/25	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G275D	DA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/05/25	13	0	CI around median	855	1,200	Standard	No Exceedance
G276	UA	E008	Antimony, total	mg/L	11/24/15 - 02/05/25	29	95	CB around T-S line	0.00208	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Arsenic, total	mg/L	11/24/15 - 02/05/25	32	86	CI around median	0.001	0.010	Standard	No Exceedance
G276	UA	E008	Barium, total	mg/L	11/24/15 - 02/05/25	32	0	CB around T-S line	0.0315	2.0	Standard	No Exceedance
G276	UA	E008	Beryllium, total	mg/L	11/24/15 - 02/05/25	29	95	Most recent sample	0.001	0.004	Standard	No Exceedance
G276	UA	E008	Boron, total	mg/L	11/24/15 - 02/05/25	33	11	CI around geomean	0.0184	2	Standard	No Exceedance
G276	UA	E008	Cadmium, total	mg/L	11/24/15 - 02/05/25	29	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G276	UA	E008	Chloride, total	mg/L	11/24/15 - 02/05/25	33	0	CB around T-S line	22.5	200	Standard	No Exceedance
G276	UA	E008	Chromium, total	mg/L	11/24/15 - 02/05/25	31	80	CB around T-S line	0.00358	0.1	Standard	No Exceedance
G276	UA	E008	Cobalt, total	mg/L	11/24/15 - 02/05/25	31	98	CB around T-S line	0.00167	0.006	Standard	No Exceedance
G276	UA	E008	Fluoride, total	mg/L	11/24/15 - 02/05/25	33	12	CB around T-S line	0.267	4.0	Standard	No Exceedance
G276	UA	E008	Lead, total	mg/L	11/24/15 - 02/05/25	32	80	CI around median	0.001	0.0120	Background	No Exceedance
G276	UA	E008	Lithium, total	mg/L	11/24/15 - 02/05/25	27	37	CI around median	0.0117	0.04	Standard	No Exceedance
G276	UA	E008	Mercury, total	mg/L	11/24/15 - 02/05/25	29	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G276	UA	E008	Molybdenum, total	mg/L	11/24/15 - 02/05/25	32	79	CI around median	0.001	0.1	Standard	No Exceedance
G276	UA	E008	pH (field)	SU	11/24/15 - 02/05/25	34	0	CB around linear reg	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance
G276	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 02/05/25	27	0	CI around geomean	0.326	5	Standard	No Exceedance
G276	UA	E008	Selenium, total	mg/L	11/24/15 - 02/05/25	32	43	CB around T-S line	0.00054	0.05	Standard	No Exceedance
G276	UA	E008	Sulfate, total	mg/L	11/24/15 - 02/05/25	33	0	CB around T-S line	262	400	Standard	No Exceedance
G276	UA	E008	Thallium, total	mg/L	11/24/15 - 02/05/25	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G276	UA	E008	Total Dissolved Solids	mg/L	11/24/15 - 02/05/25	33	0	CB around T-S line	890	1,200	Standard	No Exceedance
G277	UA	E008	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
G277	UA	E008	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.010	Standard	--
G277	UA	E008	Barium, total	mg/L	--	--	--	--	NS ⁷	2.0	Standard	--
G277	UA	E008	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.004	Standard	--
G277	UA	E008	Boron, total	mg/L	--	--	--	--	NS ⁷	2	Standard	--
G277	UA	E008	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.005	Standard	--
G277	UA	E008	Chloride, total	mg/L	--	--	--	--	NS ⁷	200	Standard	--
G277	UA	E008	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
G277	UA	E008	Fluoride, total	mg/L	--	--	--	--	NS ⁷	4.0	Standard	--
G277	UA	E008	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0120	Background	--
G277	UA	E008	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.04	Standard	--
G277	UA	E008	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
G277	UA	E008	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
G277	UA	E008	pH (field)	SU	--	--	--	--	NS ⁷	6.5/9.0	Standard/Standard	--
G277	UA	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	5	Standard	--
G277	UA	E008	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.05	Standard	--
G277	UA	E008	Sulfate, total	mg/L	--	--	--	--	NS ⁷	400	Standard	--
G277	UA	E008	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
G277	UA	E008	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	1,200	Standard	--
G279	UA	E008	Antimony, total	mg/L	11/24/15 - 02/06/25	29	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G279	UA	E008	Arsenic, total	mg/L	11/24/15 - 02/06/25	32	81	CI around median	0.001	0.010	Standard	No Exceedance
G279	UA	E008	Barium, total	mg/L	11/24/15 - 02/06/25	32	0	CB around T-S line	0.029	2.0	Standard	No Exceedance
G279	UA	E008	Beryllium, total	mg/L	11/24/15 - 02/06/25	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G279	UA	E008	Boron, total	mg/L	11/24/15 - 02/06/25	33	19	CB around linear reg	1.88	2	Standard	No Exceedance
G279	UA	E008	Cadmium, total	mg/L	11/24/15 - 02/06/25	29	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G279	UA	E008	Chloride, total	mg/L	11/24/15 - 02/06/25	33	0	CB around linear reg	239	200	Standard	Exceedance
G279	UA	E008	Chromium, total	mg/L	11/24/15 - 02/06/25	31	88	CB around T-S line	0.00313	0.1	Standard	No Exceedance
G279	UA	E008	Cobalt, total	mg/L	11/24/15 - 02/06/25	31	88	CB around T-S line	0.00159	0.006	Standard	No Exceedance
G279	UA	E008	Fluoride, total	mg/L	11/24/15 - 02/06/25	33	13	CI around mean	0.333	4.0	Standard	No Exceedance
G279	UA	E008	Lead, total	mg/L	11/24/15 - 02/06/25	32	84	CI around median	0.001	0.0120	Background	No Exceedance
G279	UA	E008	Lithium, total	mg/L	11/24/15 - 02/06/25	32	62	CB around T-S line	0.012	0.04	Standard	No Exceedance
G279	UA	E008	Mercury, total	mg/L	11/24/15 - 02/06/25	29	98	Most recent sample	0.0002	0.002	Standard	No Exceedance
G279	UA	E008	Molybdenum, total	mg/L	11/24/15 - 02/06/25	32	85	CI around median	0.001	0.1	Standard	No Exceedance
G279	UA	E008	pH (field)	SU	11/24/15 - 02/06/25	33	0	CB around linear reg	6.5/6.8	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 02/06/25	32	0	CI around mean	0.579	5	Standard	No Exceedance
G279	UA	E008	Selenium, total	mg/L	11/24/15 - 02/06/25	32	23	CB around linear reg	-0.00387	0.05	Standard	No Exceedance
G279	UA	E008	Sulfate, total	mg/L	11/24/15 - 02/06/25	33	0	CB around linear reg	1,320	400	Standard	Exceedance
G279	UA	E008	Thallium, total	mg/L	11/24/15 - 02/06/25	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G279	UA	E008	Total Dissolved Solids	mg/L	11/24/15 - 02/06/25	33	0	CB around linear reg	2,590	1,200	Standard	Exceedance
G283	LCU	E008	Antimony, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G283	LCU	E008	Arsenic, total	mg/L	03/31/21 - 02/10/25	16	69	CI around median	0.001	0.010	Standard	No Exceedance
G283	LCU	E008	Barium, total	mg/L	03/31/21 - 02/10/25	16	0	CI around mean	0.156	2.0	Standard	No Exceedance
G283	LCU	E008	Beryllium, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G283	LCU	E008	Boron, total	mg/L	03/31/21 - 02/10/25	16	0	CB around T-S line	0.0371	2	Standard	No Exceedance
G283	LCU	E008	Cadmium, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G283	LCU	E008	Chloride, total	mg/L	03/31/21 - 02/10/25	16	0	CI around mean	38	200	Standard	No Exceedance
G283	LCU	E008	Chromium, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
G283	LCU	E008	Cobalt, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G283	LCU	E008	Fluoride, total	mg/L	03/31/21 - 02/10/25	16	31	CI around mean	0.314	4.0	Standard	No Exceedance
G283	LCU	E008	Lead, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.0120	Background	No Exceedance
G283	LCU	E008	Lithium, total	mg/L	03/31/21 - 02/10/25	16	56	CB around T-S line	0.00622	0.04	Standard	No Exceedance
G283	LCU	E008	Mercury, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G283	LCU	E008	Molybdenum, total	mg/L	03/31/21 - 02/10/25	16	6	CI around mean	0.00153	0.1	Standard	No Exceedance
G283	LCU	E008	pH (field)	SU	03/31/21 - 02/10/25	16	0	CI around mean	6.9/7.1	6.5/9.0	Standard/Standard	No Exceedance
G283	LCU	E008	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 02/10/25	16	0	CI around geomean	0.673	5	Standard	No Exceedance
G283	LCU	E008	Selenium, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G283	LCU	E008	Sulfate, total	mg/L	03/31/21 - 02/10/25	16	0	CB around linear reg	255	400	Standard	No Exceedance
G283	LCU	E008	Thallium, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G283	LCU	E008	Total Dissolved Solids	mg/L	03/31/21 - 02/10/25	16	0	CI around mean	806	1,200	Standard	No Exceedance
G284	UA	E008	Antimony, total	mg/L	03/30/21 - 02/10/25	15	93	CB around T-S line	0.000038	0.006	Standard	No Exceedance
G284	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/10/25	15	93	Most recent sample	0.001	0.010	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Barium, total	mg/L	03/30/21 - 02/10/25	15	0	CI around mean	0.0608	2.0	Standard	No Exceedance
G284	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G284	UA	E008	Boron, total	mg/L	03/30/21 - 02/10/25	15	0	CI around geomean	0.0395	2	Standard	No Exceedance
G284	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G284	UA	E008	Chloride, total	mg/L	03/30/21 - 02/10/25	15	0	CB around linear reg	11.3	200	Standard	No Exceedance
G284	UA	E008	Chromium, total	mg/L	03/30/21 - 02/10/25	15	93	CB around T-S line	0.000297	0.1	Standard	No Exceedance
G284	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G284	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/10/25	15	20	CI around mean	0.472	4.0	Standard	No Exceedance
G284	UA	E008	Lead, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.001	0.0120	Background	No Exceedance
G284	UA	E008	Lithium, total	mg/L	03/30/21 - 02/10/25	15	60	CB around T-S line	0.00618	0.04	Standard	No Exceedance
G284	UA	E008	Mercury, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G284	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/10/25	15	27	CI around median	0.001	0.1	Standard	No Exceedance
G284	UA	E008	pH (field)	SU	03/30/21 - 02/10/25	15	0	CI around mean	7.0/7.2	6.5/9.0	Standard/Standard	No Exceedance
G284	UA	E008	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 02/10/25	15	0	CI around mean	0.215	5	Standard	No Exceedance
G284	UA	E008	Selenium, total	mg/L	03/30/21 - 02/10/25	15	80	CI around median	0.001	0.05	Standard	No Exceedance
G284	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/10/25	15	0	CI around median	60	400	Standard	No Exceedance
G284	UA	E008	Thallium, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
G284	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/10/25	15	0	CI around mean	445	1,200	Standard	No Exceedance
G285	LCU	E008	Antimony, total	mg/L	03/30/21 - 02/11/25	16	100	All ND - Last	0.001	0.006	Standard	No Exceedance
G285	LCU	E008	Arsenic, total	mg/L	03/30/21 - 02/11/25	16	62	CI around median	0.001	0.010	Standard	No Exceedance
G285	LCU	E008	Barium, total	mg/L	03/30/21 - 02/11/25	16	0	CB around linear reg	0.0185	2.0	Standard	No Exceedance
G285	LCU	E008	Beryllium, total	mg/L	03/30/21 - 02/11/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G285	LCU	E008	Boron, total	mg/L	03/30/21 - 02/11/25	16	0	CI around mean	0.11	2	Standard	No Exceedance
G285	LCU	E008	Cadmium, total	mg/L	03/30/21 - 02/11/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G285	LCU	E008	Chloride, total	mg/L	03/30/21 - 02/11/25	16	0	CB around linear reg	4.34	200	Standard	No Exceedance
G285	LCU	E008	Chromium, total	mg/L	03/30/21 - 02/11/25	16	88	CB around T-S line	0.000478	0.1	Standard	No Exceedance
G285	LCU	E008	Cobalt, total	mg/L	03/30/21 - 02/11/25	16	19	CI around geomean	0.00164	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Fluoride, total	mg/L	03/30/21 - 02/11/25	16	38	CB around linear reg	0.379	4.0	Standard	No Exceedance
G285	LCU	E008	Lead, total	mg/L	03/30/21 - 02/11/25	16	100	All ND - Last	0.001	0.0120	Background	No Exceedance
G285	LCU	E008	Lithium, total	mg/L	03/30/21 - 02/11/25	16	56	CB around T-S line	0.000201	0.04	Standard	No Exceedance
G285	LCU	E008	Mercury, total	mg/L	03/30/21 - 02/11/25	16	94	CI around median	0.0002	0.002	Standard	No Exceedance
G285	LCU	E008	Molybdenum, total	mg/L	03/30/21 - 02/11/25	16	0	CB around linear reg	0.000797	0.1	Standard	No Exceedance
G285	LCU	E008	pH (field)	SU	03/30/21 - 02/11/25	16	0	CI around median	6.7/6.8	6.5/9.0	Standard/Standard	No Exceedance
G285	LCU	E008	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 02/11/25	16	0	CI around geomean	1.24	5	Standard	No Exceedance
G285	LCU	E008	Selenium, total	mg/L	03/30/21 - 02/11/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G285	LCU	E008	Sulfate, total	mg/L	03/30/21 - 02/11/25	16	0	CB around linear reg	636	400	Standard	Exceedance
G285	LCU	E008	Thallium, total	mg/L	03/30/21 - 02/11/25	16	94	CB around T-S line	0.001	0.002	Standard	No Exceedance
G285	LCU	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/11/25	16	0	CI around mean	1,470	1,200	Standard	Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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:

NA

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):

NR¹ = Parameter not analyzed.

NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.

NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.

NS³ = The location was not accessible; therefore, a sample was not collected.

NS⁴ = The location could not be found; therefore, a sample was not collected.

NS⁵ = The location was damaged; therefore, a sample was not collected.

NS⁶ = Sampling pump could not yield a sample.

NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.

NS⁸ = A sample was not collected.

PM¹ = 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



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

0 150 300 Feet

MONITORING WELL LOCATION MAP

GMF RECYCLE POND
COFFEEN POWER PLANT
COFFEEN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 1, 2025**

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 1, 2025
845 QUARTERLY REPORT
COFFEEN POWER PLANT
GMF RECYCLE POND
COFFEEN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
G270	Background	02/03/2025	2.15	623.52
G271	Compliance	02/03/2025	9.95	615.60
G273	Compliance	02/03/2025	10.09	612.61
G275	Compliance	02/03/2025	Dry	Dry
G275D	Compliance	02/03/2025	37.85	582.30
G276	Compliance	02/03/2025	27.01	604.72
G277	Compliance	02/03/2025	Dry	Dry
G279	Compliance	02/03/2025	22.16	609.88
G280	Background	02/03/2025	4.29	621.10
G283	Compliance	02/03/2025	4.65	606.14
G284	Compliance	02/03/2025	10.19	607.82
G285	Compliance	02/03/2025	4.73	608.65
X201	Water Level	02/03/2025	22.85	NA

Notes:
BMP = below measuring point
Depth to Groundwater/Groundwater Elevation Code (if applicable):
DM¹ = Depth to water was not measured.
DM² = Depth to water was not measured because water was above or below the staff gage markings.
DM³ = Depth to water was not measured because the location was inaccessible.
DM⁴ = Depth to water was not measured because water level was below the top of the pump.
DM⁵ = Depth to water was not measured because water level was above the top of casing (artesian well).
DM⁶ = Depth to water was not measured because of damage to the well.
DM⁷ = Depth to water was not measured due to required pressure transducer maintenance.
DM⁸ = 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 1, 2025**

March 14, 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-25Q1

WorkOrder: 25011232

Dear Eric Bauer:

TEKLAB, INC received 14 samples for COF_845_104 on 2/28/2025 11:50:00 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
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

This reporting package includes the following:

Cover Letter	1
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Laboratory Results	7
Sample Summary	21
Quality Control Results	22
Receiving Check List	154
Chain of Custody	Appended

Definitions

<http://www.teklabinc.com/>**Client:** Ramboll**Work Order:** 25011232**Client Project:** COF-25Q1**Report Date:** 14-Mar-25

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

Qualifiers

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



Case Narrative

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

Cooler Receipt Temp: 3.3 °C

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

G275 and G277 were dry.

Equipment Blanks were not needed. EAH 2/13/25

Per Eric Bauer's request, only COF_845_104 data is included in this report. EAH 3/14/25

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
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

Springfield

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

Chicago

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

Kansas City

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



Accreditations

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-042
Matrix: GROUNDWATER

Work Order: 25011232
Report Date: 14-Mar-25

Client Sample ID: G270

Collection Date: 02/11/2025 11:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		2.75	ft	1	02/11/2025 11:17	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		6.3	NTU	1	02/11/2025 11:17	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		43	mV	1	02/11/2025 11:17	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		655	µS/cm	1	02/11/2025 11:17	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		10.5	°C	1	02/11/2025 11:17	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.79	mg/L	1	02/11/2025 11:17	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		7.09		1	02/11/2025 11:17	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		323	mg/L	1	02/12/2025 13:59	R360206
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/12/2025 13:59	R360206
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		448	mg/L	1	02/12/2025 15:15	R360273
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	0.28	mg/L	10	02/13/2025 9:34	R360304
Chloride	NELAP	1.00	5.00		13.6	mg/L	10	02/13/2025 9:34	R360304
Sulfate	NELAP	3.00	10.0		56.5	mg/L	10	02/13/2025 9:34	R360304
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		57.4	mg/L	1	02/13/2025 15:16	234691
Magnesium	NELAP	0.006	0.050		23.2	mg/L	1	02/13/2025 15:16	234691
Potassium	NELAP	0.040	0.100		0.751	mg/L	1	02/13/2025 15:16	234691
Sodium	NELAP	0.018	0.050		75.6	mg/L	1	02/13/2025 15:16	234691
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/14/2025 9:01	234691
Arsenic	NELAP	0.4	1.0	J	0.5	µg/L	5	02/14/2025 9:01	234691
Barium	NELAP	0.7	1.0		40.7	µg/L	5	02/14/2025 9:01	234691
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/14/2025 9:01	234691
Boron	NELAP	9.2	20	J	15	µg/L	5	02/14/2025 9:01	234691
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/14/2025 9:01	234691
Chromium	NELAP	0.7	1.5	J	0.9	µg/L	5	02/14/2025 9:01	234691
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	02/14/2025 9:01	234691
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	02/14/2025 9:01	234691
Lithium	*	1.4	3.0	J	2.2	µg/L	5	02/14/2025 9:01	234691
Molybdenum	NELAP	0.6	1.5	J	0.6	µg/L	5	02/14/2025 9:01	234691
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	02/14/2025 9:01	234691
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/14/2025 9:01	234691
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	02/14/2025 9:36	234700



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-043
Matrix: GROUNDWATER

Work Order: 25011232
Report Date: 14-Mar-25

Client Sample ID: G271

Collection Date: 02/11/2025 9:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.88	ft	1	02/11/2025 9:50	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	02/11/2025 9:50	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		99	mV	1	02/11/2025 9:50	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		944	µS/cm	1	02/11/2025 9:50	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.1	°C	1	02/11/2025 9:50	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.74	mg/L	1	02/11/2025 9:50	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		7.05		1	02/11/2025 9:50	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		289	mg/L	1	02/12/2025 13:51	R360206
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/12/2025 13:51	R360206
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		586	mg/L	1	02/12/2025 15:15	R360273
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		0.58	mg/L	10	02/13/2025 9:45	R360304
Chloride	NELAP	1.00	5.00		39.3	mg/L	10	02/13/2025 9:45	R360304
Sulfate	NELAP	3.00	10.0		167	mg/L	10	02/13/2025 9:45	R360304
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		70.3	mg/L	1	02/13/2025 15:18	234691
Magnesium	NELAP	0.006	0.050		33.4	mg/L	1	02/13/2025 15:18	234691
Potassium	NELAP	0.040	0.100		0.326	mg/L	1	02/13/2025 15:18	234691
Sodium	NELAP	0.018	0.050		85.0	mg/L	1	02/13/2025 15:18	234691
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/14/2025 9:07	234691
Arsenic	NELAP	0.4	1.0	J	0.6	µg/L	5	02/14/2025 9:07	234691
Barium	NELAP	0.7	1.0		21.4	µg/L	5	02/14/2025 9:07	234691
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/14/2025 9:07	234691
Boron	NELAP	9.2	20.0		437	µg/L	5	02/17/2025 14:14	234691
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/14/2025 9:07	234691
Chromium	NELAP	0.7	1.5		1.9	µg/L	5	02/14/2025 9:07	234691
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	02/14/2025 9:07	234691
Lead	NELAP	0.6	1.0	J	0.7	µg/L	5	02/14/2025 9:07	234691
Lithium	*	1.4	3.0	J	2.1	µg/L	5	02/14/2025 9:07	234691
Molybdenum	NELAP	0.6	1.5	J	0.7	µg/L	5	02/14/2025 9:07	234691
Selenium	NELAP	0.6	1.0		1.2	µg/L	5	02/17/2025 14:14	234691
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/14/2025 9:07	234691
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	02/14/2025 9:45	234700



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-045
Matrix: GROUNDWATER

Work Order: 25011232
Report Date: 14-Mar-25

Client Sample ID: G273

Collection Date: 02/05/2025 9:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.16	ft	1	02/05/2025 9:39	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		15	NTU	1	02/05/2025 9:39	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		79	mV	1	02/05/2025 9:39	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1620	µS/cm	1	02/05/2025 9:39	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.0	°C	1	02/05/2025 9:39	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.63	mg/L	1	02/05/2025 9:39	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		7.18		1	02/05/2025 9:39	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		364	mg/L	1	02/06/2025 13:08	R359918
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/06/2025 13:08	R359918
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1310	mg/L	1	02/06/2025 15:04	R359984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		ND	mg/L	10	02/07/2025 15:43	R359889
Chloride	NELAP	1.00	5.00		52.3	mg/L	10	02/07/2025 15:43	R359889
Sulfate	NELAP	3.00	10.0		565	mg/L	10	02/07/2025 15:43	R359889
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		201	mg/L	1	02/07/2025 20:24	234436
Magnesium	NELAP	0.006	0.050		99.1	mg/L	1	02/07/2025 20:24	234436
Potassium	NELAP	0.040	0.100		0.688	mg/L	1	02/07/2025 20:24	234436
Sodium	NELAP	0.018	0.050		118	mg/L	1	02/07/2025 20:24	234436
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/11/2025 13:16	234436
Arsenic	NELAP	0.4	1.0	J	0.7	µg/L	5	02/11/2025 13:16	234436
Barium	NELAP	0.7	1.0		37.6	µg/L	5	02/11/2025 13:16	234436
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/11/2025 13:16	234436
Boron	NELAP	9.2	20.0		153	µg/L	5	02/11/2025 13:16	234436
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/11/2025 13:16	234436
Chromium	NELAP	0.7	1.5	J	1.1	µg/L	5	02/11/2025 13:16	234436
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	02/11/2025 13:16	234436
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	02/11/2025 13:16	234436
Lithium	*	1.4	3.0		7.2	µg/L	5	02/11/2025 13:16	234436
Molybdenum	NELAP	0.6	1.5	J	0.8	µg/L	5	02/11/2025 13:16	234436
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	02/11/2025 13:16	234436
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/11/2025 13:16	234436
<i>LCS recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	02/08/2025 15:31	234476



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-047
Matrix: GROUNDWATER

Work Order: 25011232
Report Date: 14-Mar-25

Client Sample ID: G275
Collection Date: 02/05/2025 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		Dry	ft	1	02/05/2025 0:00	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		Dry	NTU	1	02/05/2025 0:00	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		Dry	mV	1	02/05/2025 0:00	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		Dry	µS/cm	1	02/05/2025 0:00	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		Dry	°C	1	02/05/2025 0:00	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		Dry	mg/L	1	02/05/2025 0:00	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		Dry		1	02/05/2025 0:00	R360241



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-048
Matrix: GROUNDWATER

Work Order: 25011232
Report Date: 14-Mar-25

Client Sample ID: G275D

Collection Date: 02/05/2025 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		37.77	ft	1	02/05/2025 11:15	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		110	NTU	1	02/05/2025 11:15	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-92	mV	1	02/05/2025 11:15	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1420	µS/cm	1	02/05/2025 11:15	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		8.1	°C	1	02/05/2025 11:15	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.62	mg/L	1	02/05/2025 11:15	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		7.48		1	02/05/2025 11:15	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		773	mg/L	1	02/06/2025 12:44	R359918
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/06/2025 12:44	R359918
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		932	mg/L	1.25	02/06/2025 15:05	R359984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	0.32	mg/L	10	02/07/2025 11:14	R359889
Chloride	NELAP	1.00	5.00		13.3	mg/L	10	02/07/2025 11:14	R359889
Sulfate	NELAP	3.00	10.0		87.3	mg/L	10	02/07/2025 11:14	R359889
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		164	mg/L	1	02/07/2025 20:26	234436
Magnesium	NELAP	0.006	0.050		63.5	mg/L	1	02/07/2025 20:26	234436
Potassium	NELAP	0.040	0.100		2.58	mg/L	1	02/07/2025 20:26	234436
Sodium	NELAP	0.018	0.050		129	mg/L	1	02/07/2025 20:26	234436
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/11/2025 14:38	234436
Arsenic	NELAP	0.4	1.0		14.8	µg/L	5	02/11/2025 14:38	234436
Barium	NELAP	0.7	1.0		424	µg/L	5	02/11/2025 14:38	234436
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/11/2025 14:38	234436
Boron	NELAP	9.2	20.0		167	µg/L	5	02/11/2025 14:38	234436
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/11/2025 14:38	234436
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	02/11/2025 14:38	234436
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	02/11/2025 14:38	234436
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	02/11/2025 14:38	234436
Lithium	*	1.4	3.0	J	2.0	µg/L	5	02/11/2025 14:38	234436
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	02/11/2025 14:38	234436
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	02/11/2025 14:38	234436
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/11/2025 14:38	234436
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	02/10/2025 16:43	234520



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-049
Matrix: GROUNDWATER

Work Order: 25011232
Report Date: 14-Mar-25

Client Sample ID: G276

Collection Date: 02/05/2025 11:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		27.04	ft	1	02/05/2025 11:47	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.6	NTU	1	02/05/2025 11:47	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		114	mV	1	02/05/2025 11:47	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1330	µS/cm	1	02/05/2025 11:47	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.1	°C	1	02/05/2025 11:47	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		5.23	mg/L	1	02/05/2025 11:47	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		7.10		1	02/05/2025 11:47	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		486	mg/L	1	02/06/2025 12:54	R359918
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/06/2025 12:54	R359918
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	914	mg/L	1	02/12/2025 15:13	R360273
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	0.22	mg/L	10	02/07/2025 14:21	R359889
Chloride	NELAP	1.00	5.00		30.3	mg/L	10	02/07/2025 14:21	R359889
Sulfate	NELAP	3.00	10.0		263	mg/L	10	02/07/2025 14:21	R359889
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		158	mg/L	1	02/07/2025 20:37	234436
Magnesium	NELAP	0.006	0.050		71.7	mg/L	1	02/07/2025 20:37	234436
Potassium	NELAP	0.040	0.100		0.598	mg/L	1	02/07/2025 20:37	234436
Sodium	NELAP	0.018	0.050		104	mg/L	1	02/07/2025 20:37	234436
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/11/2025 14:44	234436
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	02/11/2025 14:44	234436
Barium	NELAP	0.7	1.0		45.0	µg/L	5	02/11/2025 14:44	234436
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/11/2025 14:44	234436
Boron	NELAP	9.2	20.0		27.7	µg/L	5	02/11/2025 14:44	234436
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/11/2025 14:44	234436
Chromium	NELAP	0.7	1.5	J	1.0	µg/L	5	02/11/2025 14:44	234436
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	02/11/2025 14:44	234436
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	02/11/2025 14:44	234436
Lithium	*	1.4	3.0		11.7	µg/L	5	02/11/2025 14:44	234436
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	02/11/2025 14:44	234436
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	02/11/2025 14:44	234436
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/11/2025 14:44	234436
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	02/10/2025 16:45	234520



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-050
Matrix: GROUNDWATER

Work Order: 25011232
Report Date: 14-Mar-25

Client Sample ID: G277

Collection Date: 02/05/2025 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		Dry	ft	1	02/05/2025 0:00	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		Dry	NTU	1	02/05/2025 0:00	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		Dry	mV	1	02/05/2025 0:00	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		Dry	µS/cm	1	02/05/2025 0:00	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		Dry	°C	1	02/05/2025 0:00	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		Dry	mg/L	1	02/05/2025 0:00	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		Dry		1	02/05/2025 0:00	R360241



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-052
Matrix: GROUNDWATER

Work Order: 25011232
Report Date: 14-Mar-25

Client Sample ID: G279

Collection Date: 02/06/2025 13:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		22.03	ft	1	02/06/2025 13:56	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.1	NTU	1	02/06/2025 13:56	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		159	mV	1	02/06/2025 13:56	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2300	µS/cm	1	02/06/2025 13:56	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.7	°C	1	02/06/2025 13:56	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		6.98	mg/L	1	02/06/2025 13:56	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		7.02		1	02/06/2025 13:56	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		357	mg/L	1	02/07/2025 10:46	R359974
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/07/2025 10:46	R359974
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1880	mg/L	1	02/10/2025 17:43	R360147
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	0.41	mg/L	10	02/11/2025 0:40	R360088
Chloride	NELAP	1.00	5.00		123	mg/L	10	02/11/2025 0:40	R360088
Sulfate	NELAP	3.00	10.0		962	mg/L	10	02/11/2025 0:40	R360088
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		273	mg/L	1	02/10/2025 12:26	234473
Magnesium	NELAP	0.006	0.050		183	mg/L	1	02/10/2025 12:26	234473
Potassium	NELAP	0.040	0.100		0.950	mg/L	1	02/10/2025 12:26	234473
Sodium	NELAP	0.018	0.050		105	mg/L	1	02/10/2025 12:26	234473
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/12/2025 23:10	234473
Arsenic	NELAP	0.4	1.0	J	0.5	µg/L	5	02/12/2025 23:10	234473
Barium	NELAP	0.7	1.0		40.0	µg/L	5	02/12/2025 23:10	234473
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/12/2025 23:10	234473
Boron	NELAP	9.2	20.0		1330	µg/L	5	02/12/2025 23:10	234473
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/12/2025 23:10	234473
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	02/12/2025 23:10	234473
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	02/12/2025 23:10	234473
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	02/12/2025 23:10	234473
Lithium	*	1.4	3.0		6.8	µg/L	5	02/18/2025 13:38	234473
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	02/12/2025 23:10	234473
Selenium	NELAP	0.6	1.0	J	0.9	µg/L	5	02/12/2025 23:10	234473
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/14/2025 18:07	234473
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	02/10/2025 17:06	234483



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

Lab ID: 25011232-053

Client Sample ID: G280

Matrix: GROUNDWATER

Collection Date: 02/06/2025 14:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.04	ft	1	02/06/2025 14:23	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		16	NTU	1	02/06/2025 14:23	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		119	mV	1	02/06/2025 14:23	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		827	µS/cm	1	02/06/2025 14:23	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		11.8	°C	1	02/06/2025 14:23	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.03	mg/L	1	02/06/2025 14:23	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		7.49		1	02/06/2025 14:23	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		271	mg/L	1	02/07/2025 10:52	R359974
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/07/2025 10:52	R359974
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		504	mg/L	1	02/10/2025 17:51	R360147
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	0.21	mg/L	10	02/11/2025 0:51	R360088
Chloride	NELAP	1.00	5.00		60.1	mg/L	10	02/11/2025 0:51	R360088
Sulfate	NELAP	3.00	10.0		87.0	mg/L	10	02/11/2025 0:51	R360088
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		79.6	mg/L	1	02/10/2025 12:27	234473
Magnesium	NELAP	0.006	0.050		36.2	mg/L	1	02/10/2025 12:27	234473
Potassium	NELAP	0.040	0.100		0.771	mg/L	1	02/10/2025 12:27	234473
Sodium	NELAP	0.018	0.050		56.2	mg/L	1	02/10/2025 12:27	234473
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/12/2025 23:16	234473
Arsenic	NELAP	0.4	1.0	J	0.6	µg/L	5	02/12/2025 23:16	234473
Barium	NELAP	0.7	1.0		47.0	µg/L	5	02/12/2025 23:16	234473
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/12/2025 23:16	234473
Boron	NELAP	9.2	20.0		< 20.0	µg/L	5	02/12/2025 23:16	234473
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/12/2025 23:16	234473
Chromium	NELAP	0.7	1.5		2.2	µg/L	5	02/12/2025 23:16	234473
Cobalt	NELAP	0.1	1.0	J	0.4	µg/L	5	02/12/2025 23:16	234473
Lead	NELAP	0.6	1.0	J	0.6	µg/L	5	02/12/2025 23:16	234473
Lithium	*	1.4	3.0		4.9	µg/L	5	02/18/2025 13:43	234473
Molybdenum	NELAP	0.6	1.5	J	1.2	µg/L	5	02/12/2025 23:16	234473
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	02/12/2025 23:16	234473
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/14/2025 18:56	234473
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	J	0.18	µg/L	1	02/10/2025 9:42	234483



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

Lab ID: 25011232-055

Client Sample ID: G283

Matrix: GROUNDWATER

Collection Date: 02/10/2025 13:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.64	ft	1	02/10/2025 13:27	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		120	NTU	1	02/10/2025 13:27	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-13	mV	1	02/10/2025 13:27	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1190	µS/cm	1	02/10/2025 13:27	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		10.9	°C	1	02/10/2025 13:27	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.98	mg/L	1	02/10/2025 13:27	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		6.98		1	02/10/2025 13:27	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		415	mg/L	1	02/11/2025 11:00	R360118
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/11/2025 11:00	R360118
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		825	mg/L	1.25	02/11/2025 17:21	R360208
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	0.28	mg/L	10	02/12/2025 0:46	R360177
Chloride	NELAP	1.00	5.00		37.7	mg/L	10	02/12/2025 0:46	R360177
Sulfate	NELAP	3.00	10.0		262	mg/L	10	02/12/2025 0:46	R360177
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	132	mg/L	1	02/11/2025 9:37	234593
Magnesium	NELAP	0.006	0.050	S	64.7	mg/L	1	02/11/2025 9:37	234593
Potassium	NELAP	0.040	0.100		1.13	mg/L	1	02/11/2025 9:37	234593
Sodium	NELAP	0.018	0.050	S	52.8	mg/L	1	02/11/2025 9:37	234593
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/13/2025 5:54	234593
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	02/18/2025 19:17	234593
Barium	NELAP	0.7	1.0		137	µg/L	5	02/13/2025 5:54	234593
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/13/2025 5:54	234593
Boron	NELAP	9.2	20.0		58.8	µg/L	5	02/13/2025 5:54	234593
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/13/2025 5:54	234593
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	02/13/2025 5:54	234593
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	02/13/2025 5:54	234593
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	02/13/2025 5:54	234593
Lithium	*	1.4	3.0		9.9	µg/L	5	02/18/2025 19:17	234593
Molybdenum	NELAP	0.6	1.5	J	1.4	µg/L	5	02/13/2025 5:54	234593
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	02/13/2025 5:54	234593
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/13/2025 5:54	234593
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	02/12/2025 21:45	234608



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

Lab ID: 25011232-056

Client Sample ID: G284

Matrix: GROUNDWATER

Collection Date: 02/10/2025 13:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.41	ft	1	02/10/2025 13:54	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.5	NTU	1	02/10/2025 13:54	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		97	mV	1	02/10/2025 13:54	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		651	µS/cm	1	02/10/2025 13:54	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		10.5	°C	1	02/10/2025 13:54	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		5.21	mg/L	1	02/10/2025 13:54	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		7.20		1	02/10/2025 13:54	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		268	mg/L	1	02/11/2025 10:54	R360118
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/11/2025 10:54	R360118
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		390	mg/L	1	02/11/2025 17:18	R360208
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	0.39	mg/L	10	02/12/2025 0:58	R360177
Chloride	NELAP	1.00	5.00		13.5	mg/L	10	02/12/2025 0:58	R360177
Sulfate	NELAP	3.00	10.0		40.8	mg/L	10	02/12/2025 0:58	R360177
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		53.7	mg/L	1	02/11/2025 9:39	234593
Magnesium	NELAP	0.006	0.050		23.9	mg/L	1	02/11/2025 9:39	234593
Potassium	NELAP	0.040	0.100		0.553	mg/L	1	02/11/2025 9:39	234593
Sodium	NELAP	0.018	0.050		49.1	mg/L	1	02/11/2025 9:39	234593
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/13/2025 5:47	234593
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	02/18/2025 5:01	234593
Barium	NELAP	0.7	1.0		52.0	µg/L	5	02/13/2025 5:47	234593
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/13/2025 5:47	234593
Boron	NELAP	9.2	20.0		48.3	µg/L	5	02/13/2025 5:47	234593
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/13/2025 5:47	234593
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	02/13/2025 5:47	234593
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	02/13/2025 5:47	234593
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	02/13/2025 5:47	234593
Lithium	*	1.4	3.0		8.9	µg/L	5	02/18/2025 18:56	234593
Molybdenum	NELAP	0.6	1.5		21.8	µg/L	5	02/13/2025 5:47	234593
Selenium	NELAP	0.6	1.0	J	0.6	µg/L	5	02/13/2025 5:47	234593
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/13/2025 5:47	234593
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	02/12/2025 21:47	234608



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-057
Matrix: GROUNDWATER

Work Order: 25011232
Report Date: 14-Mar-25

Client Sample ID: G285

Collection Date: 02/11/2025 9:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.54	ft	1	02/11/2025 9:48	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		46	NTU	1	02/11/2025 9:48	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		70	mV	1	02/11/2025 9:48	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1910	µS/cm	1	02/11/2025 9:48	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		11.3	°C	1	02/11/2025 9:48	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.25	mg/L	1	02/11/2025 9:48	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		6.82		1	02/11/2025 9:48	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		614	mg/L	1	02/12/2025 11:23	R360206
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/12/2025 11:23	R360206
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	53	67		1450	mg/L	3.33	02/12/2025 16:16	R360273
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	0.25	mg/L	10	02/13/2025 23:34	R360304
Chloride	NELAP	1.00	5.00		24.3	mg/L	10	02/13/2025 23:34	R360304
Sulfate	NELAP	3.00	10.0		652	mg/L	10	02/13/2025 23:34	R360304
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		251	mg/L	1	02/13/2025 15:19	234691
Magnesium	NELAP	0.006	0.050		84.8	mg/L	1	02/13/2025 15:19	234691
Potassium	NELAP	0.040	0.100		2.53	mg/L	1	02/13/2025 15:19	234691
Sodium	NELAP	0.018	0.050		164	mg/L	1	02/13/2025 15:19	234691
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/14/2025 9:13	234691
Arsenic	NELAP	0.4	1.0	J	0.6	µg/L	5	02/14/2025 9:13	234691
Barium	NELAP	0.7	1.0		34.5	µg/L	5	02/14/2025 9:13	234691
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/14/2025 9:13	234691
Boron	NELAP	9.2	20.0		128	µg/L	5	02/17/2025 14:20	234691
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/14/2025 9:13	234691
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	02/14/2025 9:13	234691
Cobalt	NELAP	0.1	1.0		2.1	µg/L	5	02/14/2025 9:13	234691
Lead	NELAP	0.6	1.0	J	0.7	µg/L	5	02/14/2025 9:13	234691
Lithium	*	1.4	3.0		5.3	µg/L	5	02/17/2025 14:20	234691
Molybdenum	NELAP	0.6	1.5		4.0	µg/L	5	02/14/2025 9:13	234691
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	02/14/2025 9:13	234691
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/14/2025 9:13	234691
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	02/14/2025 9:50	234700



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-093
Matrix: LEACHATE

Work Order: 25011232
Report Date: 14-Mar-25

Client Sample ID: X201
Collection Date: 02/11/2025 10:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		26.87	ft	1	02/11/2025 10:10	R360241
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.2	NTU	1	02/11/2025 10:10	R360241
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		200	mV	1	02/11/2025 10:10	R360241
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		21000	µS/cm	1	02/11/2025 10:10	R360241
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		3.8	°C	1	02/11/2025 10:10	R360241
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		11.3	mg/L	1	02/11/2025 10:10	R360241
SW-846 9040B FIELD									
pH	*	0	1.00		6.42		1	02/11/2025 10:10	R360241
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		8	mg/L	1	02/12/2025 12:50	R360206
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/12/2025 12:50	R360206
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	800	1000		14300	mg/L	50	02/12/2025 16:16	R360273
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	2.00	5.00		29.4	mg/L	100	02/14/2025 1:19	R360304
Chloride	NELAP	10.0	50.0		935	mg/L	100	02/14/2025 1:19	R360304
Sulfate	NELAP	30.0	100		13400	mg/L	100	02/14/2025 1:19	R360304
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		326	mg/L	1	02/13/2025 16:00	234691
Magnesium	NELAP	0.006	0.050		1020	mg/L	1	02/13/2025 16:00	234691
Potassium	NELAP	0.800	2.00		135	mg/L	20	02/14/2025 13:45	234691
Sodium	NELAP	0.360	1.00		528	mg/L	20	02/14/2025 13:45	234691
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/14/2025 11:10	234691
Arsenic	NELAP	0.4	1.0		2.1	µg/L	5	02/14/2025 11:10	234691
Barium	NELAP	0.7	1.0		32.6	µg/L	5	02/14/2025 11:10	234691
Beryllium	NELAP	0.2	1.0		1.1	µg/L	5	02/17/2025 17:42	234691
Boron	NELAP	9.2	20.0		28700	µg/L	5	02/18/2025 14:58	234691
Cadmium	NELAP	0.2	1.0		16.8	µg/L	5	02/14/2025 11:10	234691
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	02/14/2025 11:10	234691
Cobalt	NELAP	0.1	1.0		42.8	µg/L	5	02/14/2025 11:10	234691
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	02/14/2025 11:10	234691
Lithium	*	1.4	3.0		239	µg/L	5	02/14/2025 11:10	234691
Molybdenum	NELAP	0.6	1.5		62.0	µg/L	5	02/14/2025 11:10	234691
Selenium	NELAP	0.6	1.0		270	µg/L	5	02/17/2025 17:42	234691
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/14/2025 11:10	234691
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20	S	< 0.20	µg/L	1	02/17/2025 10:06	234840
Matrix spike did not recover within control limits due to sample composition. Verified by re-prep and re-analysis.									



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011232-097
Matrix: AQUEOUS

Work Order: 25011232
Report Date: 14-Mar-25
Client Sample ID: Field Blank
Collection Date: 02/11/2025 11:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/12/2025 14:23	R360206
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/12/2025 14:23	R360206
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		52	mg/L	1	02/12/2025 16:20	R360273
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		ND	mg/L	10	02/14/2025 1:54	R360304
Chloride	NELAP	1.00	5.00		ND	mg/L	10	02/14/2025 1:54	R360304
Sulfate	NELAP	3.00	10.0		ND	mg/L	10	02/14/2025 1:54	R360304
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		< 0.100	mg/L	1	02/13/2025 13:02	234691
Magnesium	NELAP	0.006	0.050		< 0.050	mg/L	1	02/13/2025 13:02	234691
Potassium	NELAP	0.040	0.100		< 0.100	mg/L	1	02/13/2025 13:02	234691
Sodium	NELAP	0.018	0.050		< 0.050	mg/L	1	02/13/2025 13:02	234691
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	02/14/2025 11:52	234691
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	02/14/2025 11:52	234691
Barium	NELAP	0.7	1.0		< 1.0	µg/L	5	02/14/2025 11:52	234691
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/14/2025 11:52	234691
Boron	NELAP	9.2	20.0		< 20.0	µg/L	5	02/18/2025 14:47	234691
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	02/14/2025 11:52	234691
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	02/14/2025 11:52	234691
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	02/14/2025 11:52	234691
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	02/14/2025 11:52	234691
Lithium	*	1.4	3.0		< 3.0	µg/L	5	02/14/2025 11:52	234691
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	02/14/2025 11:52	234691
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	02/14/2025 11:52	234691
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	02/14/2025 11:52	234691
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	02/14/2025 10:13	234700



Sample Summary

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25011232-042	G270	Groundwater	6	02/11/2025 11:17
25011232-043	G271	Groundwater	6	02/11/2025 9:50
25011232-045	G273	Groundwater	6	02/05/2025 9:39
25011232-047	G275	Groundwater	6	02/05/2025 0:00
25011232-048	G275D	Groundwater	4	02/05/2025 11:15
25011232-049	G276	Groundwater	6	02/05/2025 11:47
25011232-050	G277	Groundwater	6	02/05/2025 0:00
25011232-052	G279	Groundwater	6	02/06/2025 13:56
25011232-053	G280	Groundwater	6	02/06/2025 14:23
25011232-055	G283	Groundwater	3	02/10/2025 13:27
25011232-056	G284	Groundwater	3	02/10/2025 13:54
25011232-057	G285	Groundwater	3	02/11/2025 9:48
25011232-093	X201	Leachate	3	02/11/2025 10:10
25011232-097	Field Blank	Aqueous	8	02/11/2025 11:01



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

STANDARD METHODS 2510 B FIELD

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1420	1412	0	100.5	90	110	02/05/2025	

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-JC											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.9	90	110	02/04/2025	

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.0	90	110	02/10/2025	

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$							
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	02/07/2025	

Batch R360241		SampType: LCS		Units μS/cm							
SampID: LCS-2-JC											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	02/05/2025	

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	02/11/2025	

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1420	1412	0	100.5	90	110	02/10/2025	

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-JC											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field		*	0		1410	1412	0	100.1	90	110	02/06/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

STANDARD METHODS 2510 B FIELD

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.9	90	110	02/28/2025	

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$								
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	02/11/2025		

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$								Date Analyzed
SampID: LCS-4-JC												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Spec. Conductance, Field		*	0		1410	1412	0	100.1	90	110	02/07/2025	

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-5-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.9	90	110	02/10/2025	

Batch R360241		SampType: LCS		Units $\mu\text{S/cm}$								Date Analyzed
SampID: LCS-6-JC												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Spec. Conductance, Field		*	0		1410	1412	0	99.9	90	110	02/11/2025	

SW-846 9040B FIELD

Batch R360241		SampType: LCS		Units								Date Analyzed
SampID: LCS-1-BG												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		6.98	7.000	0	99.7	98.57	101.4	02/05/2025		

Batch R360241		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		7.01	7.000	0	100.1	98.57	101.4	02/04/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 9040B FIELD

Batch R360241		SampType: LCS		Units							
SampID: LCS-1-TC											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
pH	*	1.00		7.07	7.000	0	101.0	98.57	101.4	02/10/2025	

Batch R360241		SampType: LCS		Units							Date Analyzed
SampID: LCS-2-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		6.99	7.000	0	99.9	98.57	101.4	02/07/2025	

Batch R360241		SampType: LCS		Units							
SampID: LCS-2-JC											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4	02/05/2025	

Batch R360241		SampType: LCS		Units							
SampID: LCS-2-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.05	7.000	0	100.7	98.57	101.4	02/11/2025	

Batch R360241		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		7.02	7.000	0	100.3	98.57	101.4	02/10/2025	

Batch R360241		SampType: LCS		Units							
SampID: LCS-3-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4	02/06/2025	

Batch R360241		SampType: LCS		Units							
SampID: LCS-3-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		6.97	7.000	0	99.6	98.57	101.4	02/28/2025	

Batch R360241		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		7.02	7.000	0	100.3	98.57	101.4	02/11/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 9040B FIELD

Batch R360241		SampType: LCS		Units								Date
SampID: LCS-4-JC												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4			

Batch R360241		SampType: LCS		Units								Date
SampID: LCS-5-JC												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4			

Batch R360241		SampType: LCS		Units								Date
SampID: LCS-6-JC												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4			

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R359926		SampType: MBLK		Units mg/L								Date
SampID: MBLK												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100			
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100			
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100			

Batch R359926		SampType: LCS		Units mg/L								Date
SampID: LCS												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Total Dissolved Solids		20		964	1000	0	96.4	90	110			
Total Dissolved Solids		20		984	1000	0	98.4	90	110			
Total Dissolved Solids		20		970	1000	0	97.0	90	110			

Batch R359926		SampType: DUP		Units mg/L								RPD Limit 10
SampID: 25011232-023ADUP												Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Total Dissolved Solids		20		582				562.0	3.50			

Batch R359926		SampType: DUP		Units mg/L								RPD Limit 10
SampID: 25010617-032ADUP												Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Total Dissolved Solids		20		156				164.0	5.00			



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R359984		SampType: LCS		Units mg/L						
SampID: LCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		904	1000	0	90.4	90	110	02/06/2025
Total Dissolved Solids		20		974	1000	0	97.4	90	110	02/06/2025

Batch R359984		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25011232-005ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		378				374.0	1.06	02/06/2025

Batch R359984		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25011232-092ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		460				466.0	1.30	02/06/2025

Batch R359984		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25020223-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			200		2480				2660	7.00	02/06/2025

Batch R360061		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids			20		< 20	16.00	0	0	-100	100	02/07/2025
Total Dissolved Solids			20		< 20	16.00	0	0	-100	100	02/07/2025

Batch R360061		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		990	1000	0	99.0	90	110	02/07/2025	
Total Dissolved Solids		20		996	1000	0	99.6	90	110	02/07/2025	

Batch R360061		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25020417-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			200		2020				2200	8.53	02/07/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R360061		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25020449-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			25		870				835.0	4.11	02/07/2025

Batch R360061		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25020449-002BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		374				342.0	8.94	02/07/2025

Batch R360147		SampType: MBLK		Units mg/L							
SampID: MBLK											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Total Dissolved Solids			20		< 20	16.00	0	0	-100	100	02/10/2025
Total Dissolved Solids			20		< 20	16.00	0	0	-100	100	02/10/2025
Total Dissolved Solids			20		< 20	16.00	0	0	-100	100	02/10/2025

Batch R360147		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		1000	1000	0	100.0	90	110	02/10/2025
Total Dissolved Solids		20		1030	1000	0	103.4	90	110	02/10/2025
Total Dissolved Solids		20		930	1000	0	93.0	90	110	02/10/2025

Batch R360147		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25011232-026ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		658				702.0	6.47	02/10/2025

Batch R360147		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25011232-054ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		994				1072	7.55	02/10/2025

Batch R360147		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25011232-081ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		510				496.0	2.78	02/10/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R360147		SampType: DUP		Units mg/L		RPD Limit 10					Date Analyzed
SampID: 25020557-001BDUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		754				724.0	4.06	02/10/2025	

Batch R360208		SampType: MBLK		Units mg/L							
SampID: MBLK											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	02/11/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	02/11/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	02/11/2025	

Batch R360208		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		988	1000	0	98.8	90	110	02/11/2025	
Total Dissolved Solids		20		986	1000	0	98.6	90	110	02/11/2025	
Total Dissolved Solids		20		998	1000	0	99.8	90	110	02/11/2025	

Batch R360208		SampType: DUP		Units mg/L		RPD Limit 10					Date Analyzed
SampID: 25011232-100ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		910				878.0	3.58	02/11/2025	

Batch R360208		SampType: DUP		Units mg/L		RPD Limit 10					Date Analyzed
SampID: 25011232-101ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		744				702.0	5.81	02/11/2025	

Batch R360208		SampType: DUP		Units mg/L		RPD Limit 10					Date Analyzed
SampID: 25011232-102ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		1380				1404	1.72	02/11/2025	

Batch R360208		SampType: DUP		Units mg/L		RPD Limit 10					Date Analyzed
SampID: 25020557-008BDUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		940				938.0	0.21	02/11/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R360208		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25020757-001BDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		33		357				370.7	3.67	02/11/2025	

Batch R360273		SampType: MBLK		Units mg/L							
SampID: MBLK										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	02/12/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	02/12/2025	

Batch R360273		SampType: LCS		Units mg/L							
SampID: LCS										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		952	1000	0	95.2	90	110	02/12/2025	
Total Dissolved Solids		20		954	1000	0	95.4	90	110	02/12/2025	

Batch R360273		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25011232-071ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		884				910.0	2.90	02/12/2025	

Batch R360273		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25011232-097ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		50				52.00	3.92	02/12/2025	

Batch R360273		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25020831-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		200		940				1020	8.16	02/12/2025	

Batch R360377		SampType: MBLK		Units mg/L							
SampID: MBLK										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	02/13/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	02/14/2025	



Quality Control Results

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Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R360377		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		996	1000	0	99.6	90	110	02/14/2025
Total Dissolved Solids		20		1050	1000	0	105.2	90	110	02/13/2025

Batch R360377		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25011232-083ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			1000		14200				13600	4.32	02/13/2025

Batch R360377		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25020872-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Dissolved Solids			20		920				940.0	2.15	02/13/2025

Batch R360377		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25021069-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			1000		18800				17500	7.16	02/14/2025

Batch R360377		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25021091-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1100				1130	2.69	02/14/2025

Batch R361204		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	03/03/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	03/03/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	03/03/2025	

Batch R361204		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		944	1000	0	94.4	90	110	03/03/2025	
Total Dissolved Solids		20		926	1000	0	92.6	90	110	03/03/2025	
Total Dissolved Solids		20		948	1000	0	94.8	90	110	03/03/2025	



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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

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

Batch R360021		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.00	1.000	0	100.1	90	110	02/07/2025	

Batch R360021		SampType: MS		Units mg/L							
SampID: 25011232-004EMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.82	2.000	0	90.8	90	110	02/07/2025	

Batch R360021		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25011232-004EMSD											
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	91.2	1.816	0.44	02/07/2025

Batch R360021		SampType: MS		Units mg/L							
SampID: 25011232-019EMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.10	S	1.80	2.000	0	89.9	90	110	02/07/2025	

Batch R360021		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25011232-019EMSD											
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	89.7	1.798	0.21	02/07/2025

Batch R360021		SampType: MS		Units mg/L							
SampID: 25020113-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10	S	2.35	2.000	0.5662	89.3	90	110	02/07/2025	

Batch R360021		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020113-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10	S	2.34	2.000	0.5662	88.4	2.353	0.76	02/07/2025

Batch R360021		SampType: MS		Units mg/L							
SampID: 25020247-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.20	S	7.41	4.000	3.910	87.6	90	110	02/07/2025	



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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

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Batch R360021		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020247-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.20	S	7.30	4.000	3.910	84.7	7.414	1.58	02/07/2025

Batch R360021		SampType: MS		Units mg/L							
SampID: 25020281-007BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.82	2.000	0	90.9	90	110	02/07/2025	

Batch R360021		SampType:	MSD		Units mg/L				RPD Limit 10			
SampID: 25020281-007BMSD												
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	91.2	1.819	0.27	02/07/2025

Batch R360021		SampType: MS		Units mg/L							
SampID: 25020390-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.84	2.000	0	92.0	90	110	02/07/2025	

Batch R360021		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25020390-002BMSD											
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	91.6	1.840	0.40	02/07/2025

Batch R360021		SampType: MS		Units mg/L							
SampID: 25020429-002BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		3.30	2.000	1.459	92.2	90	110	02/07/2025

Batch R360021		SampType:	MSD		Units mg/L			RPD Limit 10			
SampID: 25020429-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		3.28	2.000	1.459	91.1	3.304	0.69	02/07/2025

Batch R360110		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		< 0.10	0.0270	0	0	-100	100	02/10/2025



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Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

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Batch R360110		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		1.09	1.000	0	108.8	90	110	02/10/2025	

Batch R360110		SampType: MS		Units mg/L						
SampID: 25020355-002BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		5.00		108	100.0	12.58	95.0	90	110	02/10/2025

Batch R360110		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020355-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			5.00		105	100.0	12.58	92.0	107.5	2.81	02/10/2025

Batch R360110		SampType: MS		Units mg/L						
SampID: 25020362-001FMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		11.0	10.00	1.824	91.5	90	110	02/10/2025

Batch R360110		SampType: MSD		Units mg/L				RPD Limit 10		
SampID: 25020362-001FMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.50		11.0	10.00	1.824	91.6	10.97	0.09	02/10/2025

Batch R360110		SampType: MS		Units mg/L							
SampID: 25020449-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.50		10.5	10.00	1.459	90.3	90	110	02/10/2025	

Batch R360110		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020449-001EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.50		10.5	10.00	1.459	90.8	10.49	0.50	02/10/2025

Batch R360110		SampType: MS		Units mg/L							
SampID: 25020731-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10	S	1.79	2.000	0.02780	88.0	90	110	02/11/2025	



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Client Project: COF-25Q1

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Batch R360110		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020731-001EMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Ammonia (as N)			0.10	S	1.81	2.000	0.02780	89.2	1.788	1.30	02/11/2025

Batch R360204		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Ammonia (as N)			0.10		< 0.10	0.0270	0	0	-100	100	02/12/2025

Batch R360204		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Ammonia (as N)			0.10		1.07	1.000	0	107.3	90	110	
02/12/2025											

Batch R360204		SampType: MS		Units mg/L							
SampID: 25020176-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		3.11	2.000	1.184	96.3	90	110	02/13/2025	

Batch R360204		SampType:	MSD		Units mg/L				RPD Limit 10			
SampID: 25020176-001EMSD												
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)				0.10		3.09	2.000	1.184	95.4	3.110	0.57	02/13/2025

Batch R360204		SampType: MS		Units mg/L							
SampID: 25020346-002BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		2.92	2.000	1.012	95.4	90	110	02/12/2025

Batch R360204		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020346-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		2.94	2.000	1.012	96.4	2.919	0.73	02/12/2025

Batch R360204		SampType: MS		Units mg/L							
SampID: 25020558-001HMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		2.16	2.000	0.2293	96.5	90	110	02/12/2025



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Batch R360204		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020558-001HMSD											
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	0.2293	95.1	2.160	1.31	02/12/2025

Batch R360204		SampType: MS		Units mg/L							
SampID: 25020756-001HMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.10		2.62	2.000	0.7613	92.7	90	110	02/12/2025	

Batch R360204		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020756-001HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		2.59	2.000	0.7613	91.4	2.616	1.02	02/12/2025

Batch R360204		SampType: MS		Units mg/L							
SampID: 25020769-002BMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Ammonia (as N)		0.10		2.85	2.000	0.9957	92.8	90	110	02/12/2025	

Batch R360204		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25020769-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Ammonia (as N)			0.10		2.87	2.000	0.9957	93.5	2.852	0.50	02/12/2025

Batch R360204		SampType: MS		Units mg/L							
SampID: 25020827-007BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.10		1.96	2.000	0	97.9	90	110	02/12/2025	

Batch R360204		SampType: MSD		Units mg/L				RPD Limit 10				Date Analyzed
SampID: 25020827-007BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Ammonia (as N)				0.10		1.93	2.000	0	96.3	1.958	1.65	02/12/2025

Batch R360204		SampType: MS		Units mg/L							
SampID: 25020866-001CMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		3.98	2.000	2.087	94.7	90	110	02/12/2025



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Batch R360204		SampType: MSD		Units mg/L				RPD Limit 10				
SampID: 25020866-001CMSD											Date Analyzed	
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Ammonia (as N)				0.10		3.96	2.000	2.087	93.9	3.981	0.43	02/12/2025

Batch R360204		SampType: MS		Units mg/L							
SampID: 25020872-003HMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Ammonia (as N)		0.10	S	1.95	2.000	0.1653	89.3	90	110	02/12/2025	

Batch R360204		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020872-003HMSD											
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	0.1653	90.3	1.952	0.97	02/12/2025

Batch R360204		SampType: MS		Units mg/L							
SampID: 25020960-002BMS											
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	0.04300	94.1	90	110	02/13/2025	

Batch R360204		SampType: MSD	Units mg/L					RPD Limit 10			
SampID: 25020960-002BMSD											
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	0.04300	94.3	1.926	0.14	02/13/2025

Batch R360204		SampType: MS		Units mg/L							
SampID: 25020970-002CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10	E	5.74	2.000	3.844	94.9	90	110	02/13/2025	

Batch R360204		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020970-002CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10	E	5.71	2.000	3.844	93.4	5.742	0.54	02/13/2025



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Work Order: 25011232
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STANDARD METHODS 4500-NO2 B (DISSOLVED) 2000, 2011

Batch R359928		SampType: MS		Units mg/L							Date
SampID: 25011232-005BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.0	85	115	02/06/2025	

Batch R359928		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25011232-005BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.51	0.5000	0	101.4	0.5100	0.59	02/06/2025

Batch R359928		SampType: MS		Units mg/L							Date
SampID: 25011232-010BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	101.0	85	115	02/06/2025	

Batch R359928		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25011232-010BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	100.4	0.5050	0.60	02/06/2025

Batch R359988		SampType: MS		Units mg/L							Date
SampID: 25011232-014BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.47	0.5000	0	93.8	85	115	02/07/2025	

Batch R359988		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25011232-014BMSD											
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	0.4690	1.27	02/07/2025

Batch R359988		SampType: MS		Units mg/L							Date
SampID: 25011232-015BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.47	0.5000	0	93.2	85	115	02/07/2025	

Batch R359988		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25011232-015BMSD											
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	94.0	0.4660	0.85	02/07/2025



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Batch R359988		SampType: MS		Units mg/L						
SampID: 25020557-008BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.46	0.5000	0	91.2	85	115	02/07/2025

Batch R359988		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020557-008BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.46	0.5000	0	92.8	0.4560	1.74	02/07/2025

Batch R359988		SampType: MS		Units mg/L						
SampID: 25020584-008BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.2	85	115	02/07/2025

Batch R359988		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25020584-008BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	99.6	0.5010	0.60	02/07/2025

Batch R360131		SampType: MS		Units mg/L							
SampID: 25011232-097BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	101.8	85	115	02/11/2025	

Batch R360131		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25011232-097BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.51	0.5000	0	101.2	0.5090	0.59	02/11/2025

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

Batch R359863		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	02/05/2025	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	02/05/2025	



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Client: Ramboll

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Batch R359863		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.29	0.3045	0	93.6	90	110	02/05/2025	
Nitrogen, Nitrite (as N)		0.05		0.29	0.3045	0	93.9	90	110	02/05/2025	

Batch R359863		SampType: MS		Units mg/L						
SampID: 25020285-001AMS										
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	96.8	85	115	02/05/2025

Batch R359863		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020285-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.48	0.5000	0	96.6	0.4840	0.21	02/05/2025

Batch R359863		SampType: MS		Units mg/L							
SampID: 25020294-008AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.46	0.5000	0	92.4	85	115	02/05/2025	

Batch R359863		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020294-008AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.47	0.5000	0	94.8	0.4620	2.56	02/05/2025

Batch R359863		SampType: MS		Units mg/L							
SampID: 25020294-009AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	95.2	85	115	02/05/2025	

Batch R359863		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25020294-009AMSD											
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	95.8	0.4760	0.63	02/05/2025



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Batch R359863		SampType: MS		Units mg/L						
SampID: 25020294-012AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	95.2	85	115	02/05/2025

Batch R359863		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020294-012AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.47	0.5000	0	94.6	0.4760	0.63	02/05/2025

Batch R359863		SampType: MS		Units mg/L							
SampID: 25020294-013EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	96.4	85	115	02/05/2025	

Batch R359863		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25020294-013EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	96.4	0.4820	0.00	02/05/2025	

Batch R359863		SampType: MS		Units mg/L							
SampID: 25020338-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.47	0.5000	0.01500	91.2	85	115	02/05/2025	

Batch R359863		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020338-001AMSD											
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	0.01500	91.6	0.4710	0.42	02/05/2025

Batch R359928		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	02/06/2025
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	02/06/2025



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Batch R359928		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	02/06/2025
Nitrogen, Nitrite (as N)		0.05		0.30	0.3045	0	99.5	90	110	02/06/2025

Batch R359928		SampType: MS		Units mg/L						
SampID: 25020522-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.0	85	115	02/06/2025

Batch R359928		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020522-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	100.6	0.5100	1.38	02/06/2025

Batch R359988		SampType: MBLK		Units mg/L							
SampID: MBLK											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	02/07/2025	

Batch R359988		SampType: LCS		Units mg/L							
SampID: LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.29	0.3045	0	95.2	90	110	02/07/2025	

Batch R359988		SampType: MS		Units mg/L							
SampID: 25020457-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05	S	0.18	0.5000	0	35.2	85	115	02/07/2025	

Batch R359988		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020457-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05	S	0.18	0.5000	0	36.4	0.1760	3.35	02/07/2025



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Batch R360064		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	02/10/2025
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	02/10/2025

Batch	R360064	SampType:	LCS	Units mg/L							
SampID: LCS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Nitrite (as N)			0.05		0.29	0.3045	0	93.9	90	110	
Nitrogen, Nitrite (as N)			0.05		0.29	0.3045	0	93.9	90	110	

Batch R360064		SampType: MS		Units mg/L						
SampID: 25020681-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.54	0.5000	0	107.0	85	115	02/10/2025

Batch	R360064	SampType:	MSD	Units mg/L							RPD Limit	10
SampID: 25020681-001AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.6	0.5350	2.27	02/10/2025		

Batch R360064		SampType: MS		Units mg/L							
SampID: 25020720-002AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	105.4	85	115	02/10/2025	

Batch R360064		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25020720-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.51	0.5000	0	101.8	0.5270	3.47	02/10/2025

Batch R360131		SampType: MBLK		Units mg/L							
SampID: MBLK											Date
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	02/11/2025



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Batch R360131		SampType: LCS		Units mg/L							
SampID: LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.28	0.3045	0	91.3	90	110	02/11/2025	

Batch R360131		SampType: MS		Units mg/L						
SampID: 25020799-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.49	0.5000	0	97.8	85	115	02/11/2025

Batch R360131		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25020799-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0	98.4	0.4890	0.61	02/11/2025

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

Batch R359864		SampType: MS		Units mg/L							
SampID: 25011232-004BMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		1.00		11.5	5.000	6.133	106.6	85	115	02/05/2025	

Batch R359864		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25011232-004BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			1.00		11.3	5.000	6.133	102.5	11.46	1.82	02/05/2025

Batch R359864		SampType: MS		Units mg/L							
SampID: 25011232-091BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.100		1.62	0.5000	1.143	94.6	85	115	02/05/2025

Batch R359864		SampType: MSD	Units mg/L					RPD Limit 10			
SampID: 25011232-091BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.100		1.67	0.5000	1.143	105.2	1.616	3.23	02/05/2025



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Batch R359864		SampType: MS		Units mg/L						
SampID: 25020362-003BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.272	0.2500	0	108.8	85	115	02/05/2025

Batch R359864		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020362-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050	R	0.240	0.2500	0	96.0	0.2720	12.50	02/05/2025

Batch R360189		SampType: MS		Units mg/L							
SampID: 25011232-097BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.252	0.2500	0	100.8	85	115	02/11/2025	

Batch R360189		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25011232-097BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050	SR	0.301	0.2500	0	120.4	0.2520	17.72	02/11/2025

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Batch R359864		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						02/05/2025	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	02/05/2025	

Batch R359864		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.485	0.5000	0	97.0	90	110	02/05/2025	

Batch R359864		SampType: MS		Units mg/L							
SampID: 25020338-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		2.50		30.1	12.50	18.03	96.6	90	110	02/05/2025	



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Batch R359864		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020338-001AMSD											
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	18.03	96.3	30.11	0.13	02/05/2025

Batch R359864		SampType: MS		Units mg/L							
SampID: 25020388-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		1.00		14.3	5.000	9.417	97.4	90	110	02/05/2025	

Batch R359864		SampType: MSD	Units mg/L					RPD Limit 10			Date Analyzed
SampID: 25020388-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			1.00		14.4	5.000	9.417	98.9	14.28	0.54	02/05/2025

Batch R359864		SampType: MS		Units mg/L							
SampID: 25020421-001BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.585	0.2500	0.3180	106.8	90	110	02/05/2025

Batch R359864		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020421-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.588	0.2500	0.3180	108.0	0.5850	0.51	02/05/2025

Batch	R359967	SampType:	MBLK	Units mg/L								
SampID: ICB/MBLK											Date	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed		
Nitrogen, Nitrate (as N)		0.050		< 0.050						02/06/2025		
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	02/06/2025		

Batch R359967		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.507	0.5000	0	101.4	90	110	02/06/2025



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Batch R359967		SampType: MS		Units mg/L						
SampID: 25020282-003AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100	E	2.10	0.5000	1.596	100.0	90	110	02/06/2025

Batch R359967		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020282-003AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.100	E	2.12	0.5000	1.596	105.8	2.096	1.37	02/06/2025

Batch R359967		SampType: MS		Units mg/L							
SampID: 25020301-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.348	0.2500	0.1050	97.2	90	110	02/06/2025	

Batch R359967		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020301-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.375	0.2500	0.1050	108.0	0.3480	7.47	02/06/2025

Batch R359967		SampType: MS		Units mg/L							
SampID: 25020431-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.288	0.2500	0.02500	105.2	90	110	02/06/2025	

Batch R359967		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020431-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.285	0.2500	0.02500	104.0	0.2880	1.05	02/06/2025

Batch R360063		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)			0.050		< 0.050						02/07/2025
Nitrogen, Nitrate-Nitrite (as N)			0.050		< 0.050	0.0090	0	0	-100	100	02/07/2025



Quality Control Results

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Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

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Batch R360063		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.524	0.5000	0	104.8	90	110	02/07/2025	

Batch R360063		SampType: MS		Units mg/L						
SampID: 25020260-002CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		6.30	2.500	3.741	102.2	90	110	02/07/2025

Batch R360063		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020260-002CMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			0.500		6.19	2.500	3.741	98.0	6.295	1.65	02/07/2025

Batch R360063		SampType: MS		Units mg/L						
SampID: 25020275-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		44.8	25.00	19.96	99.5	90	110	02/07/2025

Batch R360063		SampType: MSD		Units mg/L				RPD Limit 10		
SampID: 25020275-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		44.1	25.00	19.96	96.7	44.83	1.57	02/07/2025

Batch R360063		SampType: MS		Units mg/L							
SampID: 25020308-004AMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	21.9	5.000	16.81	102.4	90	110	02/07/2025	

Batch R360063		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020308-004AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			1.00	E	21.8	5.000	16.81	100.0	21.93	0.55	02/07/2025

Batch R360063		SampType: MS		Units mg/L							
SampID: 25020324-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.500		4.78	2.500	2.294	99.6	90	110	02/07/2025	



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Client Project: COF-25Q1

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Batch	R360063	SampType:	MSD	Units	mg/L	RPD Limit	10					Date Analyzed
SampID:	25020324-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrate-Nitrite (as N)		0.500		4.84	2.500	2.294	102.0	4.785	1.23			02/07/2025

Batch	R360063	SampType:	MS	Units	mg/L							Date Analyzed
SampID:	25020509-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.264	0.2500	0.01000	101.6	90	110			02/07/2025

Batch	R360063	SampType:	MSD	Units	mg/L	RPD Limit	10					Date Analyzed
SampID:	25020509-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.258	0.2500	0.01000	99.2	0.2640	2.30			02/07/2025

Batch	R360113	SampType:	MBLK	Units	mg/L							Date Analyzed
SampID:	ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate (as N)		0.050		< 0.050								02/10/2025
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100			02/10/2025

Batch	R360113	SampType:	MBLK	Units	mg/L							Date Analyzed
SampID:	MBLK-234528											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate (as N)	*	0.050		< 0.050								02/10/2025
Nitrogen, Nitrate-Nitrite (as N)	*	0.050		< 0.050	0.0090	0	0	-100	100			02/10/2025

Batch	R360113	SampType:	LCS	Units	mg/L							Date Analyzed
SampID:	ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.540	0.5000	0	108.0	90	110			02/10/2025

Batch	R360113	SampType:	MS	Units								Date Analyzed
SampID:	25020206-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate (as N)	*		H	<								02/10/2025
Nitrogen, Nitrate-Nitrite (as N)	*	0.050	H	0.917	0.2500	0.6570	104.0	90	110			02/10/2025



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Client Project: COF-25Q1

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Batch	R360113	SampType:	MSD	Units						RPD Limit	10	
SampID: 25020206-005AMSD												Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrate (as N)	*		H	<								02/10/2025
Nitrogen, Nitrate-Nitrite (as N)	*	0.050	H	0.884	0.2500	0.6570	90.8	0.9170	3.66			02/10/2025

Batch	R360113	SampType:	MS	Units	mg/L							
SampID: 25020720-002AMS												Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate-Nitrite (as N)		1.00		18.0	5.000	13.08	99.3	90	110			02/10/2025

Batch	R360113	SampType:	MSD	Units	mg/L							
SampID: 25020720-002AMSD												Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrate-Nitrite (as N)		1.00		18.1	5.000	13.08	101.4	18.04	0.56			02/10/2025

Batch	R360189	SampType:	MBLK	Units	mg/L							
SampID: ICB/MBLK												Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate (as N)		0.050		< 0.050								02/11/2025
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100			02/11/2025

Batch	R360189	SampType:	LCS	Units	mg/L							
SampID: ICV/LCS												Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.539	0.5000	0	107.8	90	110			02/11/2025

Batch	R360189	SampType:	MS	Units	mg/L							
SampID: 25020704-002AMS												Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate-Nitrite (as N)		0.500		4.98	2.500	2.284	107.8	90	110			02/11/2025

Batch	R360189	SampType:	MSD	Units	mg/L							
SampID: 25020704-002AMSD												Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrate-Nitrite (as N)		0.500		4.87	2.500	2.284	103.5	4.979	2.19			02/11/2025



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Batch	R360189	SampType:	MS	Units	mg/L							
SampID:	25020823-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		2.50		24.6	12.50	11.44	105.2	90	110	02/11/2025		

Batch	R360189	SampType:	MSD	Units	mg/L							
SampID:	25020823-001BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		2.50		24.6	12.50	11.44	105.3	24.60	0.02	02/11/2025		

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Batch	234432	SampType:	MBLK	Units	mg/L							
SampID:	MBLK 250206 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Cyanide		0.005		< 0.005	0.0015	0	0	-100	100	02/07/2025		

Batch	234432	SampType:	LCS	Units	mg/L							
SampID:	LCS 250206 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	102.8	90	110	02/07/2025		

Batch	234432	SampType:	MS	Units	mg/L							
SampID:	25020200-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Cyanide		0.005		0.027	0.0250	0.002015	99.2	90	110	02/07/2025		

Batch	234432	SampType:	MSD	Units	mg/L							
SampID:	25020200-002BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Cyanide		0.005		0.025	0.0250	0.002015	93.6	0.02682	5.38	02/07/2025		

Batch	234433	SampType:	MBLK	Units	mg/L							
SampID:	MBLK 250206 TCN2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Cyanide		0.005		< 0.005	0.0015	0	0	-100	100	02/07/2025		



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Batch 234433		SampType: LCS		Units mg/L							
SampID: LCS 250206 TCN2											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Cyanide		0.005		0.024	0.0250	0	95.4	90	110	02/07/2025	

Batch 234433		SampType: MS		Units mg/L							
SampID: 25011232-035EMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Cyanide		0.005		0.027	0.0250	0	106.1	75	125	02/07/2025	

Batch 234433		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25011232-035EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	100.2	0.02652	5.70	02/07/2025	

Batch 234433		SampType: MS		Units mg/L							
SampID: 25011232-038EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.026	0.0250	0	105.4	75	125	02/07/2025	

Batch 234433		SampType: MSD		Units mg/L				RPD Limit 15				
SampID: 25011232-038EMSD												Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide			0.005		0.026	0.0250	0	102.4	0.02634	2.85	02/07/2025	

Batch 234488		SampType: MBLK		Units mg/L							
SampID: MBLK 250207 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		< 0.005	0.0015	0	0	-100	100	02/10/2025	

Batch 234488		SampType: LCS		Units mg/L							
SampID: LCS 250207 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.027	0.0250	0	109.1	90	110	02/10/2025	

Batch 234488		SampType: MS		Units mg/L							
SampID: 25011232-046EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.027	0.0250	0	108.9	75	125	02/10/2025	



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Batch 234488		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25011232-046EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005		0.029	0.0250	0	114.8	0.02722	5.26	02/10/2025

Batch 234489		SampType: MBLK		Units mg/L							
SampID: MBLK 250207 TCN2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		< 0.005	0.0015	0	0	-100	100	02/10/2025	

Batch 234489		SampType: LCS		Units mg/L							
SampID: LCS 250207 TCN2											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005	S	0.028	0.0250	0	111.7	90	110	02/10/2025	

Batch 234489		SampType: MS		Units mg/L							
SampID: 25011232-028EMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005		0.022	0.0250	0	87.3	75	125	02/10/2025	

Batch 234489		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25011232-028EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005	R	0.027	0.0250	0	109.5	0.02182	22.62	02/10/2025	

Batch 234569		SampType: MBLK		Units mg/L							
SampID: MBLK 250210 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		< 0.005	0.0015	0	0	-100	100	02/11/2025	

Batch 234569		SampType: LCS		Units mg/L							
SampID: LCS 250210 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005	S	0.028	0.0250	0	112.9	90	110	02/11/2025	

Batch 234569		SampType: MS		Units mg/L							
SampID: 25020059-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.026	0.0250	0.001850	96.6	90	110	02/11/2025	



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Batch 234569		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020059-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005		0.026	0.0250	0.001850	97.6	0.02600	0.96	02/11/2025	

Batch 234569		SampType: MS		Units mg/L							
SampID: 25020478-001CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.025	S	0.157	0.1250	0.01920	110.2	90	110	02/11/2025	

Batch 234569		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed	
SampID: 25020478-001CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide			0.025		0.153	0.1250	0.01920	107.2	0.1569	2.39	02/11/2025	

Batch 234569		SampType: MS		Units mg/L							
SampID: 25020558-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005	S	0.029	0.0250	0.001670	110.7	90	110	02/11/2025	

Batch 234569		SampType: MSD		Units mg/L				RPD Limit 15				Date Analyzed
SampID: 25020558-001EMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide			0.005		0.028	0.0250	0.001670	103.5	0.02935	6.36	02/11/2025	

Batch 234569		SampType: MS		Units mg/L							
SampID: 25020721-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.025		0.152	0.1250	0.01515	109.4	90	110	02/11/2025	

Batch 234569		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020721-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.025	S	0.156	0.1250	0.01515	112.7	0.1519	2.71	02/11/2025	

Batch 234569		SampType: MS		Units mg/L							
SampID: 25020727-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005	S	0.028	0.0250	0	110.2	90	110	02/11/2025	



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Client Project: COF-25Q1

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Batch 234569		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020727-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005	S	0.028	0.0250	0	111.8	0.02756	1.44	02/11/2025	

Batch 234707		SampType: MBLK		Units mg/L							
SampID: MBLK 250212 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005	J	0.003	0.0034	0	100.0	-100	100	02/13/2025	
Cyanide		0.005	JS	0.003	0.0015	0	233.3	-100	100	02/13/2025	

Batch 234707		SampType: LCS		Units mg/L							
SampID: LCS 250212 TCN1											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005	B	0.027	0.0250	0	107.9	90	110	02/13/2025	
Cyanide		0.005		0.027	0.0250	0	106.6	90	110	02/14/2025	
Cyanide		0.005	B	0.027	0.0250	0	107.4	90	110	02/13/2025	

Batch 234707		SampType: MS		Units mg/L							
SampID: 25020419-002AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005	S	0.033	0.0250	0.01251	80.9	90	110	02/14/2025	

Batch 234707		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020419-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005	S	0.033	0.0250	0.01251	82.7	0.03274	1.37	02/14/2025

Batch 234707		SampType: MS		Units mg/L							
SampID: 25020486-001BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005	B	0.030	0.0250	0.003635	104.3	90	110	02/13/2025	

Batch 234707		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020486-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005	B	0.031	0.0250	0.003635	108.8	0.02972	3.67	02/13/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 9012A (TOTAL)

Batch 234759		SampType: MBLK		Units mg/L							
SampID: MBLK 250213 TCN2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005	JS	0.003	0.0015	0	196.3	-100	100	02/14/2025	

Batch 234759		SampType: LCS		Units mg/L							
SampID: LCS 250213 TCN2											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Cyanide		0.005	BS	0.029	0.0250	0	116.8	90	110	02/14/2025	

Batch 234759		SampType: MS		Units mg/L							
SampID: 25020584-001DMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Cyanide		0.005	B	0.031	0.0250	0.003135	110.7	75	125	02/14/2025	

Batch 234759		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020584-001DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005	B	0.030	0.0250	0.003135	106.1	0.03082	3.87	02/14/2025

Batch 234837		SampType: MBLK		Units mg/L							
SampID: MBLK 250214 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005	JS	0.003	0.0015	0	218.0	-100	100	02/15/2025	

Batch 234837		SampType: LCS		Units mg/L							
SampID: LCS 250214 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005	BS	0.029	0.0250	0	114.4	90	110	02/15/2025	

Batch 234837		SampType: MS		Units mg/L							
SampID: 25011232-074DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005	B	0.027	0.0250	0.003000	94.1	75	125	02/15/2025	

Batch 234837		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25011232-074DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005	B	0.029	0.0250	0.003000	104.4	0.02652	9.28	02/15/2025	



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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 9012A (TOTAL)

Batch 234837		SampType: MS		Units mg/L							Date
SampID: 25020757-001DMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005	B	0.030	0.0250	0.003300	107.6	75	125	02/15/2025	

Batch 234837		SampType: MSD		Units mg/L							RPD Limit 15	Date
SampID: 25020757-001DMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Cyanide		0.005	B	0.030	0.0250	0.003300	104.9	0.03019	2.21	02/15/2025		

Batch 234864		SampType: MBLK		Units mg/L							Date
SampID: MBLK 250216 TCN1											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005	JS	0.004	0.0015	0	268.4	-100	100	02/17/2025	

Batch 234864		SampType: LCS		Units mg/L							Date
SampID: LCS 250216 TCN1											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005	BS	0.029	0.0250	0	117.2	90	110	02/17/2025	

Batch 234970		SampType: MBLK		Units mg/L							Date
SampID: MBLK 250218 TCN1											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005		< 0.005	0.0015	0	0	-100	100	02/19/2025	

Batch 234970		SampType: LCS		Units mg/L							Date
SampID: LCS2 250218 TCN1											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005		0.025	0.0250	0	100.6	90	110	02/20/2025	

Batch 234970		SampType: MS		Units mg/L							Date
SampID: 25020430-002AMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005	H	0.026	0.0250	0.002000	96.4	90	110	02/19/2025	

Batch 234970		SampType: MSD		Units mg/L							RPD Limit 15	Date
SampID: 25020430-002AMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Cyanide		0.005	H	0.027	0.0250	0.002000	101.4	0.02610	4.68	02/19/2025		



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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 9012A (TOTAL)

Batch 234970		SampType: MS		Units mg/L							
SampID: 25021212-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005	S	0.031	0.0250	0	124.8	90	110	02/19/2025	

Batch 234970		SampType: MSD		Units mg/L				RPD Limit 15				
SampID: 25021212-002AMSD												Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide			0.005	R	0.027	0.0250	0	106.2	0.03120	16.12	02/19/2025	

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Batch R359867		SampType: MS		Units mg/L						
SampID: 25011232-008BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.3	10.00	0.3940	99.1	80	120	02/05/2025
Chloride		5.00		253	200.0	52.46	100.4	80	120	02/05/2025
Sulfate		10.0		292	200.0	104.1	93.7	80	120	02/05/2025

Batch R359867		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25011232-008BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.4	10.00	0.3940	99.7	10.30	0.53	02/05/2025
Chloride			5.00		255	200.0	52.46	101.5	253.3	0.86	02/05/2025
Sulfate			10.0		293	200.0	104.1	94.4	291.6	0.44	02/05/2025

Batch R359867		SampType: MS		Units mg/L						
SampID: 25011232-020BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.3	10.00	0.2900	99.8	80	120	02/05/2025
Chloride		5.00		282	200.0	74.87	103.5	80	120	02/05/2025
Sulfate		10.0		264	200.0	76.01	94.1	80	120	02/05/2025

Batch R359867		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25011232-020BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.3	10.00	0.2900	100.1	10.27	0.30	02/05/2025
Chloride		5.00		281	200.0	74.87	103.2	281.9	0.21	02/05/2025
Sulfate		10.0		264	200.0	76.01	94.1	264.3	0.04	02/05/2025



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Client Project: COF-25Q1

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SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359867		SampType: MS		Units mg/L						
SampID: 25011232-021BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.3	10.00	0.4380	98.9	80	120	02/05/2025
Chloride		5.00		230	200.0	31.29	99.5	80	120	02/05/2025
Sulfate		10.0		281	200.0	93.15	94.0	80	120	02/05/2025

Batch R359867		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25011232-021BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		10.4	10.00	0.4380	99.7	10.33	0.69		
Chloride		5.00		232	200.0	31.29	100.2	230.3	0.59		
Sulfate		10.0		282	200.0	93.15	94.7	281.2	0.46		

Batch R359889		SampType: MS		Units mg/L						
SampID: 25011232-034BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.1	10.00	0.2290	99.1	80	120	02/07/2025
Chloride		5.00		230	200.0	38.06	96.0	80	120	02/07/2025
Sulfate		10.0		248	200.0	66.84	90.4	80	120	02/07/2025

Batch R359889		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25011232-034BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.1	10.00	0.2290	99.1	10.14	0.02	02/07/2025
Chloride		5.00		230	200.0	38.06	96.0	230.1	0.03	02/07/2025
Sulfate		10.0		247	200.0	66.84	90.3	247.6	0.07	02/07/2025

Batch R360088		SampType: MS		Units mg/L						
SampID: 25011232-017BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.49	10.00	0	94.9	80	120	02/10/2025
Chloride		5.00		327	200.0	115.2	106.1	80	120	02/10/2025
Sulfate		10.0		296	200.0	101.8	97.1	80	120	02/10/2025



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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R360088		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25011232-017BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		9.56	10.00	0	95.6	9.493	0.75	02/10/2025
Chloride		5.00		330	200.0	115.2	107.2	327.5	0.66	02/10/2025
Sulfate		10.0		296	200.0	101.8	97.3	296.1	0.07	02/10/2025

Batch R360088		SampType: MS		Units mg/L						
SampID: 25011232-053BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.58	10.00	0.2020	93.8	80	120	02/10/2025
Chloride		5.00		266	200.0	61.14	102.4	80	120	02/10/2025
Sulfate		10.0		277	200.0	86.71	95.2	80	120	02/10/2025

Batch R360088		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25011232-053BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		9.67	10.00	0.2020	94.6	9.577	0.94	02/10/2025
Chloride			5.00		265	200.0	61.14	102.1	266.0	0.29	02/10/2025
Sulfate			10.0		276	200.0	86.71	94.6	277.0	0.41	02/10/2025

Batch R360304		SampType: MS		Units mg/L						
SampID: 25020757-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.76	10.00	0.1430	96.2	80	120	02/13/2025
Chloride		5.00		223	200.0	17.10	102.9	80	120	02/13/2025
Sulfate		10.0		240	200.0	45.62	97.0	80	120	02/13/2025

Batch R360304		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25020757-001BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		9.78	10.00	0.1430	96.3	9.759	0.16	02/13/2025
Chloride		5.00		222	200.0	17.10	102.6	222.9	0.29	02/13/2025
Sulfate		10.0		239	200.0	45.62	96.6	239.6	0.33	02/13/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R360304		SampType: MS		Units mg/L						
SampID: 25020872-002BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.8	10.00	0.9260	98.5	80	120	02/13/2025
Chloride		5.00		287	200.0	76.58	105.2	80	120	02/13/2025
Sulfate		10.0		350	200.0	151.8	98.9	80	120	02/13/2025

Batch R360304		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25020872-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		10.9	10.00	0.9260	99.2	10.78	0.69	
Chloride			5.00		289	200.0	76.58	106.1	286.9	0.64	
Sulfate			10.0		352	200.0	151.8	100.0	349.7	0.59	

Batch R361239		SampType: MBLK		Units mg/L						
SampID: MB-R361239										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		ND						03/05/2025
Chloride		0.50		ND						03/05/2025
Sulfate		1.00		ND						03/05/2025

Batch R361239		SampType: LCS		Units mg/L						
SampID: LCS-R361239										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.07	1.000	0	106.6	90	110	03/05/2025
Chloride		0.50		20.2	20.00	0	101.1	90	110	03/05/2025
Sulfate		1.00		18.9	20.00	0	94.5	90	110	03/05/2025

Batch R361239		SampType: MS		Units mg/L						
SampID: 25020519-014BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.0	10.00	0.3030	107.3	80	120	03/05/2025
Chloride		5.00		258	200.0	43.39	107.1	80	120	03/05/2025
Sulfate		10.0		256	200.0	58.09	99.2	80	120	03/05/2025



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SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361239		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25020519-014BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		11.0	10.00	0.3030	107.1	11.04	0.16	03/05/2025
Chloride		5.00		257	200.0	43.39	107.0	257.6	0.10	03/05/2025
Sulfate		10.0		256	200.0	58.09	99.0	256.4	0.11	03/05/2025

Batch R361239		SampType: MS		Units mg/L							Date Analyzed
SampID: 25022021-003GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		100		4720	2000	2640	104.1	80	120	03/05/2025	

Batch R361239		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25022021-003GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			100		4740	2000	2640	105.2	4722	0.47	03/05/2025

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359867		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	02/05/2025
Chloride		0.50		ND	0.1000	0	0	0	100	02/05/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	02/05/2025

Batch R359867		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	02/05/2025
Chloride		0.50		19.5	20.00	0	97.7	90	110	02/05/2025
Sulfate		1.00		18.3	20.00	0	91.7	90	110	02/05/2025

Batch R359867		SampType: MS		Units mg/L						
SampID: 25020211-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.72	10.00	0	97.2	80	120	02/05/2025
Chloride		5.00		197	200.0	3.357	96.6	80	120	02/05/2025
Sulfate		10.0		182	200.0	2.563	89.7	80	120	02/05/2025



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Client: Ramboll

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Client Project: COF-25Q1

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SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359867		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25020211-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		9.74	10.00	0	97.4	9.723	0.23		
Chloride		5.00		196	200.0	3.357	96.3	196.6	0.36		
Sulfate		10.0		181	200.0	2.563	89.4	182.0	0.36		

Batch R359867		SampType: MS		Units mg/L						
SampID: 25020221-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.78	10.00	0.1710	96.0	80	120	02/05/2025
Chloride		5.00		458	200.0	241.8	107.9	80	120	02/05/2025
Sulfate		10.0		2160	200.0	1955	101.6	80	120	02/05/2025

Batch R359867		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25020221-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		9.89	10.00	0.1710	97.2	9.776	1.20	02/05/2025
Chloride			5.00		461	200.0	241.8	109.5	457.7	0.68	02/05/2025
Sulfate			10.0		2160	200.0	1955	104.4	2158	0.27	02/05/2025

Batch R359867		SampType: MS		Units mg/L						
SampID: 25020283-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		5.00		130	100.0	30.16	100.3	80	120	02/05/2025
Chloride		50.0		12800	2000	10900	97.0	80	120	02/05/2025
Sulfate		100		6670	2000	4560	105.4	80	120	02/05/2025

Batch R359867		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25020283-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		5.00		133	100.0	30.16	102.5	130.5	1.63	02/05/2025
Chloride		50.0		13300	2000	10900	118.1	12840	3.23	02/05/2025
Sulfate		100		6890	2000	4560	116.3	6669	3.21	02/05/2025



Quality Control Results

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Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359867		SampType: DUP		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 24121807-018ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50	J	0.35				0.3550	0.00		
Chloride		5.00		238				234.4	1.62		
Sulfate		10.0		ND				0	0.00		

Batch R359889		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK/ICB											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		ND	0.0040	0	0	0	100		
Chloride		0.50		ND	0.1000	0	0	0	100		
Sulfate		1.00		ND	0.0990	0	0	0	100		

Batch R359889		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	103.7	90	110	02/06/2025
Chloride		0.50		19.6	20.00	0	97.9	90	110	02/06/2025
Sulfate		1.00		18.5	20.00	0	92.5	90	110	02/06/2025

Batch R359889		SampType: MS		Units mg/L						
SampID: 25011232-006AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.99	10.00	0	99.9	80	120	02/06/2025
Chloride		5.00		250	200.0	55.30	97.2	80	120	02/06/2025
Sulfate		10.0		258	200.0	77.26	90.4	80	120	02/06/2025

Batch R359889		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25011232-006AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.1	10.00	0	100.5	9.992	0.60	02/06/2025
Chloride		5.00		251	200.0	55.30	97.7	249.7	0.38	02/06/2025
Sulfate		10.0		259	200.0	77.26	91.1	258.2	0.47	02/06/2025



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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359889		SampType: MS		Units mg/L						
SampID: 25011232-008AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.3	10.00	0.4080	98.5	80	120	02/06/2025
Chloride		5.00		246	200.0	51.37	97.3	80	120	02/06/2025
Sulfate		10.0		287	200.0	103.1	91.9	80	120	02/06/2025

Batch R359889		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25011232-008AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.3	10.00	0.4080	98.5	10.26	0.02	02/06/2025
Chloride			5.00		247	200.0	51.37	97.6	246.0	0.23	02/06/2025
Sulfate			10.0		287	200.0	103.1	92.1	286.9	0.12	02/06/2025

Batch R359889		SampType: MS		Units mg/L						
SampID: 25011232-012AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.1	10.00	0.2520	98.5	80	120	02/07/2025
Chloride		5.00		244	200.0	51.24	96.4	80	120	02/07/2025
Sulfate		10.0		268	200.0	86.64	90.5	80	120	02/07/2025

Batch R359889		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25011232-012AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.1	10.00	0.2520	98.5	10.10	0.04	02/07/2025
Chloride			5.00		245	200.0	51.24	96.9	244.0	0.44	02/07/2025
Sulfate			10.0		268	200.0	86.64	90.9	267.5	0.31	02/07/2025

Batch R359889		SampType: MS		Units mg/L						
SampID: 25011232-037AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.2	10.00	0.2670	99.5	80	120	02/06/2025
Chloride		5.00		276	200.0	77.18	99.2	80	120	02/06/2025
Sulfate		10.0		390	200.0	199.6	95.2	80	120	02/06/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

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SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359889		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25011232-037AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.2	10.00	0.2670	98.8	10.22	0.64	02/06/2025
Chloride		5.00		275	200.0	77.18	99.1	275.7	0.09	02/06/2025
Sulfate		10.0		389	200.0	199.6	94.8	389.9	0.20	02/06/2025

Batch R359889		SampType: MS		Units mg/L						
SampID: 25011232-086AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.2	10.00	0.2990	98.7	80	120	02/06/2025
Chloride		5.00		245	200.0	50.93	96.9	80	120	02/06/2025
Sulfate		10.0		248	200.0	68.14	89.9	80	120	02/06/2025

Batch R359889		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25011232-086AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.2	10.00	0.2990	99.2	10.17	0.48	02/06/2025
Chloride			5.00		246	200.0	50.93	97.5	244.7	0.51	02/06/2025
Sulfate			10.0		249	200.0	68.14	90.5	247.9	0.53	02/06/2025

Batch R359889		SampType: MS		Units mg/L						
SampID: 25011232-091AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.4	10.00	0.4600	99.7	80	120	02/06/2025
Chloride		5.00		226	200.0	34.40	96.0	80	120	02/06/2025
Sulfate		10.0		250	200.0	68.72	90.7	80	120	02/06/2025

Batch R359889		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25011232-091AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.4	10.00	0.4600	99.4	10.43	0.26	02/06/2025
Chloride		5.00		226	200.0	34.40	95.8	226.5	0.18	02/06/2025
Sulfate		10.0		250	200.0	68.72	90.6	250.1	0.10	02/06/2025

Batch R359889		SampType: MS		Units mg/L							
SampID: 25012094-002AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		50.0		3260	2000	1276	99.2	80	120	02/06/2025	



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Client Project: COF-25Q1

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SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359889		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25012094-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			50.0		3290	2000	1276	100.9	3260	1.04	02/06/2025

Batch R359889		SampType: MS		Units mg/L						
SampID: 25020439-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		12.5	10.00	2.478	100.4	80	120	02/07/2025
Chloride		5.00		310	200.0	105.9	102.1	80	120	02/07/2025
Sulfate		10.0		238	200.0	56.47	90.7	80	120	02/07/2025

Batch R359889		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020439-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		12.5	10.00	2.478	99.9	12.52	0.37	02/07/2025
Chloride			5.00		309	200.0	105.9	101.7	310.2	0.25	02/07/2025
Sulfate			10.0		238	200.0	56.47	90.6	237.8	0.07	02/07/2025

Batch R360088		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK/ICB											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		ND	0.0040	0	0	0	100		
Chloride		0.50		ND	0.1000	0	0	0	100		
Sulfate		1.00		ND	0.0990	0	0	0	100		

Batch R360088		SampType: MBLK		Units mg/L							
SampID: MBLK-234528											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride	*	0.05		ND						02/11/2025	
Chloride	*	0.50		ND						02/11/2025	
Sulfate	*	1.00	J	0.20						02/11/2025	

Batch R360088		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		0.94	1.000	0	93.5	90	110	02/10/2025
Chloride		0.50		19.7	20.00	0	98.4	90	110	02/10/2025
Sulfate		1.00		18.7	20.00	0	93.4	90	110	02/10/2025



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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

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Batch R360088		SampType: MS		Units mg/L						
SampID: 25011232-041AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.55	10.00	0	95.5	80	120	02/10/2025
Chloride		5.00		351	200.0	140.2	105.2	80	120	02/10/2025
Sulfate		10.0		734	200.0	534.8	99.4	80	120	02/10/2025

Batch R360088		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25011232-041AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		9.64	10.00	0	96.4	9.547	0.95	02/10/2025
Chloride			5.00		352	200.0	140.2	106.1	350.6	0.51	02/10/2025
Sulfate			10.0		734	200.0	534.8	99.7	733.7	0.06	02/10/2025

Batch R360088		SampType: MS		Units mg/L						
SampID: 25011232-069AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.02	10.00	0	90.2	80	120	02/11/2025
Chloride		5.00		229	200.0	29.08	100.1	80	120	02/11/2025
Sulfate		10.0		2390	200.0	2194	96.0	80	120	02/11/2025

Batch R360088		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed	
SampID: 25011232-069AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Fluoride		0.50		9.11	10.00	0	91.1	9.016	0.99			
Chloride		5.00		232	200.0	29.08	101.3	229.3	0.99			
Sulfate		10.0		2380	200.0	2194	94.1	2386	0.15			

Batch R360088		SampType: MS		Units mg/L						
SampID: 25011232-105AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.54	10.00	0	95.4	80	120	02/11/2025
Chloride		5.00		329	200.0	116.8	106.1	80	120	02/11/2025
Sulfate		10.0		220	200.0	33.77	93.2	80	120	02/11/2025



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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

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Batch R360088		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 25011232-105AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		9.60	10.00	0	96.0	9.541	0.61		
Chloride		5.00		328	200.0	116.8	105.8	329.0	0.20		
Sulfate		10.0		222	200.0	33.77	94.0	220.1	0.79		

Batch R360088		SampType: MS		Units mg/L						
SampID: 25020510-002BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.06		1.07	1.100	0.1109	86.9	80	120	02/11/2025
Chloride		0.55		37.2	22.00	15.72	97.7	80	120	02/11/2025
Sulfate		1.10		87.6	22.00	66.53	95.7	80	120	02/11/2025

Batch R360088		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 25020510-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.06		1.07	1.100	0.1109	87.5	1.067	0.64	
Chloride			0.55		37.4	22.00	15.72	98.4	37.21	0.45	
Sulfate			1.10		87.6	22.00	66.53	96.0	87.60	0.05	

Batch R360088		SampType: MS		Units mg/L							
SampID: 25020609-003AMS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Fluoride			0.06		4.85	1.100	3.842	91.3	80	120	02/11/2025
Sulfate			1.10		21.2	22.00	2.442	85.1	80	120	02/11/2025

Batch R360088		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 25020609-003AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.06		4.83	1.100	3.842	89.9	4.846	0.31	
Sulfate			1.10		21.2	22.00	2.442	85.2	21.17	0.14	

Batch R360088		SampType: MS		Units mg/L							
SampID: 25020727-001AMS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Fluoride			0.10		1.91	2.000	0.1236	89.3	80	120	02/11/2025
Chloride			1.00		47.6	40.00	7.527	100.1	80	120	02/11/2025
Sulfate			2.00		365	40.00	328.2	91.4	80	120	02/11/2025



Quality Control Results

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Client: Ramboll

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Client Project: COF-25Q1

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SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R360088		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25020727-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.10		1.91	2.000	0.1236	89.2	1.910	0.05		
Chloride		1.00		47.8	40.00	7.527	100.8	47.55	0.62		
Sulfate		2.00		365	40.00	328.2	91.6	364.8	0.01		

Batch R360088		SampType: MS		Units mg/L						
SampID: 25020731-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.05	10.00	0.06700	89.8	80	120	02/11/2025
Chloride		5.00		201	200.0	7.797	96.5	80	120	02/11/2025
Sulfate		10.0		487	200.0	295.5	95.8	80	120	02/11/2025

Batch R360088		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 25020731-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		9.14	10.00	0.06700	90.7	9.049	0.98		
Chloride		5.00		202	200.0	7.797	97.3	200.8	0.76		
Sulfate		10.0		496	200.0	295.5	100.2	487.2	1.76		

Batch R360177		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	02/12/2025	
Chloride		0.50		ND	0.1000	0	0	0	100	02/12/2025	
Sulfate		1.00		ND	0.0990	0	0	0	100	02/12/2025	

Batch R360177		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		0.92	1.000	0	91.6	90	110	02/12/2025
Chloride		0.50		19.6	20.00	0	98.0	90	110	02/12/2025
Sulfate		1.00		18.7	20.00	0	93.6	90	110	02/12/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

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Batch R360177		SampType: MS		Units mg/L						
SampID: 25011232-062AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.14	10.00	0	91.4	80	120	02/12/2025
Chloride		5.00		194	200.0	1.865	96.2	80	120	02/12/2025
Sulfate		10.0		310	200.0	116.1	96.7	80	120	02/12/2025

Batch R360177		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25011232-062AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		9.17	10.00	0	91.7	9.136	0.40	
Chloride			5.00		195	200.0	1.865	96.6	194.3	0.38	
Sulfate			10.0		309	200.0	116.1	96.2	309.6	0.33	

Batch R360177		SampType: MS		Units mg/L						
SampID: 25011232-100AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.40	10.00	0.2320	91.7	80	120	02/12/2025
Chloride		5.00		312	200.0	102.7	104.5	80	120	02/12/2025
Sulfate		10.0		434	200.0	234.9	99.7	80	120	02/12/2025

Batch R360177		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25011232-100AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		9.46	10.00	0.2320	92.3	9.402	0.66	02/12/2025
Chloride			5.00		311	200.0	102.7	103.9	311.7	0.38	02/12/2025
Sulfate			10.0		432	200.0	234.9	98.6	434.3	0.52	02/12/2025

Batch R360177		SampType: MS		Units mg/L						
SampID: 25020296-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		1.00		20.6	20.00	2.122	92.2	80	120	02/12/2025
Chloride		10.0		513	400.0	103.4	102.4	80	120	02/12/2025
Sulfate		20.0		673	400.0	274.4	99.6	80	120	02/12/2025



Quality Control Results

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Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R360177		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25020296-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		1.00		20.6	20.00	2.122	92.3	20.55	0.12	02/12/2025
Chloride		10.0		512	400.0	103.4	102.2	512.9	0.12	02/12/2025
Sulfate		20.0		671	400.0	274.4	99.2	672.8	0.23	02/12/2025

Batch R360304		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	02/13/2025
Chloride		0.50		ND	0.1000	0	0	0	100	02/13/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	02/13/2025

Batch R360304		SampType: LCS		Units mg/L							
SampID: LCS/ICV/QCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		0.97	1.000	0	97.5	90	110	02/13/2025	
Chloride		0.50		19.9	20.00	0	99.4	90	110	02/13/2025	
Sulfate		1.00		18.6	20.00	0	92.9	90	110	02/13/2025	

Batch R360304		SampType: MS		Units mg/L						
SampID: 25020667-006AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.51	10.00	0.3020	92.1	80	120	02/13/2025
Chloride		5.00		369	200.0	149.3	110.0	80	120	02/13/2025
Sulfate		10.0		283	200.0	91.08	96.1	80	120	02/13/2025

Batch R360304		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed	
SampID: 25020667-006AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride			0.50		9.69	10.00	0.3020	93.9	9.514	1.85	02/13/2025	
Chloride			5.00		372	200.0	149.3	111.4	369.2	0.77	02/13/2025	
Sulfate			10.0		286	200.0	91.08	97.3	283.2	0.84	02/13/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R360304		SampType: MS		Units mg/L							
SampID: 25020740-001AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		5.00		574	100.0	470.2	103.9	80	120	02/13/2025	
Chloride		50.0		2140	2000	103.6	101.8	80	120	02/13/2025	
Sulfate		100		2200	2000	191.7	100.2	80	120	02/13/2025	

Batch R360304		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25020740-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			5.00		569	100.0	470.2	98.8	574.2	0.90	02/13/2025
Chloride			50.0		2140	2000	103.6	101.9	2139	0.13	02/13/2025
Sulfate			100		2200	2000	191.7	100.6	2195	0.37	02/13/2025

Batch R360304		SampType: MS		Units mg/L						
SampID: 25020795-003AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.6	10.00	1.167	94.2	80	120	02/13/2025
Chloride		5.00		792	200.0	579.7	106.2	80	120	02/13/2025
Sulfate		10.0		2060	200.0	1878	93.0	80	120	02/13/2025

Batch R360304		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020795-003AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.8	10.00	1.167	96.2	10.59	1.83	02/13/2025
Chloride			5.00		794	200.0	579.7	106.9	792.0	0.19	02/13/2025
Sulfate			10.0		2060	200.0	1878	92.5	2064	0.04	02/13/2025

Batch R360304		SampType: MS		Units mg/L						
SampID: 25020804-003AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.3	10.00	0.4540	98.5	80	120	02/13/2025
Chloride		5.00		309	200.0	96.81	106.3	80	120	02/13/2025
Sulfate		10.0		1320	200.0	1124	99.8	80	120	02/13/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R360304		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25020804-003AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.4	10.00	0.4540	99.4	10.31	0.83	02/13/2025
Chloride		5.00		312	200.0	96.81	107.7	309.5	0.88	02/13/2025
Sulfate		10.0		1330	200.0	1124	103.4	1323	0.55	02/13/2025

Batch R360304		SampType: MS		Units mg/L						
SampID: 25020861-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		5.00		99.3	100.0	0	99.3	80	120	02/13/2025
Chloride		50.0		3870	2000	1757	105.7	80	120	02/13/2025
Sulfate		100		5150	2000	3230	96.0	80	120	02/13/2025

Batch R360304		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25020861-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		5.00		98.8	100.0	0	98.8	99.33	0.50	02/13/2025
Chloride		50.0		3940	2000	1757	109.3	3872	1.83	02/13/2025
Sulfate		100		5300	2000	3230	103.6	5150	2.89	02/13/2025

Batch R361019		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK/ICB											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		ND	0.0040	0	0	0	100	03/01/2025	
Chloride		0.50		ND	0.1000	0	0	0	100	03/01/2025	
Sulfate		1.00		ND	0.0990	0	0	0	100	03/01/2025	

Batch R361019		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		0.99	1.000	0	99.4	90	110	03/01/2025
Chloride		0.50		19.9	20.00	0	99.6	90	110	03/01/2025
Sulfate		1.00		18.8	20.00	0	94.1	90	110	03/01/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361019		SampType: MS		Units mg/L						
SampID: 25022037-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.5	10.00	0.2350	102.4	80	120	03/01/2025
Chloride		5.00		220	200.0	18.17	100.9	80	120	03/01/2025
Sulfate		10.0		446	200.0	238.9	103.5	80	120	03/01/2025

Batch R361019		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25022037-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.5	10.00	0.2350	102.5	10.48	0.07	03/01/2025
Chloride			5.00		220	200.0	18.17	100.8	219.9	0.05	03/01/2025
Sulfate			10.0		446	200.0	238.9	103.4	445.9	0.03	03/01/2025

Batch R361239		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	03/05/2025
Chloride		0.50		ND	0.1000	0	0	0	100	03/05/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	03/05/2025

Batch R361239		SampType: LCS		Units mg/L							
SampID: LCS/ICV/QCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		1.07	1.000	0	106.6	90	110	03/05/2025	
Chloride		0.50		20.2	20.00	0	101.1	90	110	03/05/2025	
Sulfate		1.00		18.9	20.00	0	94.5	90	110	03/05/2025	

Batch R361239		SampType: MS		Units mg/L						
SampID: 25022057-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.6	10.00	0.4010	112.0	80	120	03/05/2025
Chloride		5.00		1470	200.0	1308	82.2	80	120	03/05/2025
Sulfate		10.0		195	200.0	1.458	97.0	80	120	03/05/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361239		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25022057-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		11.5	10.00	0.4010	111.1	11.60	0.83		
Chloride		5.00		1520	200.0	1308	105.7	1472	3.14		
Sulfate		10.0		196	200.0	1.458	97.4	195.4	0.47		

Batch R361239		SampType: MS		Units mg/L						
SampID: 25022118-003AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.2	10.00	0.5310	106.4	80	120	03/05/2025
Chloride		5.00		293	200.0	75.36	108.7	80	120	03/05/2025
Sulfate		10.0		254	200.0	56.81	98.6	80	120	03/05/2025

Batch R361239		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25022118-003AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		11.2	10.00	0.5310	106.9	11.17	0.49		
Chloride		5.00		293	200.0	75.36	108.7	292.7	0.02		
Sulfate		10.0		254	200.0	56.81	98.6	254.0	0.04		

Batch R361239		SampType: MS		Units mg/L						
SampID: 25030040-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.0	10.00	0.1740	108.2	80	120	03/05/2025
Chloride		5.00		479	200.0	250.7	113.9	80	120	03/05/2025
Sulfate		10.0	S	2010	200.0	1846	79.6	80	120	03/05/2025

Batch R361239		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25030040-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		11.0	10.00	0.1740	108.5	11.00	0.21	
Chloride			5.00		478	200.0	250.7	113.6	478.5	0.15	
Sulfate			10.0	S	2000	200.0	1846	76.5	2005	0.31	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 9066 (TOTAL)

Batch R360031		SampType: MBLK		Units mg/L						
SampID: ICB/MBLK										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		< 0.005	0.0028	0	0	-100	100	02/07/2025

Batch R360031		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.048	0.0500	0	95.2	90	110	02/07/2025	

Batch R360031		SampType: MS		Units µg/L							
SampID: 25011232-086FMS											
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	02/07/2025	

Batch R360031		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-086FMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phenols		5		51	50.00	0	101.3	50.70	0.06	02/07/2025	

Batch R360031		SampType: MS		Units mg/L							
SampID: 25020558-001GMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005	S	0.082	0.0500	0.02462	115.5	90	110	02/07/2025	

Batch R360031		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020558-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.079	0.0500	0.02462	108.6	0.08239	4.33	02/07/2025

Batch R360112		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		< 0.005	0.0028	0	0	-100	100	02/10/2025	

Batch R360112		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.051	0.0500	0	102.1	90	110	02/10/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 9066 (TOTAL)

Batch R360112		SampType: MS		Units µg/L						
SampID: 25011232-049FMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		49	50.00	0	98.4	85	115	02/10/2025

Batch R360112		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-049FMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			5		51	50.00	0	101.4	49.20	2.96	02/10/2025

Batch R360135		SampType: MBLK		Units mg/L								
SampID: ICB/MBLK												Date
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols			0.005		< 0.005	0.0028	0	0	-100	100	02/11/2025	

Batch R360135		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	101.3	90	110	02/11/2025	

Batch R360135		SampType: MS		Units µg/L								
SampID: 25011232-053FMS												Date
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols			5		59	50.00	7.330	102.7	85	115	02/11/2025	

Batch R360135		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-053FMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			5		58	50.00	7.330	102.1	58.68	0.48	02/11/2025

Batch R360135		SampType: MS		Units mg/L							
SampID: 25020718-001GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.057	0.0500	0.004260	106.5	90	110	02/11/2025	

Batch R360135		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020718-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.057	0.0500	0.004260	106.1	0.05749	0.30	02/11/2025



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Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

SW-846 9066 (TOTAL)

Batch R360135		SampType: MS		Units mg/L						
SampID: 25020727-002BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		0.054	0.0500	0	107.9	90	110	02/11/2025

Batch R360135		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020727-002BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phenols		0.005		0.052	0.0500	0	103.6	0.05397	4.10	02/11/2025	

Batch R360329		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005		< 0.005	0.0028	0	0	-100	100	02/14/2025	

Batch R360329		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.054	0.0500	0	107.3	90	110	02/14/2025	

Batch R360329		SampType: MS		Units µg/L							
SampID: 25020756-003GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		5		55	50.00	0	109.6	85	115	02/14/2025	

Batch R360329		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25020756-003GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			5	SR	76	50.00	0	152.7	54.81	32.83	02/14/2025

Batch R360329		SampType: MS		Units mg/L							
SampID: 25020896-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005	S	0.060	0.0500	0	119.8	90	110	02/14/2025	

Batch R360329		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020896-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005	S	0.056	0.0500	0	112.9	0.05992	5.98	02/14/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 9066 (TOTAL)

Batch R360329		SampType: MS		Units mg/L							Date
SampID: 25020897-001GMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		0.058	0.0500	0.004170	106.9	90	110	02/14/2025	

Batch R360329		SampType: MSD		Units mg/L							RPD Limit 15	Date
SampID: 25020897-001GMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Phenols		0.005	S	0.062	0.0500	0.004170	115.5	0.05761	7.20	02/14/2025		

Batch R360425		SampType: MBLK		Units mg/L							Date
SampID: ICB/MBLK											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		< 0.005	0.0028	0	0	-100	100	02/17/2025	

Batch R360425		SampType: LCS		Units mg/L							Date
SampID: ICV/LCS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		0.053	0.0500	0	106.8	90	110	02/17/2025	

Batch R360425		SampType: MS		Units µg/L							Date
SampID: 25020872-001FMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		5		58	50.00	13.69	89.1	85	115	02/17/2025	

Batch R360425		SampType: MSD		Units µg/L							RPD Limit 15	Date
SampID: 25020872-001FMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Phenols		5		64	50.00	13.69	100.8	58.25	9.56	02/17/2025		

Batch R360425		SampType: MS		Units µg/L							Date
SampID: 25021056-004HMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		5	S	58	50.00	0	116.8	85	115	02/17/2025	

Batch R360425		SampType: MSD		Units µg/L							RPD Limit 15	Date
SampID: 25021056-004HMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Phenols		5	S	59	50.00	0	117.6	58.40	0.70	02/17/2025		



Quality Control Results

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Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

SW-846 9066 (TOTAL)

Batch R360425		SampType: MS		Units mg/L							
SampID: 25021095-002BMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005	S	0.060	0.0500	0.004250	111.1	90	110	02/17/2025	

Batch R360425		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25021095-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.058	0.0500	0.004250	108.1	0.05981	2.52	02/17/2025

Batch R361495		SampType: MBLK		Units mg/L								
SampID: ICB/MBLK												Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		Analyzed	
Phenols		0.005		< 0.005	0.0028	0	0	-100	100		03/10/2025	

Batch R361495		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005		0.051	0.0500	0	102.9	90	110	03/10/2025	

Batch R361495		SampType: MS		Units mg/L							
SampID: 25030487-001GMS										Date	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005		0.051	0.0500	0	102.3	90	110	03/10/2025	

Batch R361495		SampType: MSD		Units mg/L				RPD Limit 15				Date Analyzed
SampID: 25030487-001GMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Phenols			0.005		0.054	0.0500	0	108.4	0.05116	5.77	03/10/2025	

Batch R361495		SampType: MS		Units mg/L							
SampID: 25030557-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.053	0.0500	0	106.1	90	110	03/10/2025	

Batch R361495		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25030557-001EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phenols		0.005		0.050	0.0500	0	100.8	0.05305	5.12	03/10/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 9066 (TOTAL)

Batch R361495		SampType: MS		Units mg/L						
SampID: 25030590-001GMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		0.052	0.0500	0	104.6	90	110	03/10/2025

Batch R361495		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25030590-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.052	0.0500	0	103.1	0.05232	1.44	03/10/2025

Batch R361495		SampType: MS		Units mg/L							
SampID: 25030703-001GMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005	S	0.055	0.0500	0	110.3	90	110	03/10/2025	

Batch R361495		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25030703-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.053	0.0500	0	105.4	0.05515	4.51	03/10/2025

Batch R361495		SampType: MS		Units mg/L							
SampID: 25030738-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.054	0.0500	0	107.8	90	110	03/10/2025	

Batch R361495		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25030738-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.048	0.0500	0	96.6	0.05389	10.96	03/10/2025

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

Batch 234445		SampType: MBLK		Units mg/L							
SampID: MBLK-234445											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/17/2025	
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	02/17/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/17/2025	
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	02/17/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234445 SampType: LCS Units mg/L

SampID: LCS-234445

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.65	5.000	0	93.1	85	115	02/17/2025
Magnesium		0.050		4.39	5.000	0	87.8	85	115	02/17/2025
Potassium		0.100		4.91	5.000	0	98.2	85	115	02/17/2025
Sodium		0.050		4.79	5.000	0	95.9	85	115	02/17/2025

Batch 234445 SampType: MS Units mg/L

SampID: 25011232-011CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	105	5.000	104.8	8.4	75	125	02/17/2025
Magnesium		0.050	S	42.8	5.000	40.18	52.3	75	125	02/17/2025
Potassium		0.100		5.60	5.000	0.8900	94.2	75	125	02/17/2025
Sodium		0.050	S	56.6	5.000	54.03	50.8	75	125	02/17/2025

Batch 234445 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25011232-011CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	105	5.000	104.8	5.0	105.2	0.16	02/17/2025
Magnesium		0.050	S	42.8	5.000	40.18	53.0	42.79	0.09	02/17/2025
Potassium		0.100		5.71	5.000	0.8900	96.4	5.599	2.01	02/17/2025
Sodium		0.050	S	56.4	5.000	54.03	47.0	56.57	0.34	02/17/2025

Batch 234445 SampType: MS Units mg/L

SampID: 25011232-019CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	86.5	5.000	84.76	34.4	75	125	02/17/2025
Magnesium		0.050	S	42.2	5.000	39.16	61.3	75	125	02/17/2025
Potassium		0.100		5.44	5.000	0.4628	99.5	75	125	02/17/2025
Sodium		0.050	S	57.4	5.000	54.77	52.6	75	125	02/17/2025

Batch 234445 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25011232-019CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	85.8	5.000	84.76	20.0	86.48	0.84	02/17/2025
Magnesium		0.050	S	41.6	5.000	39.16	49.5	42.22	1.41	02/17/2025
Potassium		0.100		5.34	5.000	0.4628	97.5	5.438	1.87	02/17/2025
Sodium		0.050	S	57.0	5.000	54.77	44.6	57.40	0.70	02/17/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234446 SampType: MBLK Units mg/L
SampID: MBLK-234446

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/17/2025
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	02/17/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/17/2025
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	02/17/2025

Batch 234446 SampType: LCS Units mg/L
SampID: LCS-234446

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.44	5.000	0	88.9	85	115	02/17/2025
Magnesium		0.050		2.30	2.500	0	91.8	85	115	02/17/2025
Potassium		0.100		4.70	5.000	0	94.1	85	115	02/17/2025
Sodium		0.050		4.57	5.000	0	91.4	85	115	02/17/2025

Batch 234446 SampType: MS Units mg/L
SampID: 25011232-106DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	66.7	5.000	63.96	54.6	75	125	02/17/2025
Magnesium		0.050	S	34.0	5.000	30.48	70.2	75	125	02/17/2025
Potassium		0.100		5.40	5.000	0.5404	97.2	75	125	02/17/2025
Sodium		0.050	S	61.2	5.000	58.68	51.4	75	125	02/17/2025

Batch 234446 SampType: MSD Units mg/L
SampID: 25011232-106DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	65.9	5.000	63.96	38.2	66.69	1.24	02/17/2025
Magnesium		0.050	S	33.5	5.000	30.48	60.2	33.99	1.48	02/17/2025
Potassium		0.100		5.33	5.000	0.5404	95.8	5.399	1.31	02/17/2025
Sodium		0.050	S	60.6	5.000	58.68	39.0	61.25	1.02	02/17/2025

Batch 234484 SampType: MBLK Units mg/L
SampID: MBLK-234484

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/17/2025
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	02/17/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/17/2025
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	02/17/2025



Quality Control Results

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Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011232
Report Date: 14-Mar-25

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

Batch 234484 SampType: LCS Units mg/L
SampleID: LCS-234484

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.68	5.000	0	93.5	85	115	02/17/2025
Magnesium		0.050		4.39	5.000	0	87.8	85	115	02/17/2025
Potassium		0.100		4.91	5.000	0	98.2	85	115	02/17/2025
Sodium		0.050		4.79	5.000	0	95.7	85	115	02/17/2025

Batch 234486 SampType: MBLK Units mg/L
SampleID: MBLK-234486

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/17/2025
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	02/17/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/17/2025
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	02/17/2025

Batch 234486 SampType: LCS Units mg/L
SampleID: LCS-234486

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.78	5.000	0	95.6	85	115	02/17/2025
Magnesium		0.050		4.49	5.000	0	89.7	85	115	02/17/2025
Potassium		0.100		4.97	5.000	0	99.5	85	115	02/17/2025
Sodium		0.050		4.86	5.000	0	97.3	85	115	02/17/2025

Batch 234751 SampType: MBLK Units mg/L
SampleID: MBLK-234751

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/13/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/13/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/13/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	02/13/2025

Batch 234751 SampType: LCS Units mg/L
SampleID: LCS-234751

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.81	5.000	0	96.1	85	115	02/13/2025
Magnesium		0.0500		4.60	5.000	0	92.0	85	115	02/14/2025
Potassium		0.100		5.22	5.000	0	104.3	85	115	02/13/2025
Sodium		0.0500		5.10	5.000	0	102.0	85	115	02/13/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 235145		SampType: MBLK		Units mg/L						
SampID: MBLK-235145										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/24/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/24/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/24/2025

Batch 235145		SampType: LCS		Units mg/L						
SampID: LCS-235145										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.71	5.000	0	94.3	85	115	02/24/2025
Magnesium		0.0500		4.34	5.000	0	86.9	85	115	02/24/2025
Potassium		0.100		4.98	5.000	0	99.6	85	115	02/24/2025

Batch 235145		SampType: MS		Units mg/L							Date Analyzed
SampID: 25020748-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Magnesium		0.050	S	64.9	5.000	62.55	46.7	75	125	02/24/2025	

Batch 235145		SampType: MSD		Units mg/L				RPD Limit 20			Date Analyzed
SampID: 25020748-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Magnesium		0.050	S	64.5	5.000	62.55	39.7	64.88	0.54	02/24/2025	

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

Batch 234361		SampType: MBLK		Units mg/L						
SampID: MBLK-234361										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/07/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/07/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/07/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	02/07/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234361 SampType: LCS Units mg/L

SampID: LCS-234361

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.94	5.000	0	98.8	85	115	02/07/2025
Magnesium		0.0500		4.61	5.000	0	92.2	85	115	02/07/2025
Potassium		0.100		4.74	5.000	0	94.9	85	115	02/07/2025
Sodium		0.0500		4.89	5.000	0	97.8	85	115	02/07/2025

Batch 234430 SampType: MBLK Units mg/L

SampID: MBLK-234430

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/07/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/07/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/07/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	02/07/2025

Batch 234430 SampType: LCS Units mg/L

SampID: LCS-234430

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.24	5.000	0	104.8	85	115	02/07/2025
Magnesium		0.0500		4.91	5.000	0	98.1	85	115	02/07/2025
Potassium		0.100		5.01	5.000	0	100.2	85	115	02/07/2025
Sodium		0.0500		5.36	5.000	0	107.2	85	115	02/07/2025

Batch 234436 SampType: MBLK Units mg/L

SampID: MBLK-234436

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/07/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/07/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/07/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	02/07/2025

Batch 234436 SampType: LCS Units mg/L

SampID: LCS-234436

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.13	5.000	0	102.6	85	115	02/07/2025
Magnesium		0.0500		4.80	5.000	0	96.1	85	115	02/07/2025
Potassium		0.100		4.83	5.000	0	96.5	85	115	02/07/2025
Sodium		0.0500		5.15	5.000	0	103.0	85	115	02/07/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234436 SampType: MS Units mg/L

SampleID: 25011232-036CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	82.2	5.000	74.71	150.0	75	125	02/07/2025
Magnesium		0.050		38.7	5.000	33.04	112.2	75	125	02/07/2025
Potassium		0.100		5.47	5.000	0.4781	99.8	75	125	02/07/2025
Sodium		0.050		45.1	5.000	39.23	118.0	75	125	02/07/2025

Batch 234436 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25011232-036CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		80.5	5.000	74.71	115.4	82.21	2.13	02/07/2025
Magnesium		0.050		38.2	5.000	33.04	103.9	38.65	1.09	02/07/2025
Potassium		0.100		5.36	5.000	0.4781	97.7	5.466	1.95	02/07/2025
Sodium		0.050		44.0	5.000	39.23	94.6	45.13	2.63	02/07/2025

Batch 234436 SampType: MS Units mg/L

SampleID: 25011232-077BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	286	5.000	289.7	-67.4	75	125	02/07/2025
Magnesium		0.050	S	128	5.000	127.1	28.4	75	125	02/07/2025
Potassium		0.100		5.57	5.000	0.5273	100.8	75	125	02/07/2025
Sodium		0.050	S	123	5.000	121.0	49.2	75	125	02/07/2025

Batch 234436 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25011232-077BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	266	5.000	289.7	-464.8	286.3	7.19	02/07/2025
Magnesium		0.050	S	120	5.000	127.1	-150.2	128.5	7.20	02/07/2025
Potassium		0.100		5.43	5.000	0.5273	98.1	5.566	2.40	02/07/2025
Sodium		0.050	S	115	5.000	121.0	-128.0	123.5	7.44	02/07/2025

Batch 234473 SampType: MBLK Units mg/L

SampleID: MBLK-234473

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/10/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/10/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/10/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	02/10/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234473 SampType: LCS Units mg/L

SampleID: LCS-234473

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.20	5.000	0	104.0	85	115	02/10/2025
Magnesium		0.0500		4.82	5.000	0	96.3	85	115	02/10/2025
Potassium		0.100		5.21	5.000	0	104.3	85	115	02/10/2025
Sodium		0.0500		5.15	5.000	0	103.0	85	115	02/10/2025

Batch 234473 SampType: MS Units mg/L

SampleID: 25011232-028CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		110	5.000	104.8	103.4	75	125	02/10/2025
Magnesium		0.050		46.3	5.000	41.57	95.2	75	125	02/10/2025
Potassium		0.100		6.35	5.000	0.7546	112.0	75	125	02/10/2025
Sodium		0.050		60.5	5.000	55.26	104.2	75	125	02/10/2025

Batch 234473 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25011232-028CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	107	5.000	104.8	36.4	110.0	3.09	02/10/2025
Magnesium		0.050	S	45.2	5.000	41.57	72.4	46.33	2.49	02/10/2025
Potassium		0.100		6.22	5.000	0.7546	109.3	6.354	2.12	02/10/2025
Sodium		0.050		59.0	5.000	55.26	75.8	60.47	2.38	02/10/2025

Batch 234473 SampType: MS Units mg/L

SampleID: 25011232-105BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		88.1	5.000	84.35	75.4	75	125	02/10/2025

Batch 234473 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25011232-105BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	88.1	5.000	84.35	74.8	88.12	0.03	02/10/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234533 SampType: MBLK Units mg/L

SampleID: MBLK-234533

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/10/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/10/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/10/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	02/10/2025

Batch 234533 SampType: LCS Units mg/L

SampleID: LCS-234533

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.65	5.000	0	93.0	85	115	02/10/2025
Magnesium		0.0500		4.73	5.000	0	94.7	85	115	02/10/2025
Potassium		0.100		5.52	5.000	0	110.4	85	115	02/10/2025
Sodium		0.0500		5.44	5.000	0	108.8	85	115	02/10/2025

Batch 234533 SampType: MS Units mg/L

SampleID: 25010617-042BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.0500	S	38.7	5.000	30.67	160.2	75	125	02/10/2025

Batch 234533 SampType: MSD Units mg/L

SampleID: 25010617-042BMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium		0.0500	S	39.2	5.000	30.67	169.7	38.68	1.21	02/10/2025

Batch 234593 SampType: MBLK Units mg/L

SampleID: MBLK-234593

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/11/2025
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	02/11/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/11/2025
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	02/11/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234593 SampType: LCS Units mg/L

SampleID: LCS-234593

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.63	5.000	0	92.6	85	115	02/11/2025
Magnesium		0.050		4.52	5.000	0	90.5	85	115	02/11/2025
Potassium		0.100		4.87	5.000	0	97.4	85	115	02/11/2025
Sodium		0.050		4.84	5.000	0	96.8	85	115	02/11/2025

Batch 234593 SampType: MS Units mg/L

SampleID: 25011232-055BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	140	5.000	132.4	145.2	75	125	02/11/2025
Magnesium		0.050		70.8	5.000	64.74	120.3	75	125	02/11/2025
Potassium		0.100		6.20	5.000	1.132	101.4	75	125	02/11/2025
Sodium		0.050		58.7	5.000	52.75	119.4	75	125	02/11/2025

Batch 234593 SampType: MSD Units mg/L

SampleID: 25011232-055BMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	135	5.000	132.4	45.8	139.7	3.62	02/11/2025
Magnesium		0.050	S	68.4	5.000	64.74	73.0	70.75	3.40	02/11/2025
Potassium		0.100		5.96	5.000	1.132	96.6	6.203	3.97	02/11/2025
Sodium		0.050	S	55.6	5.000	52.75	57.6	58.72	5.40	02/11/2025

Batch 234593 SampType: MS Units mg/L

SampleID: 25011232-073BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	269	5.000	254.2	301.2	75	125	02/11/2025
Magnesium		0.050	S	80.0	5.000	72.61	147.9	75	125	02/11/2025
Potassium		0.100		7.13	5.000	2.232	97.9	75	125	02/11/2025
Sodium		0.050	S	70.9	5.000	64.53	126.8	75	125	02/11/2025

Batch 234593 SampType: MSD Units mg/L

SampleID: 25011232-073BMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	272	5.000	254.2	363.6	269.2	1.15	02/11/2025
Magnesium		0.050	S	80.8	5.000	72.61	163.6	80.00	0.98	02/11/2025
Potassium		0.100		7.19	5.000	2.232	99.2	7.128	0.90	02/11/2025
Sodium		0.050	S	72.1	5.000	64.53	151.2	70.87	1.71	02/11/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234622 SampType: MBLK Units mg/L

SampID: MBLK-234622

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/12/2025
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/13/2025
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	02/13/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/12/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/13/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	02/12/2025
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	02/13/2025

Batch 234622 SampType: LCS Units mg/L

SampID: LCS-234622

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.94	5.000	0	98.8	85	115	02/13/2025
Calcium		0.100		4.80	5.000	0	96.0	85	115	02/12/2025
Magnesium		0.050		4.90	5.000	0	98.0	85	115	02/13/2025
Potassium		0.100		5.23	5.000	0	104.7	85	115	02/13/2025
Potassium		0.100		5.15	5.000	0	103.0	85	115	02/12/2025
Sodium		0.0500		5.20	5.000	0	103.9	85	115	02/12/2025
Sodium		0.050		5.32	5.000	0	106.3	85	115	02/13/2025

Batch 234691 SampType: MBLK Units mg/L

SampID: MBLK-234691

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/13/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/13/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/13/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	02/13/2025

Batch 234691 SampType: LCS Units mg/L

SampID: LCS-234691

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.25	5.000	0	105.0	85	115	02/13/2025
Magnesium		0.0500		4.80	5.000	0	96.1	85	115	02/13/2025
Potassium		0.100		5.46	5.000	0	109.1	85	115	02/13/2025
Sodium		0.0500		5.42	5.000	0	108.4	85	115	02/13/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234691 SampType: MS Units mg/L

SampleID: 25011232-068BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	181	5.000	172.6	174.0	75	125	02/13/2025
Magnesium		0.050	S	92.8	5.000	85.52	145.1	75	125	02/13/2025
Potassium		0.100		6.29	5.000	0.9178	107.5	75	125	02/13/2025
Sodium		0.050	S	140	5.000	131.8	159.2	75	125	02/13/2025

Batch 234691 SampType: MSD Units mg/L

SampleID: 25011232-068BMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	182	5.000	172.6	182.0	181.2	0.22	02/13/2025
Magnesium		0.050	S	93.1	5.000	85.52	150.7	92.78	0.30	02/13/2025
Potassium		0.100		6.25	5.000	0.9178	106.6	6.293	0.70	02/13/2025
Sodium		0.050	S	140	5.000	131.8	158.8	139.7	0.01	02/13/2025

Batch 234938 SampType: MBLK Units mg/L

SampleID: MBLK-234938

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	02/19/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/19/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/19/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	02/19/2025

Batch 234938 SampType: LCS Units mg/L

SampleID: LCS-234938

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.42	5.000	0	108.4	85	115	02/19/2025
Magnesium		0.0500		4.85	5.000	0	97.0	85	115	02/19/2025
Potassium		0.100		5.42	5.000	0	108.3	85	115	02/19/2025
Sodium		0.0500		5.61	5.000	0	112.3	85	115	02/19/2025

Batch 234938 SampType: MS Units mg/L

SampleID: 25010461-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.050		24.1	5.000	18.31	115.0	75	125	02/19/2025
Potassium		0.100		7.75	5.000	2.353	108.0	75	125	02/19/2025
Sodium		0.050		9.74	5.000	4.106	112.7	75	125	02/19/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234938		SampType: MSD		Units mg/L				RPD Limit 20			Date Analyzed
SampID: 25010461-003BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Magnesium		0.050		22.4	5.000	18.31	82.7	24.06	6.93	02/19/2025	
Potassium		0.100		7.45	5.000	2.353	101.9	7.754	4.03	02/19/2025	
Sodium		0.050		9.30	5.000	4.106	103.9	9.742	4.62	02/19/2025	

Batch 235398		SampType: MBLK		Units mg/L							
SampID: MBLK-235398											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	03/03/2025	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	03/03/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	03/03/2025	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	03/03/2025	

Batch 235398		SampType: LCS		Units mg/L						
SampID: LCS-235398										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.93	5.000	0	98.6	85	115	03/03/2025
Magnesium		0.0500		4.56	5.000	0	91.1	85	115	03/03/2025
Potassium		0.100		5.08	5.000	0	101.6	85	115	03/03/2025
Sodium		0.0500		4.90	5.000	0	98.0	85	115	03/03/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234445		SampType: MBLK		Units µg/L							
SampleID: MBLK-234445											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/11/2025	
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/11/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/11/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/11/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/11/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/11/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/11/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/11/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/11/2025	
Copper		1.0		< 1.0	0.3000	0	0	-100	100	02/11/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/11/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/11/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/11/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/11/2025	
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/11/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/11/2025	
Silver		1.0		< 1.0	0.1000	0	0	-100	100	02/11/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/11/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/11/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/11/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234445		SampType: LCS		Units µg/L							
SampID: LCS-234445											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Aluminum		25.0		3690	4000	0	92.3	80	120	02/11/2025	
Antimony		1.0		872	1000	0	87.2	80	120	02/11/2025	
Arsenic		1.0		914	1000	0	91.4	80	120	02/11/2025	
Barium		1.0		3900	4000	0	97.4	80	120	02/11/2025	
Beryllium		1.0		91.1	100.0	0	91.1	80	120	02/11/2025	
Boron		25.0		969	1000	0	96.9	80	120	02/11/2025	
Cadmium		1.0		97.3	100.0	0	97.3	80	120	02/11/2025	
Chromium		1.5		363	400.0	0	90.8	80	120	02/11/2025	
Cobalt		1.0		934	1000	0	93.4	80	120	02/11/2025	
Copper		1.0		453	500.0	0	90.7	80	120	02/11/2025	
Iron		25.0		3680	4000	0	92.0	80	120	02/11/2025	
Lead		1.0		983	1000	0	98.3	80	120	02/11/2025	
Manganese		2.0		911	1000	0	91.1	80	120	02/11/2025	
Molybdenum		1.5		920	1000	0	92.0	80	120	02/11/2025	
Nickel		1.0		899	1000	0	89.9	80	120	02/11/2025	
Selenium		1.0		925	1000	0	92.5	80	120	02/11/2025	
Silver		1.0		102	100.0	0	102.1	80	120	02/11/2025	
Thallium		2.0		456	500.0	0	91.1	80	120	02/11/2025	
Vanadium		5.0		905	1000	0	90.5	80	120	02/11/2025	
Zinc		15.0		866	1000	0	86.6	80	120	02/11/2025	

Batch 234445		SampType: MS		Units µg/L						
SampID: 25011232-011CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		943	1000	0	94.3	75	125	02/13/2025
Arsenic		1.0		848	1000	0	84.8	75	125	02/13/2025
Barium		1.0		3710	4000	87.49	90.6	75	125	02/13/2025
Boron		25.0		912	1000	11.95	90.0	75	125	02/11/2025
Cadmium		1.0		92.1	100.0	0	92.1	75	125	02/13/2025
Chromium		1.5		339	400.0	0	84.7	75	125	02/11/2025
Cobalt		1.0		837	1000	0.2090	83.7	75	125	02/11/2025
Lead		1.0		903	1000	0	90.3	75	125	02/11/2025
Manganese		2.0		900	1000	73.24	82.6	75	125	02/11/2025
Zinc		15.0		805	1000	0	80.5	75	125	02/11/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch	234445	SampType:	MSD	Units µg/L				RPD Limit 20		
SampID: 25011232-011CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		923	1000	0	92.3	942.6	2.10	02/13/2025
Arsenic		1.0		827	1000	0	82.7	848.4	2.51	02/13/2025
Barium		1.0		3680	4000	87.49	89.9	3712	0.79	02/13/2025
Boron		25.0		912	1000	11.95	90.1	911.6	0.10	02/11/2025
Cadmium		1.0		89.6	100.0	0	89.6	92.06	2.70	02/13/2025
Chromium		1.5		341	400.0	0	85.3	338.9	0.69	02/11/2025
Cobalt		1.0		860	1000	0.2090	86.0	836.8	2.75	02/11/2025
Lead		1.0		956	1000	0	95.6	903.0	5.73	02/11/2025
Manganese		2.0		917	1000	73.24	84.4	899.6	1.94	02/11/2025
Zinc		15.0		816	1000	0	81.6	804.8	1.34	02/11/2025

Batch	234445	SampType:	MS	Units µg/L							
SampID: 25011232-019CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		1.0		1000	1000	0	100.1	75	125	02/13/2025	
Arsenic		1.0		878	1000	0	87.8	75	125	02/13/2025	
Barium		1.0		3930	4000	53.05	96.8	75	125	02/13/2025	
Boron		25.0		940	1000	0	94.0	75	125	02/11/2025	
Cadmium		1.0		96.7	100.0	0	96.7	75	125	02/13/2025	
Chromium		1.5		351	400.0	0	87.7	75	125	02/11/2025	
Cobalt		1.0		892	1000	0	89.2	75	125	02/11/2025	
Lead		1.0		945	1000	0	94.5	75	125	02/11/2025	
Manganese		2.0		879	1000	0	87.9	75	125	02/11/2025	
Zinc		15.0		849	1000	0	84.9	75	125	02/11/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234445		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25011232-019CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		1030	1000	0	102.8	1001	2.69	02/13/2025
Arsenic		1.0		904	1000	0	90.4	877.8	2.98	02/13/2025
Barium		1.0		3930	4000	53.05	97.0	3925	0.16	02/13/2025
Boron		25.0		943	1000	0	94.3	940.3	0.26	02/11/2025
Cadmium		1.0		101	100.0	0	101.3	96.68	4.68	02/13/2025
Chromium		1.5		349	400.0	0	87.2	350.7	0.50	02/11/2025
Cobalt		1.0		870	1000	0	87.0	892.2	2.51	02/11/2025
Lead		1.0		934	1000	0	93.4	945.5	1.24	02/11/2025
Manganese		2.0		860	1000	0	86.0	879.3	2.25	02/11/2025
Zinc		15.0		813	1000	0	81.3	848.6	4.25	02/11/2025

Batch 234446		SampType: MBLK		Units µg/L						
SampID: MBLK-234446										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/11/2025
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/11/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/11/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/11/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/11/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/11/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/11/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/11/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/11/2025
Copper		1.0	S	1.1	0.3000	0	351.8	-100	100	02/11/2025
Copper		1.0		< 1.0	0.3000	0	0	-100	100	02/13/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/11/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/11/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/11/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/11/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/11/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/11/2025
Silver		1.0		< 1.0	0.1000	0	0	-100	100	02/11/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/11/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/11/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/11/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234446		SampType: LCS		Units µg/L							Date Analyzed
SampID: LCS-234446											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		3560	4000	0	89.0	80	120	02/11/2025	
Antimony		1.0		916	1000	0	91.6	80	120	02/12/2025	
Arsenic		1.0		848	1000	0	84.8	80	120	02/12/2025	
Barium		1.0		3560	4000	0	89.1	80	120	02/12/2025	
Beryllium		1.0		85.6	100.0	0	85.6	80	120	02/11/2025	
Boron		25.0		900	1000	0	90.0	80	120	02/11/2025	
Cadmium		1.0		92.7	100.0	0	92.7	80	120	02/12/2025	
Chromium		1.5		348	400.0	0	87.0	80	120	02/11/2025	
Cobalt		1.0		891	1000	0	89.1	80	120	02/11/2025	
Copper		1.0	B	438	500.0	0	87.7	80	120	02/11/2025	
Copper		1.0		460	500.0	0	92.0	80	120	02/13/2025	
Iron		25.0		3530	4000	0	88.2	80	120	02/11/2025	
Lead		1.0		923	1000	0	92.3	80	120	02/11/2025	
Manganese		2.0		872	1000	0	87.2	80	120	02/11/2025	
Molybdenum		1.5		855	1000	0	85.5	80	120	02/12/2025	
Nickel		1.0		870	1000	0	87.0	80	120	02/11/2025	
Selenium		1.0		837	1000	0	83.7	80	120	02/12/2025	
Silver		1.0		93.5	100.0	0	93.5	80	120	02/13/2025	
Thallium		2.0		442	500.0	0	88.4	80	120	02/11/2025	
Vanadium		5.0		878	1000	0	87.8	80	120	02/11/2025	
Zinc		15.0		847	1000	0	84.7	80	120	02/11/2025	

Batch 234446		SampType: MS		Units µg/L						
SampID: 25011232-048CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		25.0		7140	4000	3746	84.7	75	125	02/14/2025
Manganese		2.0		1300	1000	417.9	88.5	75	125	02/14/2025

Batch 234446		SampType: MSD	Units µg/L					RPD Limit 20			
SampID: 25011232-048CMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Iron			25.0		7130	4000	3746	84.7	7136	0.05	02/14/2025
Manganese			2.0		1320	1000	417.9	89.8	1303	0.97	02/14/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234446		SampType: MS		Units µg/L							Date Analyzed	
SampID: 25011232-106DMS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		25.0		3360	4000	0	84.0	75	125			
Antimony		1.0		1010	1000	0	100.6	75	125			
Arsenic		1.0		925	1000	0	92.5	75	125			
Barium		1.0		3960	4000	52.43	97.6	75	125			
Beryllium		1.0		92.1	100.0	0	92.1	75	125			
Boron		25.0		947	1000	0	94.7	75	125			
Cadmium		1.0		97.2	100.0	0	97.2	75	125			
Chromium		1.5		358	400.0	2.162	89.0	75	125			
Cobalt		1.0		921	1000	0	92.1	75	125			
Copper		1.0		428	500.0	0	85.7	75	125			
Iron		25.0		3530	4000	0	88.2	75	125			
Lead		1.0		961	1000	0	96.1	75	125			
Manganese		2.0		885	1000	0	88.5	75	125			
Molybdenum		1.5		944	1000	2.194	94.2	75	125			
Nickel		1.0		854	1000	0	85.4	75	125			
Selenium		1.0		889	1000	3.744	88.5	75	125			
Silver		1.0		108	100.0	0	108.3	75	125			
Thallium		2.0		467	500.0	0	93.4	75	125			
Vanadium		5.0		881	1000	0	88.1	75	125			
Zinc		15.0		867	1000	0	86.7	75	125			



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch	234446	SampType:	MSD	Units µg/L				RPD Limit 20		
SampleID: 25011232-106DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		3300	4000	0	82.4	3360	1.90	02/14/2025
Antimony		1.0		1030	1000	0	103.4	1006	2.69	02/14/2025
Arsenic		1.0		942	1000	0	94.2	924.8	1.89	02/14/2025
Barium		1.0		4020	4000	52.43	99.1	3957	1.48	02/14/2025
Beryllium		1.0		90.5	100.0	0	90.5	92.07	1.70	02/14/2025
Boron		25.0		959	1000	0	95.9	946.9	1.30	02/14/2025
Cadmium		1.0		101	100.0	0	100.9	97.25	3.68	02/14/2025
Chromium		1.5		354	400.0	2.162	87.9	358.1	1.20	02/14/2025
Cobalt		1.0		939	1000	0	93.9	921.3	1.85	02/14/2025
Copper		1.0		435	500.0	0	86.9	428.4	1.42	02/14/2025
Iron		25.0		3530	4000	0	88.3	3527	0.18	02/14/2025
Lead		1.0		956	1000	0	95.6	960.8	0.46	02/14/2025
Manganese		2.0		877	1000	0	87.7	884.9	0.87	02/17/2025
Molybdenum		1.5		956	1000	2.194	95.4	943.9	1.26	02/14/2025
Nickel		1.0		863	1000	0	86.3	854.3	1.06	02/14/2025
Selenium		1.0		891	1000	3.744	88.7	888.8	0.20	02/17/2025
Silver		1.0		110	100.0	0	110.1	108.3	1.64	02/14/2025
Thallium		2.0		466	500.0	0	93.1	467.1	0.31	02/14/2025
Vanadium		5.0		881	1000	0	88.1	881.2	0.05	02/14/2025
Zinc		15.0		872	1000	0	87.2	866.5	0.68	02/14/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234484		SampType: MBLK		Units µg/L							Date Analyzed	
SampID: MBLK-234484												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/12/2025		
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/13/2025		
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/12/2025		
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/12/2025		
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/12/2025		
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/12/2025		
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/12/2025		
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/12/2025		
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/12/2025		
Copper		1.0		< 1.0	0.3000	0	0	-100	100	02/12/2025		
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/14/2025		
Iron		25.0	S	62.9	11.50	0	547.1	-100	100	02/13/2025		
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/12/2025		
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/12/2025		
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/12/2025		
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/12/2025		
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/12/2025		
Silver		1.0		< 1.0	0.1000	0	0	-100	100	02/13/2025		
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/12/2025		
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/12/2025		
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/12/2025		



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234484		SampType: LCS		Units µg/L							Date Analyzed	
SampID: LCS-234484												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		25.0		3590	4000	0	89.6	80	120	02/12/2025		
Antimony		1.0		1060	1000	0	105.8	80	120	02/13/2025		
Arsenic		1.0		918	1000	0	91.8	80	120	02/12/2025		
Barium		1.0		3990	4000	0	99.7	80	120	02/12/2025		
Beryllium		1.0		88.9	100.0	0	88.9	80	120	02/12/2025		
Boron		25.0		891	1000	0	89.1	80	120	02/12/2025		
Cadmium		1.0		105	100.0	0	105.2	80	120	02/12/2025		
Chromium		1.5		367	400.0	0	91.9	80	120	02/12/2025		
Cobalt		1.0		957	1000	0	95.7	80	120	02/12/2025		
Copper		1.0		448	500.0	0	89.6	80	120	02/12/2025		
Iron		25.0	B	3830	4000	0	95.7	80	120	02/13/2025		
Lead		1.0		953	1000	0	95.3	80	120	02/12/2025		
Manganese		2.0		910	1000	0	91.0	80	120	02/12/2025		
Molybdenum		1.5		943	1000	0	94.3	80	120	02/12/2025		
Nickel		1.0		897	1000	0	89.7	80	120	02/12/2025		
Selenium		1.0		935	1000	0	93.5	80	120	02/12/2025		
Silver		1.0		94.4	100.0	0	94.4	80	120	02/13/2025		
Thallium		2.0		454	500.0	0	90.8	80	120	02/12/2025		
Vanadium		5.0		910	1000	0	91.0	80	120	02/12/2025		
Zinc		15.0		906	1000	0	90.6	80	120	02/12/2025		



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234484 SampType: MS

Units µg/L

SampleID: 25011232-030DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		3540	4000	0	88.5	75	125	02/12/2025
Antimony		1.0		1100	1000	0	110.3	75	125	02/13/2025
Arsenic		1.0		943	1000	0	94.3	75	125	02/12/2025
Barium		1.0		4000	4000	91.99	97.8	75	125	02/12/2025
Beryllium		1.0		89.7	100.0	0	89.7	75	125	02/12/2025
Boron		25.0		915	1000	0	91.5	75	125	02/12/2025
Cadmium		1.0		99.6	100.0	0	99.6	75	125	02/12/2025
Chromium		1.5		376	400.0	0	93.9	75	125	02/12/2025
Cobalt		1.0		962	1000	0	96.2	75	125	02/12/2025
Copper		1.0		441	500.0	0.7801	88.1	75	125	02/12/2025
Iron		25.0	B	3820	4000	0	95.4	75	125	02/13/2025
Lead		1.0		938	1000	0	93.8	75	125	02/12/2025
Manganese		2.0		936	1000	9.439	92.6	75	125	02/12/2025
Molybdenum		1.5		943	1000	1.221	94.2	75	125	02/12/2025
Nickel		1.0		887	1000	0	88.7	75	125	02/12/2025
Selenium		1.0		931	1000	0.6100	93.1	75	125	02/12/2025
Silver		1.0		89.0	100.0	0	89.0	75	125	02/13/2025
Thallium		2.0		476	500.0	0	95.2	75	125	02/13/2025
Vanadium		5.0		918	1000	0	91.8	75	125	02/12/2025
Zinc		15.0		895	1000	0	89.5	75	125	02/12/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234484		SampType: MSD		Units µg/L			RPD Limit 20			
SampID: 25011232-030DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		3430	4000	0	85.9	3539	3.02	02/12/2025
Antimony		1.0		1090	1000	0	109.4	1103	0.80	02/13/2025
Arsenic		1.0		942	1000	0	94.2	943.4	0.14	02/12/2025
Barium		1.0		4020	4000	91.99	98.2	4003	0.45	02/12/2025
Beryllium		1.0		86.2	100.0	0	86.2	89.68	3.93	02/12/2025
Boron		25.0		880	1000	0	88.0	914.7	3.89	02/12/2025
Cadmium		1.0		98.2	100.0	0	98.2	99.60	1.43	02/12/2025
Chromium		1.5		361	400.0	0	90.2	375.6	4.03	02/12/2025
Cobalt		1.0		929	1000	0	92.9	962.2	3.46	02/12/2025
Copper		1.0		437	500.0	0.7801	87.3	441.4	0.92	02/12/2025
Iron		25.0	B	3840	4000	0	96.1	3816	0.68	02/13/2025
Lead		1.0		942	1000	0	94.2	938.1	0.37	02/12/2025
Manganese		2.0		911	1000	9.439	90.1	935.7	2.69	02/12/2025
Molybdenum		1.5		933	1000	1.221	93.1	943.1	1.12	02/12/2025
Nickel		1.0		868	1000	0	86.8	887.4	2.26	02/12/2025
Selenium		1.0		940	1000	0.6100	93.9	931.2	0.94	02/12/2025
Silver		1.0		90.6	100.0	0	90.6	89.04	1.76	02/13/2025
Thallium		2.0		488	500.0	0	97.6	476.2	2.44	02/13/2025
Vanadium		5.0		894	1000	0	89.4	918.0	2.64	02/12/2025
Zinc		15.0		883	1000	0	88.3	895.2	1.41	02/12/2025

Batch 234484		SampType: MS		Units µg/L						
SampID: 25011232-078CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		3490	4000	0	87.1	75	125	02/12/2025
Arsenic		1.0		947	1000	0	94.7	75	125	02/12/2025
Boron		25.0		2210	1000	1310	89.6	75	125	02/12/2025
Copper		1.0		444	500.0	1.350	88.5	75	125	02/12/2025
Iron		25.0	B	3920	4000	0	98.1	75	125	02/13/2025
Lead		1.0		923	1000	0	92.3	75	125	02/12/2025
Manganese		2.0		1920	1000	1020	89.7	75	125	02/12/2025
Nickel		1.0		877	1000	2.043	87.5	75	125	02/12/2025
Silver		1.0		97.4	100.0	0	97.4	75	125	02/13/2025
Vanadium		5.0		924	1000	0	92.4	75	125	02/12/2025
Zinc		15.0		891	1000	0	89.1	75	125	02/12/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234484		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25011232-078CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		3420	4000	0	85.6	3485	1.78	02/12/2025
Arsenic		1.0		928	1000	0	92.8	947.3	2.04	02/12/2025
Boron		25.0		2180	1000	1310	87.3	2206	1.06	02/12/2025
Copper		1.0		439	500.0	1.350	87.5	443.8	1.16	02/12/2025
Iron		25.0	B	3810	4000	0	95.4	3924	2.83	02/13/2025
Lead		1.0		910	1000	0	91.0	923.1	1.44	02/12/2025
Manganese		2.0		1900	1000	1020	87.8	1917	0.98	02/12/2025
Nickel		1.0		872	1000	2.043	87.0	877.3	0.61	02/12/2025
Silver		1.0		93.7	100.0	0	93.7	97.44	3.92	02/13/2025
Vanadium		5.0		904	1000	0	90.4	924.5	2.23	02/12/2025
Zinc		15.0		871	1000	0	87.1	891.2	2.27	02/12/2025

Batch 234486		SampType: MBLK		Units µg/L						
SampID: MBLK-234486										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/11/2025
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/11/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/11/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/11/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/11/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/11/2025
Chromium		1.5	S	2.7	0.7000	0	385.8	-100	100	02/11/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/11/2025
Copper		1.0		< 1.0	0.3000	0	0	-100	100	02/11/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/11/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/11/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/11/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/12/2025
Silver		1.0		< 1.0	0.1000	0	0	-100	100	02/11/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/11/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/11/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234486		SampType: LCS		Units µg/L							
SampID: LCS-234486											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		3970	4000	0	99.2	80	120	02/11/2025	
Antimony		1.0		948	1000	0	94.8	80	120	02/11/2025	
Arsenic		1.0		891	1000	0	89.1	80	120	02/11/2025	
Barium		1.0		3870	4000	0	96.8	80	120	02/11/2025	
Boron		25.0		868	1000	0	86.8	80	120	02/11/2025	
Cadmium		1.0		89.6	100.0	0	89.6	80	120	02/11/2025	
Chromium		1.5		352	400.0	0	88.0	80	120	02/11/2025	
Cobalt		1.0		845	1000	0	84.5	80	120	02/11/2025	
Copper		1.0		422	500.0	0	84.3	80	120	02/11/2025	
Iron		25.0		3360	4000	0	83.9	80	120	02/11/2025	
Lead		1.0		1010	1000	0	100.7	80	120	02/11/2025	
Manganese		2.0		887	1000	0	88.7	80	120	02/11/2025	
Nickel		1.0		837	1000	0	83.7	80	120	02/11/2025	
Silver		1.0		85.7	100.0	0	85.7	80	120	02/11/2025	
Vanadium		5.0		860	1000	0	86.0	80	120	02/11/2025	
Zinc		15.0		890	1000	0	89.0	80	120	02/11/2025	

Batch 234486		SampType: MS		Units µg/L						
SampID: 25020142-005CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		25.0		3460	4000	0	86.6	75	125	02/11/2025
Nickel		1.0		860	1000	14.17	84.6	75	125	02/12/2025

Batch 234486		SampType:	MSD	Units µg/L					RPD Limit 20		
SampID: 25020142-005CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron			25.0		3090	4000	0	77.2	3463	11.43	02/11/2025
Nickel			1.0		823	1000	14.17	80.9	859.8	4.34	02/12/2025

Batch 234486		SampType: MS		Units µg/L							
SampID: 25020294-004CMS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Iron			25.0		3700	4000	91.57	90.2	75	125	02/13/2025
Nickel			1.0		988	1000	132.6	85.5	75	125	02/13/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234486		SampType: MSD		Units µg/L				RPD Limit 20			
SampID: 25020294-004CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron			25.0		3510	4000	91.57	85.4	3700	5.31	02/13/2025
Nickel			1.0		982	1000	132.6	84.9	987.6	0.57	02/13/2025

Batch 234554		SampType: MBLK		Units µg/L							Date Analyzed	
SampID: MBLK-234554												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		25.0		< 25.0	12.50	0	0	-100	100		02/11/2025	
Antimony		1.0		< 1.0	0.4500	0	0	-100	100		02/11/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100		02/11/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100		02/11/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100		02/11/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100		02/11/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100		02/11/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100		02/11/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100		02/11/2025	
Copper		1.0		< 1.0	0.3000	0	0	-100	100		02/11/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100		02/11/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100		02/11/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100		02/11/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100		02/12/2025	
Nickel		1.0		< 1.0	0.4300	0	0	-100	100		02/11/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100		02/11/2025	
Silver		1.0		< 1.0	0.1000	0	0	-100	100		02/12/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100		02/11/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100		02/11/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100		02/11/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234554 SampType: LCS

Units µg/L

SampleID: LCS-234554

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		3810	4000	0	95.3	80	120	02/11/2025
Antimony		1.0		944	1000	0	94.4	80	120	02/12/2025
Arsenic		1.0		847	1000	0	84.7	80	120	02/11/2025
Barium		1.0		3710	4000	0	92.8	80	120	02/11/2025
Beryllium		1.0		82.6	100.0	0	82.6	80	120	02/11/2025
Boron		25.0		906	1000	0	90.6	80	120	02/11/2025
Cadmium		1.0		82.8	100.0	0	82.8	80	120	02/11/2025
Chromium		1.5		346	400.0	0	86.5	80	120	02/11/2025
Cobalt		1.0		848	1000	0	84.8	80	120	02/12/2025
Copper		1.0		423	500.0	0	84.5	80	120	02/12/2025
Iron		25.0		3290	4000	0	82.4	80	120	02/11/2025
Lead		1.0		985	1000	0	98.5	80	120	02/11/2025
Manganese		2.0		878	1000	0	87.8	80	120	02/11/2025
Molybdenum		1.5		839	1000	0	83.9	80	120	02/12/2025
Nickel		1.0		848	1000	0	84.8	80	120	02/12/2025
Selenium		1.0		941	1000	0	94.1	80	120	02/11/2025
Silver		1.0		84.3	100.0	0	84.3	80	120	02/12/2025
Thallium		2.0		435	500.0	0	87.0	80	120	02/11/2025
Vanadium		5.0		829	1000	0	82.9	80	120	02/11/2025
Zinc		15.0		847	1000	0	84.7	80	120	02/11/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234604		SampType: MBLK		Units µg/L							Date Analyzed	
SampID: MBLK-234604												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		25.0		< 25.0	12.50	0	0	-100	100			
Antimony		1.0		< 1.0	0.4500	0	0	-100	100			
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100			
Barium		1.0		< 1.0	0.7000	0	0	-100	100			
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100			
Boron		25.0		< 25.0	9.250	0	0	-100	100			
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100			
Chromium		1.5		< 1.5	0.7000	0	0	-100	100			
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100			
Copper		1.0		< 1.0	0.3000	0	0	-100	100			
Iron		25.0		< 25.0	11.50	0	0	-100	100			
Lead		1.0		< 1.0	0.6000	0	0	-100	100			
Manganese		2.0		< 2.0	0.7500	0	0	-100	100			
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100			
Nickel		1.0		< 1.0	0.4300	0	0	-100	100			
Selenium		1.0		< 1.0	0.6000	0	0	-100	100			
Silver		1.0		< 1.0	0.1000	0	0	-100	100			
Thallium		2.0		< 2.0	0.9500	0	0	-100	100			
Vanadium		5.0		< 5.0	5.000	0	0	-100	100			
Zinc		15.0		< 15.0	5.900	0	0	-100	100			



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch	234604	SampType:	LCS	Units µg/L						
SampID:		LCS-234604								
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		3300	4000	0	82.6	80	120	02/13/2025
Antimony		1.0		949	1000	0	94.9	80	120	02/13/2025
Arsenic		1.0		930	1000	0	93.0	80	120	02/13/2025
Barium		1.0		3800	4000	0	94.9	80	120	02/13/2025
Beryllium		1.0		93.4	100.0	0	93.4	80	120	02/17/2025
Boron		25.0		938	1000	0	93.8	80	120	02/17/2025
Cadmium		1.0		93.1	100.0	0	93.1	80	120	02/13/2025
Chromium		1.5		364	400.0	0	90.9	80	120	02/13/2025
Cobalt		1.0		957	1000	0	95.7	80	120	02/13/2025
Copper		1.0		445	500.0	0	89.1	80	120	02/13/2025
Iron		25.0		3650	4000	0	91.3	80	120	02/13/2025
Lead		1.0		903	1000	0	90.3	80	120	02/13/2025
Manganese		2.0		903	1000	0	90.3	80	120	02/13/2025
Molybdenum		1.5		899	1000	0	89.9	80	120	02/13/2025
Nickel		1.0		879	1000	0	87.9	80	120	02/13/2025
Selenium		1.0		909	1000	0	90.9	80	120	02/13/2025
Silver		1.0		94.3	100.0	0	94.3	80	120	02/13/2025
Thallium		2.0		434	500.0	0	86.8	80	120	02/13/2025
Vanadium		5.0		888	1000	0	88.8	80	120	02/13/2025
Zinc		15.0		873	1000	0	87.3	80	120	02/13/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234604 SampType: MS

Units µg/L

SampleID: 25011232-088DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		3430	4000	0	85.8	75	125	02/13/2025
Antimony		1.0		989	1000	0	98.9	75	125	02/13/2025
Arsenic		1.0		901	1000	0	90.1	75	125	02/13/2025
Barium		1.0		3810	4000	50.29	93.9	75	125	02/13/2025
Beryllium		1.0		106	100.0	0	105.6	75	125	02/18/2025
Boron		25.0		1100	1000	10.79	108.6	75	125	02/18/2025
Cadmium		1.0		95.4	100.0	0	95.4	75	125	02/13/2025
Chromium		1.5		356	400.0	0	89.0	75	125	02/13/2025
Cobalt		1.0		925	1000	0	92.5	75	125	02/13/2025
Copper		1.0		420	500.0	0.8203	83.9	75	125	02/13/2025
Iron		25.0		3580	4000	0	89.4	75	125	02/13/2025
Lead		1.0		884	1000	0	88.4	75	125	02/13/2025
Manganese		2.0		887	1000	6.956	88.0	75	125	02/13/2025
Molybdenum		1.5		909	1000	0	90.9	75	125	02/13/2025
Nickel		1.0		838	1000	0	83.8	75	125	02/13/2025
Selenium		1.0		888	1000	0	88.8	75	125	02/13/2025
Silver		1.0		93.0	100.0	0	93.0	75	125	02/13/2025
Thallium		2.0		436	500.0	0	87.2	75	125	02/13/2025
Vanadium		5.0		889	1000	0	88.9	75	125	02/13/2025
Zinc		15.0		845	1000	0	84.5	75	125	02/13/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch	234604	SampType:	MSD	Units µg/L				RPD Limit 20		
SampID: 25011232-088DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		3230	4000	0	80.8	3433	5.99	02/13/2025
Antimony		1.0		944	1000	0	94.4	988.6	4.57	02/13/2025
Arsenic		1.0		880	1000	0	88.0	901.1	2.38	02/13/2025
Barium		1.0		3670	4000	50.29	90.6	3806	3.49	02/13/2025
Beryllium		1.0		101	100.0	0	100.8	105.6	4.65	02/18/2025
Boron		25.0		1040	1000	10.79	103.3	1097	4.95	02/18/2025
Cadmium		1.0		90.2	100.0	0	90.2	95.39	5.55	02/13/2025
Chromium		1.5		342	400.0	0	85.5	356.0	3.98	02/13/2025
Cobalt		1.0		874	1000	0	87.4	924.5	5.61	02/13/2025
Copper		1.0		410	500.0	0.8203	81.8	420.3	2.52	02/13/2025
Iron		25.0		3420	4000	0	85.6	3577	4.40	02/13/2025
Lead		1.0		854	1000	0	85.4	883.9	3.47	02/13/2025
Manganese		2.0		854	1000	6.956	84.7	886.9	3.82	02/13/2025
Molybdenum		1.5		873	1000	0	87.3	909.4	4.12	02/13/2025
Nickel		1.0		808	1000	0	80.8	838.2	3.63	02/13/2025
Selenium		1.0		874	1000	0	87.4	888.2	1.66	02/13/2025
Silver		1.0		88.7	100.0	0	88.7	93.00	4.72	02/13/2025
Thallium		2.0		425	500.0	0	85.1	436.0	2.47	02/13/2025
Vanadium		5.0		849	1000	0	84.9	888.8	4.53	02/13/2025
Zinc		15.0		823	1000	0	82.3	845.4	2.63	02/13/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234751		SampType: MBLK		Units µg/L							Date Analyzed	
SampID: MBLK-234751												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/18/2025		
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/18/2025		
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/18/2025		
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/18/2025		
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/18/2025		
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/18/2025		
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/18/2025		
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/18/2025		
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/18/2025		
Copper		1.0		< 1.0	0.3000	0	0	-100	100	02/18/2025		
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/18/2025		
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/18/2025		
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/18/2025		
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/18/2025		
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/18/2025		
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/18/2025		
Silver		1.0		< 1.0	0.1000	0	0	-100	100	02/18/2025		
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/18/2025		
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/18/2025		
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/18/2025		



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234751		SampType: LCS		Units µg/L							
SampID: LCS-234751											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		3820	4000	0	95.4	80	120	02/18/2025	
Antimony		1.0		1080	1000	0	107.9	80	120	02/18/2025	
Arsenic		1.0		1010	1000	0	101.1	80	120	02/18/2025	
Barium		1.0		4450	4000	0	111.2	80	120	02/18/2025	
Beryllium		1.0		101	100.0	0	101.5	80	120	02/18/2025	
Boron		25.0		1040	1000	0	103.7	80	120	02/18/2025	
Cadmium		1.0		111	100.0	0	111.5	80	120	02/18/2025	
Chromium		1.5		418	400.0	0	104.6	80	120	02/18/2025	
Cobalt		1.0		1120	1000	0	112.1	80	120	02/18/2025	
Copper		1.0		517	500.0	0	103.3	80	120	02/18/2025	
Iron		25.0		4170	4000	0	104.3	80	120	02/18/2025	
Lead		1.0		1080	1000	0	108.3	80	120	02/18/2025	
Manganese		2.0		1010	1000	0	101.1	80	120	02/18/2025	
Molybdenum		1.5		1060	1000	0	106.3	80	120	02/18/2025	
Nickel		1.0		1030	1000	0	102.6	80	120	02/18/2025	
Selenium		1.0		983	1000	0	98.3	80	120	02/18/2025	
Silver		1.0		119	100.0	0	119.2	80	120	02/18/2025	
Thallium		2.0		501	500.0	0	100.3	80	120	02/18/2025	
Vanadium		5.0		1010	1000	0	101.5	80	120	02/18/2025	
Zinc		15.0		935	1000	0	93.5	80	120	02/18/2025	

Batch 235145		SampType: MBLK		Units µg/L							
SampID: MBLK-235145											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/25/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/25/2025	
Copper		1.0		< 1.0	0.3000	0	0	-100	100	02/25/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/25/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/25/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/25/2025	
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/25/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 235145		SampType: LCS		Units µg/L						
SampID: LCS-235145										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		3310	4000	0	82.8	80	120	02/25/2025
Arsenic		1.0		893	1000	0	89.3	80	120	02/25/2025
Copper		1.0		441	500.0	0	88.1	80	120	02/25/2025
Iron		25.0		3520	4000	0	88.1	80	120	02/25/2025
Lead		1.0		928	1000	0	92.8	80	120	02/25/2025
Manganese		2.0		878	1000	0	87.8	80	120	02/25/2025
Nickel		1.0		869	1000	0	86.9	80	120	02/25/2025

Batch 235145		SampType: MS		Units µg/L						
SampID: 25020748-001CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		886	1000	0	88.6	75	125	02/25/2025
Lead		1.0		922	1000	0	92.2	75	125	02/25/2025

Batch 235145		SampType: MSD		Units µg/L						RPD Limit 20	
SampID: 25020748-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic			1.0		882	1000	0	88.2	885.8	0.46	02/25/2025
Lead			1.0		916	1000	0	91.6	921.5	0.60	02/25/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234361		SampType: MBLK		Units µg/L							Date Analyzed
SampID: MBLK-234361											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/14/2025	
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/13/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/13/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/13/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/14/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/17/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/13/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/14/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/14/2025	
Copper		1.0		< 1.0	0.2980	0	0	-100	100	02/14/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/14/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/13/2025	
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	02/14/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/14/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/13/2025	
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/14/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/13/2025	
Silver		1.0		< 1.0	0.1110	0	0	-100	100	02/13/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/13/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/14/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/14/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234361		SampType: LCS		Units µg/L							Date Analyzed
SampID: LCS-234361											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		3730	4000	0	93.2	80	120	02/14/2025	
Antimony		1.0		1130	1000	0	112.9	80	120	02/13/2025	
Arsenic		1.0		993	1000	0	99.3	80	120	02/13/2025	
Barium		1.0		4310	4000	0	107.8	80	120	02/13/2025	
Beryllium		1.0		95.4	100.0	0	95.4	80	120	02/14/2025	
Boron		25.0		921	1000	0	92.1	80	120	02/17/2025	
Cadmium		1.0		113	100.0	0	113.3	80	120	02/13/2025	
Chromium		1.5		394	400.0	0	98.4	80	120	02/14/2025	
Cobalt		1.0		1050	1000	0	104.7	80	120	02/14/2025	
Copper		1.0		497	500.0	0	99.4	80	120	02/14/2025	
Iron		25.0		3980	4000	0	99.4	80	120	02/14/2025	
Lead		1.0		1050	1000	0	104.9	80	120	02/13/2025	
Lithium	*	3.0		1030	1000	0	102.9	80	120	02/14/2025	
Manganese		2.0		1000	1000	0	100.0	80	120	02/14/2025	
Molybdenum		1.5		1110	1000	0	111.4	80	120	02/13/2025	
Nickel		1.0		979	1000	0	97.9	80	120	02/14/2025	
Selenium		1.0		1150	1000	0	114.6	80	120	02/13/2025	
Silver		1.0		98.7	100.0	0	98.7	80	120	02/13/2025	
Thallium		2.0		486	500.0	0	97.2	80	120	02/13/2025	
Vanadium		5.0		974	1000	0	97.4	80	120	02/14/2025	
Zinc		15.0		1000	1000	0	100.4	80	120	02/14/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234430 SampType: MBLK Units µg/L

SampleID: MBLK-234430

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/10/2025
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/10/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/07/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/10/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/07/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/07/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/07/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/07/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/07/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	02/07/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/10/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/10/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/07/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/07/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/07/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/10/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	02/07/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/10/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/07/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/07/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234430		SampType: LCS		Units µg/L							Date Analyzed
SampID: LCS-234430											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		4710	4000	0	117.6	80	120	02/10/2025	
Arsenic		1.0		1190	1000	0	119.3	80	120	02/07/2025	
Beryllium		1.0		109	100.0	0	109.3	80	120	02/07/2025	
Boron		25.0		1040	1000	0	104.0	80	120	02/07/2025	
Cadmium		1.0		116	100.0	0	116.2	80	120	02/07/2025	
Chromium		1.5		461	400.0	0	115.1	80	120	02/07/2025	
Cobalt		1.0		1110	1000	0	110.7	80	120	02/07/2025	
Copper		1.0		551	500.0	0	110.3	80	120	02/07/2025	
Iron		25.0		4470	4000	0	111.9	80	120	02/10/2025	
Lead		1.0	S	1210	1000	0	121.1	80	120	02/10/2025	
Manganese		2.0		1150	1000	0	115.4	80	120	02/07/2025	
Molybdenum		1.5		1070	1000	0	106.8	80	120	02/07/2025	
Nickel		1.0		1100	1000	0	109.8	80	120	02/07/2025	
Selenium		1.0		1100	1000	0	109.8	80	120	02/10/2025	
Silver		1.0		111	100.0	0	110.9	80	120	02/07/2025	
Thallium		2.0		567	500.0	0	113.3	80	120	02/10/2025	
Vanadium		5.0		1150	1000	0	115.1	80	120	02/07/2025	
Zinc		15.0		1140	1000	0	113.6	80	120	02/07/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234436 SampType: MBLK Units µg/L

SampleID: MBLK-234436

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/10/2025
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/10/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/10/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/10/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/10/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/10/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/10/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/10/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/10/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	02/10/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/10/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/10/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	02/10/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/10/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/10/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/10/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/10/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	02/10/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/10/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/10/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/10/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234436		SampType: LCS		Units µg/L							Date Analyzed
SampleID: LCS-234436											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		4270	4000	0	106.7	80	120	02/10/2025	
Antimony		1.0		986	1000	0	98.6	80	120	02/11/2025	
Arsenic		1.0		1060	1000	0	105.9	80	120	02/11/2025	
Barium		1.0		4410	4000	0	110.2	80	120	02/11/2025	
Beryllium		1.0		110	100.0	0	110.0	80	120	02/10/2025	
Boron		25.0		1110	1000	0	111.1	80	120	02/10/2025	
Cadmium		1.0		118	100.0	0	117.8	80	120	02/10/2025	
Cadmium		1.0		112	100.0	0	112.4	80	120	02/11/2025	
Chromium		1.5		405	400.0	0	101.1	80	120	02/10/2025	
Cobalt		1.0		1050	1000	0	104.7	80	120	02/10/2025	
Copper		1.0		515	500.0	0	103.1	80	120	02/10/2025	
Iron		25.0		4120	4000	0	102.9	80	120	02/10/2025	
Lead		1.0		1110	1000	0	111.5	80	120	02/10/2025	
Lithium	*	3.0		1160	1000	0	115.8	80	120	02/10/2025	
Manganese		2.0		1010	1000	0	101.1	80	120	02/10/2025	
Molybdenum		1.5		1080	1000	0	108.3	80	120	02/11/2025	
Nickel		1.0		1030	1000	0	103.1	80	120	02/10/2025	
Selenium		1.0		1060	1000	0	105.7	80	120	02/11/2025	
Thallium		2.0		517	500.0	0	103.4	80	120	02/10/2025	
Vanadium		5.0		1020	1000	0	101.8	80	120	02/10/2025	
Zinc		15.0		956	1000	0	95.6	80	120	02/10/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234436		SampType: MS		Units µg/L							Date Analyzed
SampID: 25011232-036CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		4650	4000	320.0	108.3	75	125		
Antimony		1.0		1010	1000	0	100.7	75	125		
Arsenic		1.0		1070	1000	0	106.9	75	125		
Barium		1.0		4520	4000	57.88	111.5	75	125		
Beryllium		1.0		108	100.0	0	108.0	75	125		
Boron		25.0		1120	1000	13.50	110.5	75	125		
Cadmium		1.0		113	100.0	0	113.4	75	125		
Chromium		1.5		422	400.0	1.049	105.3	75	125		
Cobalt		1.0		1050	1000	0.1895	105.1	75	125		
Copper		1.0		507	500.0	1.486	101.1	75	125		
Iron		25.0		4750	4000	485.3	106.6	75	125		
Lead		1.0		1110	1000	0	110.9	75	125		
Lithium	*	3.0		1110	1000	3.208	110.4	75	125		
Manganese		2.0		1040	1000	9.277	103.5	75	125		
Molybdenum		1.5		1100	1000	0	109.6	75	125		
Nickel		1.0		1010	1000	1.338	101.1	75	125		
Selenium		1.0		1050	1000	0	105.2	75	125		
Silver		1.0		119	100.0	0	118.9	75	125		
Thallium		2.0		510	500.0	0.9540	101.8	75	125		
Vanadium		5.0		1070	1000	0	106.8	75	125		
Zinc		15.0		975	1000	0	97.5	75	125		



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch	234436	SampType:	MSD	Units	µg/L	RPD Limit 20				
SampleID: 25011232-036CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		4510	4000	320.0	104.7	4652	3.16	02/11/2025
Antimony		1.0		1010	1000	0	101.1	1007	0.38	02/11/2025
Arsenic		1.0		1050	1000	0	104.5	1069	2.29	02/11/2025
Barium		1.0		4480	4000	57.88	110.7	4519	0.76	02/11/2025
Beryllium		1.0		106	100.0	0	105.6	108.0	2.32	02/11/2025
Boron		25.0		1120	1000	13.50	110.2	1119	0.26	02/11/2025
Cadmium		1.0		114	100.0	0	113.6	113.4	0.21	02/11/2025
Chromium		1.5		415	400.0	1.049	103.6	422.2	1.64	02/11/2025
Cobalt		1.0		1040	1000	0.1895	104.1	1051	0.94	02/11/2025
Copper		1.0		498	500.0	1.486	99.3	506.8	1.78	02/11/2025
Iron		25.0		4700	4000	485.3	105.3	4750	1.08	02/11/2025
Lead		1.0		1110	1000	0	111.2	1109	0.26	02/11/2025
Lithium	*	3.0		1090	1000	3.208	108.5	1107	1.76	02/11/2025
Manganese		2.0		1030	1000	9.277	102.0	1044	1.43	02/11/2025
Molybdenum		1.5		1100	1000	0	110.1	1096	0.51	02/11/2025
Nickel		1.0		998	1000	1.338	99.6	1012	1.44	02/11/2025
Selenium		1.0		1040	1000	0	103.5	1052	1.59	02/11/2025
Silver		1.0		120	100.0	0	120.1	118.9	0.97	02/11/2025
Thallium		2.0		513	500.0	0.9540	102.4	510.1	0.58	02/11/2025
Vanadium		5.0		1050	1000	0	104.8	1068	1.86	02/11/2025
Zinc		15.0		956	1000	0	95.6	974.7	1.92	02/11/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234436		SampType: MS		Units µg/L						
SampID: 25011232-077BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		957	1000	0	95.7	75	125	02/12/2025
Arsenic		1.0		869	1000	0	86.9	75	125	02/12/2025
Barium		1.0		4400	4000	13.80	109.7	75	125	02/13/2025
Beryllium		1.0		110	100.0	0	110.0	75	125	02/11/2025
Boron		25.0	S	12000	1000	10230	178.0	75	125	02/11/2025
Cadmium		1.0		92.1	100.0	0	92.1	75	125	02/12/2025
Chromium		1.5		409	400.0	0	102.2	75	125	02/11/2025
Cobalt		1.0		1010	1000	0.8685	100.4	75	125	02/11/2025
Lead		1.0		1110	1000	0	111.5	75	125	02/11/2025
Lithium	*	3.0		1140	1000	2.721	113.3	75	125	02/11/2025
Molybdenum		1.5		886	1000	0	88.6	75	125	02/12/2025
Selenium		1.0		822	1000	0	82.2	75	125	02/12/2025
Thallium		2.0		510	500.0	0	102.0	75	125	02/11/2025

Batch 234436		SampType:	MSD	Units µg/L				RPD Limit 20			
SampID: 25011232-077BMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Antimony			1.0		1020	1000	0	102.3	956.9	6.63	02/12/2025
Arsenic			1.0		965	1000	0	96.5	869.0	10.46	02/12/2025
Barium			1.0		4260	4000	13.80	106.3	4401	3.14	02/13/2025
Beryllium			1.0		110	100.0	0	110.1	110.0	0.07	02/11/2025
Boron			25.0		11400	1000	10230	121.4	12020	4.83	02/11/2025
Cadmium			1.0		99.0	100.0	0	99.0	92.13	7.15	02/12/2025
Chromium			1.5		413	400.0	0	103.2	408.6	1.01	02/11/2025
Cobalt			1.0		1040	1000	0.8685	104.0	1005	3.47	02/11/2025
Lead			1.0		1120	1000	0	111.6	1115	0.16	02/11/2025
Lithium	*		3.0		1130	1000	2.721	112.9	1136	0.37	02/11/2025
Molybdenum			1.5		978	1000	0	97.8	885.9	9.87	02/12/2025
Selenium			1.0		916	1000	0	91.6	822.3	10.79	02/12/2025
Thallium			2.0		512	500.0	0	102.4	510.0	0.38	02/11/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234473		SampType: MBLK		Units µg/L							Date Analyzed	
SampID: MBLK-234473												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/12/2025		
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/12/2025		
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/12/2025		
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/12/2025		
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/12/2025		
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/12/2025		
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/12/2025		
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/12/2025		
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/12/2025		
Copper		1.0		< 1.0	0.2980	0	0	-100	100	02/12/2025		
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/12/2025		
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/12/2025		
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	02/18/2025		
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/12/2025		
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/12/2025		
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/12/2025		
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/12/2025		
Silver		1.0		< 1.0	0.1110	0	0	-100	100	02/14/2025		
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/14/2025		
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/12/2025		
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/12/2025		



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch	234473	SampType:	LCS	Units µg/L							
SampleID:		LCS-234473									Date
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Aluminum			25.0		4040	4000	0	101.0	80	120	02/12/2025
Antimony			1.0		1140	1000	0	113.8	80	120	02/12/2025
Arsenic			1.0		1030	1000	0	103.2	80	120	02/12/2025
Barium			1.0		4390	4000	0	109.7	80	120	02/12/2025
Beryllium			1.0		101	100.0	0	100.6	80	120	02/12/2025
Boron			25.0		1040	1000	0	103.5	80	120	02/12/2025
Cadmium			1.0		114	100.0	0	113.8	80	120	02/12/2025
Chromium			1.5		420	400.0	0	105.1	80	120	02/12/2025
Cobalt			1.0		1090	1000	0	108.6	80	120	02/12/2025
Copper			1.0		510	500.0	0	102.1	80	120	02/12/2025
Iron			25.0		4180	4000	0	104.4	80	120	02/12/2025
Lead			1.0		1070	1000	0	106.9	80	120	02/12/2025
Lithium		*	3.0		967	1000	0	96.7	80	120	02/18/2025
Manganese			2.0		1030	1000	0	103.4	80	120	02/12/2025
Molybdenum			1.5		1050	1000	0	104.8	80	120	02/12/2025
Nickel			1.0		1020	1000	0	102.0	80	120	02/12/2025
Selenium			1.0		1060	1000	0	106.1	80	120	02/12/2025
Silver			1.0		119	100.0	0	119.0	80	120	02/18/2025
Thallium			2.0		562	500.0	0	112.4	80	120	02/14/2025
Vanadium			5.0		1020	1000	0	102.4	80	120	02/12/2025
Zinc			15.0		1020	1000	0	102.2	80	120	02/12/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234473		SampType: MS		Units µg/L						
SampID: 25011232-028CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		3840	4000	51.69	94.6	75	125	02/12/2025
Antimony		1.0		1120	1000	0	112.2	75	125	02/12/2025
Arsenic		1.0		971	1000	1.383	97.0	75	125	02/12/2025
Barium		1.0		4350	4000	77.06	106.9	75	125	02/12/2025
Beryllium		1.0		96.4	100.0	0	96.4	75	125	02/12/2025
Boron		25.0		998	1000	0	99.8	75	125	02/12/2025
Cadmium		1.0		107	100.0	0	106.9	75	125	02/12/2025
Chromium		1.5		392	400.0	0	98.1	75	125	02/12/2025
Cobalt		1.0		1010	1000	0.1734	100.8	75	125	02/12/2025
Copper		1.0		457	500.0	0.7826	91.3	75	125	02/12/2025
Iron		25.0		4630	4000	784.3	96.1	75	125	02/12/2025
Lead		1.0		1010	1000	0	100.6	75	125	02/12/2025
Lithium	*	3.0		1050	1000	3.708	104.2	75	125	02/19/2025
Lithium	*	3.0		1110	1000	3.480	110.4	75	125	02/18/2025
Manganese		2.0		1320	1000	375.9	94.2	75	125	02/12/2025
Molybdenum		1.5		999	1000	0	99.9	75	125	02/12/2025
Nickel		1.0		927	1000	0.5130	92.7	75	125	02/12/2025
Selenium		1.0		957	1000	0	95.7	75	125	02/12/2025
Silver		1.0	S	127	100.0	0	126.6	75	125	02/18/2025
Thallium		2.0		578	500.0	0	115.6	75	125	02/14/2025
Vanadium		5.0		977	1000	0	97.7	75	125	02/12/2025
Zinc		15.0		921	1000	0	92.1	75	125	02/12/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch	234473	SampType:	MSD	Units µg/L				RPD Limit 20			
SampID: 25011232-028CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum			25.0		3950	4000	51.69	97.5	3837	2.91	02/12/2025
Antimony			1.0		1160	1000	0	115.7	1122	3.07	02/12/2025
Arsenic			1.0		1010	1000	1.383	100.8	971.5	3.83	02/12/2025
Barium			1.0		4460	4000	77.06	109.6	4354	2.42	02/12/2025
Beryllium			1.0		98.9	100.0	0	98.9	96.44	2.54	02/12/2025
Boron			25.0		1030	1000	0	103.2	997.6	3.38	02/12/2025
Cadmium			1.0		111	100.0	0	111.1	106.9	3.80	02/12/2025
Chromium			1.5		408	400.0	0	102.0	392.4	3.92	02/12/2025
Cobalt			1.0		1040	1000	0.1734	103.9	1008	3.01	02/12/2025
Copper			1.0		478	500.0	0.7826	95.4	457.2	4.46	02/12/2025
Iron			25.0		4830	4000	784.3	101.2	4628	4.33	02/12/2025
Lead			1.0		1020	1000	0	102.3	1006	1.71	02/12/2025
Lithium		*	3.0		1040	1000	3.480	103.4	1108	6.57	02/18/2025
Lithium		*	3.0		1030	1000	3.708	102.2	1046	1.98	02/19/2025
Manganese			2.0		1370	1000	375.9	99.7	1318	4.11	02/12/2025
Molybdenum			1.5		1040	1000	0	103.7	998.9	3.77	02/12/2025
Nickel			1.0		959	1000	0.5130	95.8	927.2	3.33	02/12/2025
Selenium			1.0		998	1000	0	99.8	957.4	4.12	02/12/2025
Silver			1.0		113	100.0	0	112.6	126.6	11.68	02/18/2025
Thallium			2.0		573	500.0	0	114.5	577.9	0.91	02/14/2025
Vanadium			5.0		1010	1000	0	101.3	977.1	3.57	02/12/2025
Zinc			15.0		957	1000	0	95.7	920.6	3.92	02/12/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234473		SampType: MS		Units µg/L						
SampID: 25011232-105BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1160	1000	0	116.3	75	125	02/13/2025
Arsenic		1.0		1070	1000	5.664	106.5	75	125	02/13/2025
Barium		1.0		4480	4000	143.8	108.5	75	125	02/13/2025
Beryllium		1.0		98.1	100.0	0	98.1	75	125	02/13/2025
Boron		25.0		1130	1000	135.1	99.1	75	125	02/13/2025
Cadmium		1.0		113	100.0	0	113.0	75	125	02/13/2025
Chromium		1.5		414	400.0	1.546	103.2	75	125	02/13/2025
Cobalt		1.0		1080	1000	2.386	107.9	75	125	02/13/2025
Lead		1.0		1010	1000	0	100.8	75	125	02/13/2025
Lithium	*	3.0		978	1000	9.249	96.9	75	125	02/18/2025
Molybdenum		1.5		1080	1000	0	107.5	75	125	02/13/2025
Selenium		1.0		1060	1000	0	105.7	75	125	02/13/2025
Thallium		2.0		576	500.0	0	115.2	75	125	02/14/2025

Batch 234473		SampType: MSD	Units µg/L				RPD Limit 20			
SampID: 25011232-105BMSD										Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD
Antimony			1.0		1220	1000	0	121.7	1163	4.46
Arsenic			1.0		1090	1000	5.664	108.3	1071	1.65
Barium			1.0		4700	4000	143.8	113.8	4483	4.67
Beryllium			1.0		99.2	100.0	0	99.2	98.06	1.19
Boron			25.0		1140	1000	135.1	100.6	1126	1.31
Cadmium			1.0		118	100.0	0	117.8	113.0	4.23
Chromium			1.5		419	400.0	1.546	104.2	414.2	1.04
Cobalt			1.0		1080	1000	2.386	108.2	1081	0.32
Lead			1.0		1030	1000	0	102.9	1008	2.00
Lithium	*		3.0		1070	1000	9.249	106.4	978.0	9.29
Molybdenum			1.5		1100	1000	0	110.1	1075	2.37
Selenium			1.0		1070	1000	0	107.0	1057	1.19
Thallium			2.0		566	500.0	0	113.2	576.2	1.77



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234533		SampType: MBLK		Units µg/L							Date Analyzed
SampID: MBLK-234533											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/13/2025	
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/11/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/11/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/11/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/13/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/13/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/11/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/13/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/13/2025	
Copper		1.0		< 1.0	0.2980	0	0	-100	100	02/13/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/13/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/11/2025	
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	02/13/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/13/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/13/2025	
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/13/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/11/2025	
Silver		1.0		< 1.0	0.1110	0	0	-100	100	02/11/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/11/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/13/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/13/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234533		SampType: LCS		Units µg/L							Date Analyzed	
SampID: LCS-234533												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		25.0		4200	4000	0	105.0	80	120	02/13/2025		
Antimony		1.0		1030	1000	0	102.7	80	120	02/11/2025		
Arsenic		1.0		897	1000	0	89.7	80	120	02/11/2025		
Barium		1.0		3870	4000	0	96.7	80	120	02/11/2025		
Beryllium		1.0		94.2	100.0	0	94.2	80	120	02/13/2025		
Boron		25.0		935	1000	0	93.5	80	120	02/13/2025		
Cadmium		1.0		89.2	100.0	0	89.2	80	120	02/11/2025		
Chromium		1.5		413	400.0	0	103.3	80	120	02/13/2025		
Cobalt		1.0		1010	1000	0	100.9	80	120	02/13/2025		
Copper		1.0		497	500.0	0	99.4	80	120	02/13/2025		
Iron		25.0		3950	4000	0	98.8	80	120	02/13/2025		
Lead		1.0		1090	1000	0	108.5	80	120	02/11/2025		
Lithium	*	3.0		1130	1000	0	113.0	80	120	02/17/2025		
Manganese		2.0		1000	1000	0	100.4	80	120	02/13/2025		
Molybdenum		1.5		997	1000	0	99.7	80	120	02/13/2025		
Nickel		1.0		988	1000	0	98.8	80	120	02/13/2025		
Selenium		1.0		1000	1000	0	100.5	80	120	02/11/2025		
Silver		1.0		86.0	100.0	0	86.0	80	120	02/11/2025		
Thallium		2.0		426	500.0	0	85.3	80	120	02/11/2025		
Vanadium		5.0		1000	1000	0	100.1	80	120	02/13/2025		
Zinc		15.0		982	1000	0	98.2	80	120	02/13/2025		



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234593		SampType: MBLK		Units µg/L							Date Analyzed
SampID: MBLK-234593											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/13/2025	
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/13/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/18/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/13/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/13/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/13/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/13/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/13/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/13/2025	
Copper		1.0		< 1.0	0.2980	0	0	-100	100	02/13/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/13/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/13/2025	
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	02/18/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/13/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/13/2025	
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/13/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/13/2025	
Silver		1.0		< 1.0	0.1110	0	0	-100	100	02/13/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/13/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/13/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/13/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234593		SampType: LCS		Units µg/L							Date Analyzed	
SampID: LCS-234593												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		25.0		3650	4000	0	91.3	80	120	02/13/2025		
Antimony		1.0		1050	1000	0	105.0	80	120	02/13/2025		
Arsenic		1.0		1020	1000	0	102.3	80	120	02/18/2025		
Barium		1.0		4000	4000	0	100.1	80	120	02/13/2025		
Beryllium		1.0		89.1	100.0	0	89.1	80	120	02/13/2025		
Boron		25.0		925	1000	0	92.5	80	120	02/13/2025		
Cadmium		1.0		104	100.0	0	104.2	80	120	02/13/2025		
Chromium		1.5		376	400.0	0	94.0	80	120	02/13/2025		
Cobalt		1.0		1010	1000	0	100.6	80	120	02/13/2025		
Copper		1.0		467	500.0	0	93.5	80	120	02/13/2025		
Iron		25.0		3830	4000	0	95.7	80	120	02/13/2025		
Lead		1.0		975	1000	0	97.5	80	120	02/13/2025		
Lithium	*	3.0		1110	1000	0	111.4	80	120	02/18/2025		
Manganese		2.0		949	1000	0	94.9	80	120	02/13/2025		
Molybdenum		1.5		968	1000	0	96.8	80	120	02/13/2025		
Nickel		1.0		931	1000	0	93.1	80	120	02/13/2025		
Selenium		1.0		992	1000	0	99.2	80	120	02/13/2025		
Silver		1.0		102	100.0	0	102.3	80	120	02/13/2025		
Thallium		2.0		462	500.0	0	92.5	80	120	02/13/2025		
Vanadium		5.0		928	1000	0	92.8	80	120	02/13/2025		
Zinc		15.0		930	1000	0	93.0	80	120	02/13/2025		



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234593		SampType: MS		Units µg/L							Date
SampleID: 25011232-055BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1030	1000	0	102.6	75	125	02/13/2025	
Arsenic		1.0		874	1000	0	87.4	75	125	02/18/2025	
Barium		1.0		4040	4000	137.1	97.5	75	125	02/13/2025	
Beryllium		1.0		91.5	100.0	0	91.5	75	125	02/13/2025	
Boron		25.0		985	1000	58.83	92.6	75	125	02/13/2025	
Cadmium		1.0		98.9	100.0	0	98.9	75	125	02/13/2025	
Chromium		1.5		369	400.0	0	92.3	75	125	02/13/2025	
Cobalt		1.0		943	1000	0	94.3	75	125	02/13/2025	
Iron		25.0		7080	4000	3343	93.3	75	125	02/13/2025	
Lead		1.0		904	1000	0	90.4	75	125	02/13/2025	
Lithium	*	3.0		1050	1000	9.895	103.7	75	125	02/18/2025	
Manganese		2.0		1070	1000	154.6	92.0	75	125	02/13/2025	
Molybdenum		1.5		941	1000	1.404	94.0	75	125	02/13/2025	
Selenium		1.0		922	1000	0	92.2	75	125	02/13/2025	
Thallium		2.0		429	500.0	0	85.8	75	125	02/13/2025	

Batch 234593		SampType: MSD		Units µg/L		RPD Limit 20					Date
SampleID: 25011232-055BMSD											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Antimony		1.0		1020	1000	0	101.8	1026	0.77	02/13/2025	
Arsenic		1.0		838	1000	0	83.8	874.3	4.18	02/18/2025	
Barium		1.0		4010	4000	137.1	96.8	4038	0.70	02/13/2025	
Beryllium		1.0		91.4	100.0	0	91.4	91.52	0.16	02/13/2025	
Boron		25.0		952	1000	58.83	89.3	985.3	3.42	02/13/2025	
Cadmium		1.0		97.2	100.0	0	97.2	98.86	1.68	02/13/2025	
Chromium		1.5		365	400.0	0	91.1	369.2	1.27	02/13/2025	
Cobalt		1.0		941	1000	0	94.1	942.7	0.21	02/13/2025	
Iron		25.0		6980	4000	3343	91.0	7076	1.35	02/13/2025	
Lead		1.0		889	1000	0	88.9	904.2	1.67	02/13/2025	
Lithium	*	3.0		951	1000	9.895	94.1	1047	9.60	02/18/2025	
Manganese		2.0		1050	1000	154.6	89.8	1075	2.09	02/13/2025	
Molybdenum		1.5		934	1000	1.404	93.3	941.0	0.73	02/13/2025	
Selenium		1.0		926	1000	0	92.6	921.9	0.46	02/13/2025	
Thallium		2.0		444	500.0	0	88.8	429.2	3.40	02/13/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234593		SampType: MS		Units µg/L							
SampID: 25011232-073BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1080	1000	0	108.2	75	125	02/13/2025	
Arsenic		1.0		879	1000	0	87.9	75	125	02/18/2025	
Barium		1.0		4130	4000	20.96	102.8	75	125	02/13/2025	
Beryllium		1.0		88.7	100.0	0	88.7	75	125	02/13/2025	
Boron		25.0		2620	1000	1704	91.4	75	125	02/13/2025	
Cadmium		1.0		104	100.0	0.6788	103.5	75	125	02/13/2025	
Chromium		1.5		386	400.0	0	96.4	75	125	02/13/2025	
Cobalt		1.0		1070	1000	62.53	101.2	75	125	02/13/2025	
Lead		1.0		942	1000	0	94.2	75	125	02/13/2025	
Lithium	*	3.0		978	1000	17.57	96.1	75	125	02/18/2025	
Molybdenum		1.5		1010	1000	0	100.7	75	125	02/13/2025	
Selenium		1.0		993	1000	0	99.3	75	125	02/13/2025	
Thallium		2.0		443	500.0	0	88.7	75	125	02/13/2025	

Batch 234593		SampType:	MSD	Units µg/L				RPD Limit 20			
SampID: 25011232-073BMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Antimony			1.0		1070	1000	0	107.4	1082	0.66	02/13/2025
Arsenic			1.0		870	1000	0	87.0	878.8	1.05	02/18/2025
Barium			1.0		4090	4000	20.96	101.7	4131	0.99	02/13/2025
Beryllium			1.0		85.8	100.0	0	85.8	88.72	3.41	02/13/2025
Boron			25.0		2570	1000	1704	86.4	2619	1.95	02/13/2025
Cadmium			1.0		103	100.0	0.6788	102.6	104.2	0.86	02/13/2025
Chromium			1.5		379	400.0	0	94.7	385.5	1.78	02/13/2025
Cobalt			1.0		1060	1000	62.53	99.8	1075	1.36	02/13/2025
Lead			1.0		913	1000	0	91.3	942.1	3.12	02/13/2025
Lithium	*		3.0		1010	1000	17.57	99.7	978.2	3.69	02/18/2025
Molybdenum			1.5		990	1000	0	99.0	1007	1.67	02/13/2025
Selenium			1.0		967	1000	0	96.7	992.6	2.63	02/13/2025
Thallium			2.0		440	500.0	0	88.0	443.3	0.75	02/13/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234622 SampType: MBLK Units µg/L

SampID: MBLK-234622

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/14/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/14/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/14/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/14/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/14/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/14/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/14/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/14/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	02/14/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/14/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/14/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/14/2025

Batch 234622 SampType: LCS Units µg/L

SampID: LCS-234622

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1070	1000	0	107.1	80	120	02/14/2025
Arsenic		1.0		981	1000	0	98.1	80	120	02/14/2025
Beryllium		1.0		91.7	100.0	0	91.7	80	120	02/14/2025
Boron		25.0		961	1000	0	96.1	80	120	02/14/2025
Cadmium		1.0		98.3	100.0	0	98.3	80	120	02/14/2025
Chromium		1.5		376	400.0	0	94.0	80	120	02/14/2025
Cobalt		1.0		926	1000	0	92.6	80	120	02/14/2025
Lead		1.0		956	1000	0	95.6	80	120	02/14/2025
Lithium	*	3.0		965	1000	0	96.5	80	120	02/14/2025
Molybdenum		1.5		951	1000	0	95.1	80	120	02/14/2025
Selenium		1.0		1080	1000	0	107.6	80	120	02/14/2025
Thallium		2.0		457	500.0	0	91.4	80	120	02/14/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234691 SampType: MBLK Units µg/L

SampleID: MBLK-234691

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/13/2025
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/13/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/13/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/13/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/13/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/13/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/13/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/13/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/13/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	02/13/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/13/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/13/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	02/13/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	02/13/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/13/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/13/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/13/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	02/13/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/13/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/13/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/13/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234691		SampType: LCS		Units µg/L							Date Analyzed	
SampID: LCS-234691												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		25.0		3610	4000	0	90.3	80	120			
Antimony		1.0		1070	1000	0	107.5	80	120			
Arsenic		1.0		957	1000	0	95.7	80	120			
Barium		1.0		4140	4000	0	103.5	80	120			
Beryllium		1.0		87.6	100.0	0	87.6	80	120			
Boron		25.0		875	1000	0	87.5	80	120			
Cadmium		1.0		107	100.0	0	106.9	80	120			
Chromium		1.5		395	400.0	0	98.6	80	120			
Cobalt		1.0		1040	1000	0	104.1	80	120			
Copper		1.0		491	500.0	0	98.1	80	120			
Iron		25.0		3900	4000	0	97.4	80	120			
Lead		1.0		1020	1000	0	101.6	80	120			
Lithium	*	3.0		900	1000	0	90.0	80	120			
Manganese		2.0		977	1000	0	97.7	80	120			
Molybdenum		1.5		1070	1000	0	106.5	80	120			
Nickel		1.0		969	1000	0	96.9	80	120			
Selenium		1.0		1090	1000	0	108.7	80	120			
Silver		1.0		96.8	100.0	0	96.8	80	120			
Thallium		2.0		474	500.0	0	94.9	80	120			
Vanadium		5.0		983	1000	0	98.3	80	120			
Zinc		15.0		958	1000	0	95.8	80	120			



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234691		SampType: MS		Units µg/L							
SampID: 25011232-068BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1200	1000	0	120.5	75	125	02/14/2025	
Arsenic		1.0		1100	1000	0.5215	109.9	75	125	02/14/2025	
Barium		1.0		4610	4000	16.71	114.9	75	125	02/14/2025	
Beryllium		1.0		101	100.0	0	100.8	75	125	02/14/2025	
Boron		25.0		3980	1000	2903	108.0	75	125	02/17/2025	
Cadmium		1.0		114	100.0	0	113.6	75	125	02/14/2025	
Chromium		1.5		413	400.0	0	103.3	75	125	02/14/2025	
Cobalt		1.0		1070	1000	0.6051	107.0	75	125	02/14/2025	
Lead		1.0		1120	1000	0	112.1	75	125	02/14/2025	
Lithium	*	3.0		1020	1000	14.39	100.2	75	125	02/17/2025	
Molybdenum		1.5		1100	1000	2.504	110.2	75	125	02/14/2025	
Selenium		1.0		1090	1000	0	108.9	75	125	02/14/2025	
Thallium		2.0		533	500.0	0	106.6	75	125	02/14/2025	

Batch 234691	SampType: MSD	Units µg/L							RPD Limit 20	
SampID: 25011232-068BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0	SE	1290	1000	0	128.6	1205	6.48	02/14/2025
Arsenic		1.0		1130	1000	0.5215	113.2	1099	3.04	02/14/2025
Barium		1.0		4840	4000	16.71	120.6	4614	4.76	02/14/2025
Beryllium		1.0		106	100.0	0	105.6	100.8	4.70	02/14/2025
Boron		25.0		4090	1000	2903	118.7	3983	2.66	02/17/2025
Cadmium		1.0		122	100.0	0	122.2	113.6	7.35	02/14/2025
Chromium		1.5		434	400.0	0	108.4	413.4	4.80	02/14/2025
Cobalt		1.0		1120	1000	0.6051	112.4	1071	4.93	02/14/2025
Lead		1.0		1180	1000	0	117.7	1121	4.84	02/14/2025
Lithium	*	3.0		1040	1000	14.39	102.6	1017	2.27	02/17/2025
Molybdenum		1.5		1150	1000	2.504	114.5	1104	3.87	02/14/2025
Selenium		1.0		1130	1000	0	112.8	1089	3.50	02/14/2025
Thallium		2.0		556	500.0	0	111.3	533.0	4.27	02/14/2025



Quality Control Results

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Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234938 SampType: MBLK Units µg/L

SampID: MBLK-234938

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	02/19/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/19/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/19/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	02/19/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/19/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	02/19/2025
Calcium		125		< 125	70.00	0	0	-100	100	02/19/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/20/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/19/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/19/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	02/19/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	02/19/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/19/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	02/19/2025

Batch 234938 SampType: LCS Units µg/L

SampID: LCS-234938

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1150	1000	0	115.2	80	120	02/19/2025
Arsenic		1.0		1040	1000	0	103.8	80	120	02/19/2025
Barium		1.0		4390	4000	0	109.7	80	120	02/19/2025
Beryllium		1.0		100	100.0	0	100.2	80	120	02/19/2025
Boron		25.0		995	1000	0	99.5	80	120	02/19/2025
Cadmium		1.0		106	100.0	0	105.8	80	120	02/19/2025
Calcium		125		5030	5000	0	100.6	80	120	02/19/2025
Chromium		1.5		409	400.0	0	102.3	80	120	02/20/2025
Cobalt		1.0		983	1000	0	98.3	80	120	02/19/2025
Lead		1.0		999	1000	0	99.9	80	120	02/19/2025
Lithium	*	3.0		1060	1000	0	105.8	80	120	02/19/2025
Molybdenum		1.5		1020	1000	0	102.2	80	120	02/19/2025
Selenium		1.0		1030	1000	0	103.2	80	120	02/19/2025
Thallium		2.0		494	500.0	0	98.7	80	120	02/19/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 234938		SampType: MS		Units µg/L						
SampID: 25010461-003BMS										Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Antimony		1.0		1150	1000	0	115.1	75	125	02/19/2025
Arsenic		1.0		1030	1000	0.7213	103.0	75	125	02/19/2025
Barium		1.0		4420	4000	17.13	110.1	75	125	02/19/2025
Beryllium		1.0		101	100.0	0	100.7	75	125	02/19/2025
Boron		25.0		1110	1000	56.38	105.2	75	125	02/24/2025
Cadmium		1.0		106	100.0	0	105.5	75	125	02/19/2025
Calcium		125	S	67100	5000	60590	129.5	75	125	02/19/2025
Chromium		1.5		389	400.0	1.176	97.0	75	125	02/24/2025
Cobalt		1.0		941	1000	0.3973	94.1	75	125	02/19/2025
Lead		1.0		979	1000	0	97.9	75	125	02/19/2025
Lithium	*	3.0		1040	1000	0	104.3	75	125	02/19/2025
Molybdenum		1.5		992	1000	0	99.2	75	125	02/19/2025
Selenium		1.0		1060	1000	1.399	105.7	75	125	02/19/2025
Thallium		2.0		485	500.0	0	97.1	75	125	02/19/2025

Batch 234938	SampType: MSD	Units µg/L				RPD Limit 20				
SampID: 25010461-003BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		1110	1000	0	111.0	1151	3.68	02/19/2025
Arsenic		1.0		1000	1000	0.7213	100.3	1031	2.66	02/19/2025
Barium		1.0		4210	4000	17.13	104.8	4419	4.86	02/19/2025
Beryllium		1.0		97.4	100.0	0	97.4	100.7	3.38	02/19/2025
Boron		25.0		1100	1000	56.38	104.1	1108	1.00	02/24/2025
Cadmium		1.0		100	100.0	0	100.2	105.5	5.15	02/19/2025
Calcium		125	S	62000	5000	60590	28.0	67060	7.86	02/19/2025
Chromium		1.5		387	400.0	1.176	96.4	389.1	0.58	02/24/2025
Cobalt		1.0		917	1000	0.3973	91.7	941.1	2.56	02/19/2025
Lead		1.0		977	1000	0	97.7	978.5	0.13	02/19/2025
Lithium	*	3.0		994	1000	0	99.4	1043	4.79	02/19/2025
Molybdenum		1.5		965	1000	0	96.5	992.5	2.80	02/19/2025
Selenium		1.0		1020	1000	1.399	102.0	1059	3.61	02/19/2025
Thallium		2.0		465	500.0	0	93.0	485.4	4.28	02/19/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 235003 SampType: MBLK Units µg/L

SampID: MBLK-235003

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/20/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/20/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/20/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/20/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	02/20/2025

Batch 235003 SampType: LCS Units µg/L

SampID: LCS-235003

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		947	1000	0	94.7	80	120	02/20/2025
Barium		1.0		4140	4000	0	103.5	80	120	02/20/2025
Boron		25.0		998	1000	0	99.8	80	120	02/20/2025
Lead		1.0		949	1000	0	94.9	80	120	02/20/2025
Selenium		1.0		969	1000	0	96.9	80	120	02/20/2025

Batch 235135 SampType: MBLK Units µg/L

SampID: MBLK-235135

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	02/25/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	02/25/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	02/25/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	02/25/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	02/25/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	02/25/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	02/25/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	02/25/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	02/25/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	02/25/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	02/25/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	02/25/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 235135		SampType: LCS		Units µg/L							
SampID: LCS-235135											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		3580	4000	0	89.6	80	120	02/25/2025	
Arsenic		1.0		963	1000	0	96.3	80	120	02/25/2025	
Barium		1.0		3910	4000	0	97.8	80	120	02/25/2025	
Boron		25.0		941	1000	0	94.1	80	120	02/25/2025	
Chromium		1.5		378	400.0	0	94.4	80	120	02/25/2025	
Cobalt		1.0		1010	1000	0	101.4	80	120	02/25/2025	
Copper		1.0		464	500.0	0	92.9	80	120	02/25/2025	
Iron		25.0		3720	4000	0	93.1	80	120	02/25/2025	
Lead		1.0		962	1000	0	96.2	80	120	02/25/2025	
Nickel		1.0		913	1000	0	91.3	80	120	02/25/2025	
Vanadium		5.0		920	1000	0	92.0	80	120	02/25/2025	
Zinc		15.0		882	1000	0	88.2	80	120	02/25/2025	

Batch 235398		SampType: MBLK		Units µg/L							
SampID: MBLK-235398											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	03/03/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	03/03/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100	03/03/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	03/03/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	03/04/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	03/03/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	03/03/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	03/03/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	03/03/2025	
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	03/03/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	03/03/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	03/03/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	03/03/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

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

Batch 235398		SampType: LCS		Units µg/L							
SampID: LCS-235398											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1030	1000	0	103.3	80	120	03/03/2025	
Arsenic		1.0		966	1000	0	96.6	80	120	03/03/2025	
Barium		1.0		4050	4000	0	101.2	80	120	03/03/2025	
Beryllium		1.0		94.4	100.0	0	94.4	80	120	03/03/2025	
Boron		25.0		916	1000	0	91.6	80	120	03/04/2025	
Cadmium		1.0		98.8	100.0	0	98.8	80	120	03/03/2025	
Chromium		1.5		384	400.0	0	96.1	80	120	03/03/2025	
Cobalt		1.0		941	1000	0	94.1	80	120	03/04/2025	
Lead		1.0		924	1000	0	92.4	80	120	03/03/2025	
Lithium	*	3.0		986	1000	0	98.6	80	120	03/03/2025	
Molybdenum		1.5		999	1000	0	99.9	80	120	03/03/2025	
Selenium		1.0		953	1000	0	95.3	80	120	03/03/2025	
Thallium		2.0		463	500.0	0	92.7	80	120	03/03/2025	

SW-846 7470A (DISSOLVED)

Batch 234428		SampType: MS		Units µg/L							
SampID: 25011232-007DMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		4.49	5.000	0	89.9	75	125	02/07/2025	

Batch 234428		SampType: MSD		Units µg/L				RPD Limit 15			Date Analyzed	
SampID: 25011232-007DMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Mercury		0.20		4.57	5.000	0	91.5	4.493	1.80	02/07/2025		

Batch 234428		SampType: MS		Units µg/L							
SampID: 25011232-009CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.62	5.000	0	92.4	75	125	02/07/2025	

Batch 234428		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-009CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.50	5.000	0	90.1	4.622	2.61	02/07/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 7470A (DISSOLVED)

Batch 234429		SampType: MS		Units µg/L							
SampID: 25011232-010CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		5.16	5.000	0	103.2	75	125	02/08/2025	

Batch 234429		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-010CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		5.08	5.000	0	101.5	5.159	1.64	02/08/2025

Batch 234840		SampType: MBLK		Units µg/L							
SampID: MBLK-234840											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	02/17/2025	

Batch 234840		SampType: LCS		Units µg/L							
SampID: LCS-234840											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		4.42	5.000	0	88.4	85	115	02/17/2025	

SW-846 7470A (TOTAL)

Batch 234428		SampType: MBLK		Units µg/L							
SampID: MBLK-234428											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	02/07/2025	

Batch 234428		SampType: LCS		Units µg/L							
SampID: LCS-234428											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		4.43	5.000	0	88.6	85	115	02/07/2025	

Batch 234429		SampType: MBLK		Units µg/L							
SampID: MBLK-234429											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	02/08/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 7470A (TOTAL)

Batch 234429		SampType: LCS		Units µg/L							
SampID: LCS-234429											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.85	5.000	0	97.0	85	115	02/08/2025	

Batch 234429		SampType: MS		Units µg/L							
SampID: 25011232-037CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.19	5.000	0	103.9	75	125	02/08/2025	

Batch 234429		SampType: MSD		Units µg/L				RPD Limit 15				Date Analyzed
SampID: 25011232-037CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury			0.20		4.98	5.000	0	99.6	5.193	4.18	02/08/2025	

Batch 234476		SampType: MBLK		Units µg/L							
SampID: MBLK-234476											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	02/08/2025	

Batch 234476		SampType: LCS		Units µg/L							
SampID: LCS-234476											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.79	5.000	0	95.9	85	115	02/08/2025	

Batch 234476		SampType: MS		Units µg/L								
SampID: 25011232-025CMS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Mercury		0.20		4.93	5.000	0	98.5	75	125	02/08/2025		

Batch 234476		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-025CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.20		4.91	5.000	0	98.2	4.925	0.26	02/08/2025	

Batch 234476		SampType: MS		Units µg/L							
SampID: 25011232-039CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20	S	3.52	5.000	0	70.5	75	125	02/08/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 7470A (TOTAL)

Batch 234476		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-039CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20	S	3.39	5.000	0	67.8	3.524	3.89	02/08/2025

Batch 234483		SampType: MBLK		Units µg/L							
SampID: MBLK-234483											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	02/10/2025	

Batch 234483		SampType: LCS		Units µg/L							
SampID: LCS-234483											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.90	5.000	0	98.0	85	115	02/10/2025	

Batch 234483		SampType: MS		Units µg/L							
SampID: 25011232-029BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		5.15	5.000	0.05560	101.8	75	125	02/10/2025	

Batch 234483		SampType: MSD		Units µg/L		RPD Limit 15					
SampID: 25011232-029BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		5.07	5.000	0.05560	100.4	5.148	1.46	02/10/2025

Batch 234520		SampType: MS		Units µg/L							
SampID: 25011232-046CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.14	5.000	0	102.7	75	125	02/10/2025	

Batch 234520		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-046CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		5.25	5.000	0	105.1	5.135	2.26	02/10/2025

Batch 234520		SampType: MS		Units µg/L							
SampID: 25011232-054BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.10	5.000	0	101.9	75	125	02/10/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 7470A (TOTAL)

Batch 234520		SampType: MSD		Units µg/L				RPD Limit 15			Date Analyzed	
SampID: 25011232-054BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury			0.20		4.84	5.000	0	96.8	5.097	5.17	02/10/2025	

Batch 234564		SampType: MBLK		Units µg/L							
SampID: MBLK-234564											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	02/12/2025	

Batch 234564		SampType: LCS		Units µg/L							
SampID: LCS-234564											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		4.70	5.000	0	94.0	85	115	02/12/2025	

Batch 234564		SampType: MS		Units µg/L							
SampID: 25011232-081BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.77	5.000	0	95.5	75	125	02/12/2025	

Batch 234564		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-081BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.63	5.000	0	92.6	4.774	3.01	02/12/2025

Batch 234608		SampType: MBLK		Units µg/L							
SampID: MBLK-234608											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	02/12/2025	

Batch 234608		SampType: LCS		Units µg/L							
SampID: LCS-234608											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.80	5.000	0	95.9	85	115	02/13/2025	

Batch 234608		SampType: MS		Units µg/L							
SampID: 25011232-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.47	5.000	0	89.3	75	125	02/12/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 7470A (TOTAL)

Batch 234608		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-001BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.20		4.48	5.000	0	89.6	4.466	0.35	02/12/2025	

Batch 234608		SampType: MS		Units µg/L							
SampID: 25011232-060BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		4.30	5.000	0	86.1	75	125	02/12/2025	

Batch 234608		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-060BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.20	5.000	0	83.9	4.303	2.51	02/12/2025

Batch 234613		SampType: MBLK		Units µg/L							
SampID: MBLK-234613											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	02/12/2025	

Batch 234613		SampType: LCS		Units µg/L							
SampID: LCS-234613											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.26	5.000	0	85.2	85	115	02/12/2025	

Batch 234613		SampType: MS		Units µg/L							
SampID: 25011232-051CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20	S	3.38	5.000	0	67.6	75	125	02/12/2025	

Batch 234613		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-051CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20	S	3.37	5.000	0	67.4	3.379	0.27	02/12/2025

Batch 234613		SampType: MS		Units µg/L							
SampID: 25011232-100CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.77	5.000	0	95.5	75	125	02/12/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 7470A (TOTAL)

Batch 234613		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-100CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.20		4.46	5.000	0	89.2	4.775	6.81	02/12/2025	

Batch 234700		SampType: MBLK		Units µg/L							
SampID: MBLK-234700											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	02/14/2025	

Batch 234700		SampType: LCS		Units µg/L							
SampID: LCS-234700											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.13	5.000	0	102.5	85	115	02/14/2025	

Batch 234700		SampType: MS		Units µg/L							
SampID: 25011232-042CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.34	5.000	0	106.8	75	125	02/14/2025	

Batch 234700		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25011232-042CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		5.06	5.000	0	101.2	5.339	5.39	02/14/2025

Batch 234840		SampType: MS		Units µg/L							
SampID: 25011232-093BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20	S	1.82	5.000	0	36.5	75	125	02/17/2025	

Batch 234840		SampType: MSD		Units µg/L		RPD Limit 15					Date Analyzed	
SampID: 25011232-093BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury			0.20	S	1.61	5.000	0	32.2	1.825	12.48	02/17/2025	

Batch 235426		SampType: MBLK		Units µg/L							
SampID: MBLK-235426											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	03/03/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

SW-846 7470A (TOTAL)

Batch 235426		SampType: LCS		Units µg/L							
SampID: LCS-235426											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		4.89	5.000	0	97.7	85	115	03/03/2025	

Batch 235426		SampType: MS		Units µg/L							
SampID: 25011232-063BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.66	5.000	0.7278	98.6	75	125	03/03/2025	

Batch 235426		SampType: MSD		Units µg/L						RPD Limit 15		Date Analyzed
SampID: 25011232-063BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury			0.20		5.49	5.000	0.7278	95.2	5.660	3.09	03/03/2025	



Receiving Check List

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011232

Client Project: COF-25Q1

Report Date: 14-Mar-25

Carrier: Justin Colp

Received By: AMD

Completed by:

On:

05-Feb-25

Amber Dilallo

Reviewed by:

On:

13-Feb-25

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 3.3
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☒	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

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

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

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

Samples were received on 2/4/25 at 1640 on ice [3.3C, 12.7C, 11.7C, 10.7C, and 13.1C - LTG#5]. pH strip #98858/101358. - amberdilallo - 2/5/2025 8:36:38 AM

Samples were received on 2/5/25 at 15.20 on ice 1.2C, 3.3C, 5.5C, 10.5C - LTG#5. pH#101358/98858. Added nitric acid (102194) to G107, G275D. Added sodium hydroxide (102642) to G107- JD/lhenson - 2/6/2025 8:30:12 AM

Samples were received on 2/6/25 at 16.45 on ice [4.9C, 5.3C, 8.7C, 10.7C, 11.1C, 11.7C - LTG#5]. pH# 101358/98858. Added nitric acid (102194) to G314D, G314D DUP. Added sodium hydroxide (102642) to G 278. - lhenson - 2/7/2025 8:40:35 AM

Samples were received on 2/7/25 at 11:50 on ice [6.3, 3.5C - LTG#5]. - pschultz - 2/7/2025 1:55:02 PM
pH strip #98858/101358. - pschultz - 2/7/2025 1:55:08 PM

Samples were received on 2/10/25 at 1605 on ice [5.9 and 9.7C - LTG#5]. Additional Nitric Acid (102194) was needed upon arrival at the laboratory for G303, G316 and G303 Dup. pH strip #98858/101358. - JD/amberdilallo - 2/10/2025 4:57:03 PM

Samples were received on 02/11/25 at 13.00 on ice [temp4.9C, 5.7C - LTG#9]. pH strip#101358/98858. Added nitric acid (102194) to G285/G313/L201/L202/L203. Added sodium hydroxide (102642) to G270/G271. -CF/ lhenson - 2/11/2025 4:02:31 PM

Samples were received on 2/28/25 at 1150 on ice [11.7C - LTG#5]. pH strip #101358. - NR/amberdilallo - 2/28/2025 12:33:20 PM

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

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[illegible]

pH ✓ 98858/101358
Um 2/5/25

3.3, 12.7, 11.7, 10.7, 13.1
LTC5

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

Page: 2 of 7

SAMPLE ID

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed
(MM/DD/YY):

2-7-7x

Temp in °C

Received on
Ice (Y/N)Custody
SealedSamples
Intact (Y/N)

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

Page: 3 of 7

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Csp					
SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YY): 7-4-25					

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

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ITEM #	Section D Required Client Information	Valid Matrix Codes DRINKING WATER DW WATER WT WASTE WW WATER PRODUCT P SOIL/SOLID SL OIL OL WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)										Project No./ Lab I.D.							
											Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104				COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)
1	G411	WT	G							4	1		2		1									X											25011232-081		
2	L201	WT	G							2	1		1																						25011232-082		
3	L202	WT	G							2	1		1																						25011232-083		
4	L203	WT	G							2	1		1																						25011232-084		
5	NE Riser	WT	G							3	1		2																						25011232-085		
6	R104	WT	G							7	2	2	2		1																				25011232-086		
7	R201	WT	G							6	2	1	2		1																				25011232-087		
8	R205	WT	G							6	2	1	2		1																				25011232-088		
9	SG-02	WT	G							0																										25011232-089	
10	SG-03	WT	G							0																										25011232-090	
11	T127	WT	G							6	2	1	2		1																				25011232-091		
12	T128	WT	G							5	2	1	1		1																				25011232-092		
13	X201	WT	G							2	1		1																						25011232-093		
14	XPW01	WT	G							2	1		1																						25011232-094		
15	XPW02	WT	G							2	1		1																						25011232-095		
16	XSG-01	WT	G							0																										25011232-096	
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION			DATE		TIME		SAMPLE CONDITIONS																					
COF-25Q1 Rev 2		J. Gop			2-7		1640		Sharon Ockler			2/4/5		1640		y z																					

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Cobb					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 2-4-25				

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Page: 7 of 7

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Cop					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 2-4-25				

25011232

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:		Page: 1 of 7	
Company: Vistra Corp-Coffee		Report To: Brian Voelker		Attention: Brian Voelker			
Address: 134 CIPS Lane		Copy To: Rich Speraneo: Richard.Speraneo@vistracorp.com		Company Name: Vistra Corp			
Coffee, IL 62017		Jason Grieve: Jason.Grieve@vistracorp.com		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		REGULATORY AGENCY	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		NPDES GROUND WATER DRINKING WATER	
Requested Due Date/TAT: 10 day		Project Number: 1940106781-003		Profile #:		UST RCRA OTHER	
						Site Location: IL	
						STATE:	

ITEM #	Section D Required Client Information	Valid matrix Codes MATRIX DRINKING WATER DW WATER WT WASTE WW WATER PRODUCT P SOIL/SOLID SL OIL WP WPE AR AIR OT OTHER TS TISSUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓ Analysis Test ↓	Requested Analysis Filtered (Y/N)																Residual Chlorine (Y/N)	Project No./ Lab I.D.
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	COF-257-101	COF-257-102		COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106						
1	AP2D		WT	G				2	1		1									X															25011232-001		
2	G1001		WT	G				2	1		1									X														25011232-002			
3	G1003		WT	G				2	1		1									X														25011232-003			
4	G101		WT	G				5	2	1	1		1																					25011232-004			
5	G102		WT	G	2-5-25	840		7	2	2	2		1																					25011232-005			
6	G103		WT	G				7	2	2	2		1																					25011232-006			
7	G105		WT	G				7	2	2	2		1																					25011232-007			
8	G106		WT	G				7	2	2	2		1																					25011232-008			
9	G107		WT	G	2-5-25	1111		5	2	1	1		1																					25011232-009			
10	G108	2-5-25	WT	G	2-5-25	922		5	2	1	1		1																					25011232-010			
11	G109		WT	G	2-5-25	950		5	2	1	1		1																					25011232-011			
12	G110		WT	G	2-5-25	1012		6	2	1	2		1																					25011232-012			
13	G111		WT	G	2-5-25	1050		5	2	1	1		1																					25011232-013			
14	G119		WT	G				5	2	1	1		1																					25011232-014			
15	G120		WT	G				6	2	1	2		1																					25011232-015			
16	G121		WT	G				5	2	1	1		1																					25011232-016			
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS																			
COF-25Q1 Rev 2			2-5-25			2-5		1520		2-5-25				2/5		1520		2-5-25																			

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
COF-25Q1 Rev 2		[Signature]		2-5	1520	[Signature]		2/5	1520	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 A. Hillman
 SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YY): 2-5-25

Added HNO₃ (102194)
 G107, G2750
 NaOH (102642) G107
 PH 98858, 101358 50
 Temps 1.2C
 3.3C
 5.5C
 10.5C
 UTG 5

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[illegible]

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: <i>Bret Gillihen</i>					
SIGNATURE OF SAMPLER: <i>Bret Gillihen</i>	DATE Signed (MM/DD/YY): <i>2-5-15</i>				

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

Invoice Information:

Company: Vistra Corp-Coffeeen		Report To: Brian Voelker	Invoice Information:
Address: 134 CIPS Lane		Copy To: Rich Speraneo: Richard.Speraneo@visstracorp.com	Attention: Brian Voelker
Coffeeen, IL 62017		Jason Grieve: Jason.Grieve@visstracorp.com	Company Name: Vistra Corp
Email To: Brian.Voelker@VistraCorp.com			Address: see Section A
Phone: (217) 753-8911	Fax:	Purchase Order No.:	Quote Reference:
		Project Name:	Project Manager:
Requested Due Date/TAT: 10 day		Project Number: 1940106781-003	Profile #:

14

[illegible]

25-25

Samples	Intact (Y/N)
1	
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Page: 5 of 7

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Brett Gillihen					
SIGNATURE of SAMPLER: 	DATE Signed (MM/DD/YY): 2-5-25				

COF-845-104
25011232

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:		Page: 7 of 7	
Company: Vistra Corp-Coffeen		Report To: Brian Voelker		Attention: Brian Voelker			
Address: 134 CIPS Lane Coffeen, IL 62017		Copy To: 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		REGULATORY AGENCY	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		NPDES GROUND WATER DRINKING WATER	
Requested Due Date/TAT: 10 day		Project Number: 1940106781-003		Project Manager:		UST RCRA OTHER	
				Profile #:		Site Location	
						STATE: IL	

ITEM #	Section D Required Client Information	Matrix Codes	MATRIX	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analysis Filtered (Y/N)																Project No. / Lab I.D.	
								COLLECTED										Analysis Test																	
								Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	COF-257-101	COF-257-102		COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)				
1	Field Blank	WT	G				8	5	1	1	1							X	X	X	X	X	X	X	X	X	X	X	X	X	X	25011232-097			
2	G108 Duplicate	WT	G	2-5-25	922		5	2	1	1	1																					25011232-098			
3	G125 Duplicate	WT	G				6	2	1	2	1																					25011232-099			
4	G207 Duplicate	WT	G				6	2	1	2	1																					25011232-100			
5	G217 Duplicate	WT	G				6	2	1	2	1																					25011232-101			
6	G278 Duplicate	WT	G				6	2	1	2	1																					25011232-102			
7	G303 Duplicate	WT	G				2	1	1									X														25011232-103			
8	G314D Duplicate	WT	G				2	1	1									X														25011232-104			
9	G410 Duplicate	WT	G				4	1	2	2	1																					25011232-105			
10	R104 Duplicate	WT	G				7	2	2	2	1																					25011232-106			
11	T128 Duplicate	WT	G				5	2	1	1	1																					25011232-107			
12	Equipment Blank 1	WT	G				8	5	1	1	1							X	X	X	X	X	X	X	X	X	X	X	X	X	X	25011232-108			
13	Equipment Blank 2	WT	G				8	5	1	1	1							X	X	X	X	X	X	X	X	X	X	X	X	X	X	25011232-109			
14	Equipment Blank 3	WT	G				8	5	1	1	1							X	X	X	X	X	X	X	X	X	X	X	X	X	X	25011232-110			
15																																			
16																																			

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
COF-25Q1 Rev 2		[Signature]		2-5	1520	[Signature]		2/5	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: Brett Gillman													
SIGNATURE of SAMPLER: [Signature]													
DATE Signed (MM/DD/YYYY): 02-5-25													

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Invoice information:

Company: Vistra Corp-Coffeeen		Report To: Brian Voelker	Attention: Brian Voelker	REGULATORY AGENCY		
Address: 134 CIPS Lane		Copy To: Rich Speraneo: Richard.Speraneo@vistracorp.com	Company Name: Vistra Corp			
Coffeeen, IL 62017		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	IL	
Requested Due Date/TAT: 10 day		Project Number: 1940106781-003	Profile #:	STATE:		

ITEM #	Section D Required Client Information	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Matrix Codes Drinking Water DW Water WT Waste WW Water Product SOL/SOLU OL Oil WP Air AR Other TS Tissue TISUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								$\downarrow$ Analysis Test $\uparrow$	Requested Analysis Filtered (Y/N)																	Project No./ Lab I.D.		
												Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)					
1		AP2D	WT	C							2	1	1						X																		25011232-001			
2		G1001	WT	G							2	1	1						X																	25011232-002				
3		G1003	WT	C							2	1	1						X																	25011232-003				
4		G101	WT	G							5	2	1	1	1																					25011232-004				
5		G102	WT	G							7	2	2	2	2	1																				25011232-005				
6		G103	WT	G							7	2	2	2	2	1																				25011232-006				
7		G105	WT	G							7	2	2	2	2	1																				25011232-007				
8		G106	WT	G							7	2	2	2	2	1																				25011232-008				
9		G107	WT	G							5	2	1	1	1	1																				25011232-009				
10		G108	WT	C							5	2	1	1	1	1																				25011232-010				
11		G109	WT	G							5	2	1	1	1	1																				25011232-011				
12		G110	WT	G							6	2	1	2	1	1																				25011232-012				
13		G111	WT	G							5	2	1	1	1	1																				25011232-013				
14		G119	WT	G							5	2	1	1	1	1																				25011232-014				
15		G120	WT	S							6	2	1	2	1	1																				25011232-015				
16		G121	WT	G							5	2	1	1	1	1																				25011232-016				
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																											
COF-25Q1 Rev 2			J. Colp			7-6	1645	[Signature]			7/10	1645																												

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 Gillik					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 8-6-25				

PH 101358/98858

Added H053 (102194)
G314D, G314D
Dup

Added NaOH (102642)
G 278

4.9C
5.3C
8.7C
10.7C
11.1C
511.7C

Utg 5 -

JP 2/7/25 U-7 C

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Page: 2 of 7

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Brett Gillihan					
SIGNATURE of SAMPLER: <i>Brett Gillihan</i>	DATE Signed (MM/DD/YY): 2-6-25				

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

ITEM #	Section D Required Client information	Valid Matrix Codes DRINKING WATER DW WATER WASTE WW WATER P PRODUCT SL SOIL/SOLID OL WP AIR OT OTHER TS TRESUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N ↓ Analysis Test ↑	Requested Analysis Filtered (Y/N)																Project No./ Lab I.D.		
					DATE	TIME			Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)				
1	G210		WT	G	2-6-25	1150		6	2	1	2		1												X			25011232-033								
2	G211		WT	G				6	2	1	2		1												X			25011232-034								
3	G212		WT	G				6	2	1	2		1												X			25011232-035								
4	G213		WT	G				6	2	1	2		1							X				X	X			25011232-036								
5	G214		WT	G				6	2	1	2		1												X			25011232-037								
6	G215		WT	G				6	2	1	2		1												X			25011232-038								
7	G216		WT	G				6	2	1	2		1												X			25011232-039								
8	G217		WT	G				6	2	1	2		1												X			25011232-040								
9	G218		WT	G				6	2	1	2		1												X			25011232-041								
10	G270		WT	G				6	2	1	2		1											X	X	X		25011232-042								
11	G271		WT	G				6	2	1	2		1												X	X		25011232-043								
12	G272		WT	G				6	2	1	2		1												X			25011232-044								
13	G273		WT	G				6	2	1	2		1												X	X		25011232-045								
14	G274		WT	G				6	2	1	2		1												X	X		25011232-046								
15	G275		WT	G				6	2	1	2		1												X	X		25011232-047								
16	G275D		WT	G				4	1		2	1													X	X		25011232-048								
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																							
COF-25Q1 Rev 2			J. Cole			7-6	1645	[Signature]			7/6	1645	> z																							

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <u>Breth Sullivan</u>					
SIGNATURE of SAMPLER: <u>[Signature]</u>	DATE Signed (MM/DD/YY): <u>2-6-25</u>				

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

[illegible]

Confidential

Page: 5 of 7

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

invoice information:

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

Confidential

25011232

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: Rich Speraneo: Richard.Speraneo@vistracorp.com
Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:
Project Name:
Project Number: 1940106781-003

Section C

Invoice Information:

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

Page: 7 of 7

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location

STATE:

IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX DRINKING WATER DW WATER WT WASTE WW WATER WASTE P PRODUCT SL SOIL/SOLID OL WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	Requested Analysis Filtered (Y/N)																Project No./ Lab I.D.
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)		
1	Field Blank		WT	G				8	5	1	1	1						X	X	X	X	X	X	X	X	X	X	X	X	X	X	25011232-097		
2	G108 Duplicate		WT	G				5	2	1	1	1																				25011232-098		
3	G125 Duplicate		WT	G				6	2	1	2	1																				25011232-099		
4	G207 Duplicate		WT	G				6	2	1	2	1																				25011232-100		
5	G217 Duplicate		WT	G				6	2	1	2	1																				25011232-101		
6	G278 Duplicate		WT	G				6	2	1	2	1																				25011232-102		
7	G303 Duplicate		WT	G				2	1	1	1							X														25011232-103		
8	G314D Duplicate		WT	G	2-6-25	1431		2	1	1	1							X														25011232-104		
9	G410 Duplicate		WT	G	2-6-25	1337		4	1	2	2	1																				25011232-105		
10	R104 Duplicate		WT	G				7	2	2	2	1																				25011232-106		
11	T128 Duplicate		WT	G				5	2	1	1	1																				25011232-107		
12	Equipment Blank 1		WT	G				8	5	1	1	1						X	X	X	X	X	X	X	X	X	X	X	X	X	X	25011232-108		
13	Equipment Blank 2		WT	G				8	5	1	1	1						X	X	X	X	X	X	X	X	X	X	X	X	X	X	25011232-109		
14	Equipment Blank 3		WT	G				8	5	1	1	1						X	X	X	X	X	X	X	X	X	X	X	X	X	X	25011232-110		
15																																		
16																																		

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION

DATE

TIME

ACCEPTED BY / AFFILIATION

DATE

TIME

SAMPLE CONDITIONS

COF-25Q1 Rev 2

J. G. G.

2-6

1645

[Signature]

2/6

1645

Y

Z

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

Brett Gillihan

SIGNATURE OF SAMPLER:

[Signature]

DATE Signed

(MM/DD/YY): 2-6-25

Temp in °C

Received on Ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)

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Page: 3 of 7

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX DRINKING WATER DW WATER WT WASTE P PRODUCT SOL/SOLID OL OIL WP WPE AR AIR OT OTHER TS	Matrix Code (see valid codes to left)	Sample Type (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives									Analysis Test ↓ Y/N ↓	Requested Analysis Filtered (Y/N)														
					DATE	TIME			Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	COF-257-101		COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-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		25011232-033						
2	G211	WT	G				6	2	1	2		1												X		25011232-034							
3	G212	WT	G				6	2	1	2		1														25011232-035							
4	G213	WT	G				6	2	1	2		1								X		X		X		25011232-036							
5	G214	WT	G				6	2	1	2		1								X		X		X		25011232-037							
6	G215	WT	G				6	2	1	2		1												X		25011232-038							
7	G216	WT	G				6	2	1	2		1												X		25011232-039							
8	G217	WT	G				6	2	1	2		1								X		X		X		25011232-040							
9	G218	WT	G	2-7-25	901		6	2	1	2		1								X		X		X		25011232-041							
10	G270	WT	G				6	2	1	2		1							X		X		X	X	X	25011232-042							
11	G271	WT	G				6	2	1	2		1									X	X		X		25011232-043							
12	G272	WT	G				6	2	1	2		1												X		25011232-044							
13	G273	WT	G				6	2	1	2		1												X		25011232-045							
14	G274	WT	G				6	2	1	2		1									X	X		X		25011232-046							
15	G275	WT	G				6	2	1	2		1									X	X		X		25011232-047							
16	G275D	WT	G				4	1		2	1										X	X				25011232-048							
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																					
COF-25Q1 Rev 2		JL SO			2-7	1150	Pearl City			2-7	1150																						

6.3, 3.5 #5 Ice
PH 98858
101358
JD 2/7/25

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Page: 4 of 7

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Page: 6 of 7

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX DRINKING WATER DW WATER WT WASTE WW WATER P PRODUCT SL SOIL/SOLID OL WP AR OT TS OTHER TISSUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)										Project No./ Lab I.D.					
					DATE	TIME			Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104		COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)
1	G411		WT	G	2-7-25	959		4	1	2	1													X			25011232-081						
2	L201		WT	G				2	1	1																	25011232-082						
3	L202		WT	G				2	1	1																	25011232-083						
4	L203		WT	G				2	1	1																	25011232-084						
5	NE Riser		WT	G				3	1	2																	25011232-085						
6	R104		WT	G				7	2	2	2	1															25011232-086						
7	R201		WT	G				6	2	1	2	1															25011232-087						
8	R205		WT	G				6	2	1	2	1															25011232-088						
9	SG-02		WT	G				0																			25011232-089						
10	SG-03		WT	G				0																			25011232-090						
11	T127		WT	G				6	2	1	2	1															25011232-091						
12	T128		WT	G				5	2	1	1	1															25011232-092						
13	X201		WT	G				2	1	1																	25011232-093						
14	XPW01		WT	G				2	1	1																	25011232-094						
15	XPW02		WT	G				2	1	1																	25011232-095						
16	XSG-01		WT	G				0																			25011232-096						
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																				
COF-25Q1 Rev 2			Jil SO			2-7	1150	June 2025			2-7	1150																					

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Page: 1 of 7

[illegible]

Added 4NO3 (102194) G 303, G 316, G 303 Dup
 PH 101358 5.9, 9.7 #5
 98854

JD 2/10/25

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Page: 2 of 7

[illegible]

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Invoice Information:

Page: 4 of 7

Company: Vistra Corp-Coffeeen		Report To: Brian Voelker		Invoice Information:		Page: 4 of 7	
Address: 134 CIPS Lane		Copy To: Rich Speraneo: Richard.Speraneo@vistracorp.com		Attention: Brian Voelker		REGULATORY AGENCY	
Coffeeen, IL 52017		Jason Grieve: Jason.Grieve@vistracorp.com		Company Name: Vistra Corp			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911 Fax		Project Name:		Quote Reference:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day		Project Number: 1940106781-003		Project Manager:		Site Location	
				Profile #:		STATE: IL	

[illegible]

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COF-845-104
25011232

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A

Required Client Information:

Section B

Required Project Information:

Section C

Invoice Information:

Page: **6** of **7**

Company: Vistra Corp-Coffeen		Report To: Brian Voelker		Attention: Brian Voelker	
Address: 134 CIPS Lane		Copy To: Rich Speraneo: Richard.Speraneo@vistracorp.com		Company Name: Vistra Corp	
Coffeen, IL 62017		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: 1940106781-003		Profile #:	

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

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / .-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	Requested Analysis Filtered (Y/N)												Project No./ Lab I.D.						
		MATRIX				DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102		COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)			
		DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WPE AIR OTHER TISSUE	DW WT WW P SL WP AR OT TS																																		
1	G411	WT	G						4	1	2	1																								25011232-081	
2	L201	WT	G						2	1	1																								25011232-082		
3	L202	WT	G						2	1	1																								25011232-083		
4	L203	WT	G						2	1	1																								25011232-084		
5	NE Riser	WT	G						3	1	2																								25011232-085		
6	R104	WT	G						7	2	2	2	1																						25011232-086		
7	R201	WT	G						6	2	1	2	1																						25011232-087		
8	R205	WT	G						6	2	1	2	1																						25011232-088		
9	SG-02	WT	G						0																											25011232-089	
10	SG-03	WT	G						0																											25011232-090	
11	T127	WT	G						6	2	1	2	1																						25011232-091		
12	T128	WT	G						5	2	1	1	1																						25011232-092		
13	X201	WT	G						2	1	1																									25011232-093	
14	XPW01	WT	G						2	1	1																									25011232-094	
15	XPW02	WT	G						2	1	1																									25011232-095	
16	XSG-01	WT	G						0																												25011232-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-25Q1 Rev 2	<i>[Signature]</i>	2-10	1605	<i>[Signature]</i>	2-10-25	1605				

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: <i>[Signature]</i>	DATE Signed (MM/DD/YY): 2-10-25				

Page: 7 of 7

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Invoice Information:

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

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: <i>Brett Gillman</i>					
SIGNATURE of SAMPLER: <i>Brett Gillman</i>	DATE Signed (MM/DD/YY): <i>2-10-25</i>				

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CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 7	
Company: Vistra Corp-Coffeen		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL STATE:	
Address: 134 CIPS Lane		Copy To: Rich Speraneo: Richard.Speraneo@vistracorp.com		Company Name: Vistra Corp			
Coffeen, IL 62017		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:			
Requested Due Date/TAT: 10 day		Project Number: 1940106781-003		Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX DRINKING WATER DW WATER WASTE WW WATER WASTE P WATER PRODUCT SOL/SOLID OL OIL WP WPE AR AIR OT OTHER TS TISSUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)																Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

5.7 BTGA
2/11/25 CF
PHV101358/98858
added NaOH(02642) to G270/G271/L201
added HNO3(102194) L203
added H2SO4(101231) TE CF

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Page: 2 of 7

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

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Page: 3 of 7

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples intact (Y/N)
PRINT Name of SAMPLER: <i>Brett Gillman</i>					
SIGNATURE of SAMPLER: <i>Brett Gillman</i>	DATE Signed (MM/DD/YY): <i>2-11-25</i>				

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Invoice Information:

Page: 4 of 7

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Dr. H. Sullivan</i>					
SIGNATURE of SAMPLER: <i>[Signature]</i>	DATE Signed (MM/DD/YY): <i>2-11-75</i>				

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ITEM #	Section D Required Client Information	Valid Matrix Codes DRINKING WATER WATER WATER PRODUCT OIL WPE AIR OTHER TSSUE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)														Project No./ Lab I.D.			
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106				Residual Chlorine (Y/N)
1	G308	WT	G				2	1	1									X																	25011232-065
2	G310	WT	G				2	1	1									X																25011232-066	
3	G312	WT	G				2	1	1									X																25011232-067	
4	G313	WT	G	2-11-23	1024		2	1	1									X																25011232-068	
5	G314	WT	G				2	1	1									X																25011232-069	
6	G314D	WT	G				2	1	1									X																25011232-070	
7	G315	WT	G				2	1	1									X																25011232-071	
8	G316	WT	G				2	1	1									X																25011232-072	
9	G401	WT	G				4	1	1		1								X															25011232-073	
10	G402	WT	G				4	1	1		1							X																25011232-074	
11	G403	WT	G				4	1	1		1							X																25011232-075	
12	G404	WT	G				4	1	1		1							X																25011232-076	
13	G405	WT	G				4	1	1		1							X																25011232-077	
14	G406	WT	G				4	1	1		1							X																25011232-078	
15	G407	WT	G				4	1	1		1							X																25011232-079	
16	G410	WT	G				4	1	2		1																							25011232-080	
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS																		
COF-25Q1 Rev 2		2-11-23			2-11		1300		2-11-23				2-11-23		1300																				

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[illegible]

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: 	DATE Signed (MM/DD/YY): 2-11-25				

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SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Tracy Carroll					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 2/11/25				

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 4 of 7	
Company: Vistra Corp-Coffeeen		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY	
Address: 134 CIPS Lane Coffeeen, IL 62017		Copy To: 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:		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day		Project Number: 1940106781-003		Profile #:		Site Location STATE: IL	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Tracy Carroll					
SIGNATURE of SAMPLER: Tracy Carroll	DATE Signed (MM/DD/YY): 3/28/25				

PHV 101358 ^u 2/28

April 01, 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-25Q1

WorkOrder: 25011233

Dear Eric Bauer:

TEKLAB, INC received 62 samples on 2/28/2025 11:50:00 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
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011233

Client Project: COF-25Q1

Report Date: 01-Apr-25

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Chain of Custody	Appended

Definitions

<http://www.teklabinc.com/>**Client:** Ramboll**Work Order:** 25011233**Client Project:** COF-25Q1**Report Date:** 01-Apr-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

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011233

Client Project: COF-25Q1

Report Date: 01-Apr-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

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011233

Client Project: COF-25Q1

Report Date: 01-Apr-25

Cooler Receipt Temp: 3.3 °C

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

G275 and G277 were dry.

G302 collection time per field file. Equipment blanks were not needed. EAH 2/13/25

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

Locations

Collinsville

Address 5445 Horseshoe Lake Road
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Phone (618) 344-1004
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Collinsville Air

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Phone (630) 324-6855
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Kansas City

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Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011233

Client Project: COF-25Q1

Report Date: 01-Apr-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	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			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-001
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G1001
Collection Date: 02/10/2025 13:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:14	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-002
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G1003
Collection Date: 02/10/2025 12:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:14	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-003
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G151
Collection Date: 02/04/2025 10:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:14	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-004
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G152
Collection Date: 02/04/2025 10:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-005
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G153
Collection Date: 02/04/2025 12:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-006
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G154
Collection Date: 02/04/2025 11:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-007
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G155
Collection Date: 02/06/2025 12:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-008
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G200
Collection Date: 02/10/2025 9:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-009
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G206
Collection Date: 02/06/2025 9:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-010
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G206D
Collection Date: 02/06/2025 9:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-011
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G209
Collection Date: 02/06/2025 11:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:17	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-012
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G212
Collection Date: 02/05/2025 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	03/08/2025 11:17	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-013
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G213
Collection Date: 02/05/2025 12:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:17	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-014
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G215
Collection Date: 02/04/2025 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	03/08/2025 11:17	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-015
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G217
Collection Date: 02/04/2025 13:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:17	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-016
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G218
Collection Date: 02/07/2025 9:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:17	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-017
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G270
Collection Date: 02/11/2025 11:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:25	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-018
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G271
Collection Date: 02/11/2025 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	03/08/2025 11:25	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-019
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G273
Collection Date: 02/05/2025 9:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/08/2025 11:25	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-021
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G275D
Collection Date: 02/05/2025 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	03/11/2025 13:46	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-022
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25

Client Sample ID: G276

Collection Date: 02/05/2025 11:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:46	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-024
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G279
Collection Date: 02/06/2025 13:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:55	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-025
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G280
Collection Date: 02/06/2025 14:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:55	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-026
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G281
Collection Date: 02/05/2025 11:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:55	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-027
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25

Client Sample ID: G283

Collection Date: 02/10/2025 13:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:56	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-028
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G284
Collection Date: 02/10/2025 13:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:56	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011233
Report Date: 01-Apr-25

Lab ID: 25011233-029

Client Sample ID: G285

Matrix: GROUNDWATER

Collection Date: 02/11/2025 9:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:56	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011233
Report Date: 01-Apr-25

Lab ID: 25011233-030

Client Sample ID: G301

Matrix: GROUNDWATER

Collection Date: 02/07/2025 10:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:56	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-031
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G302
Collection Date: 02/07/2025 9:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:56	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-032
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G303
Collection Date: 02/10/2025 11:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:56	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-033
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G305
Collection Date: 02/10/2025 12:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:50	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-034
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G306
Collection Date: 02/10/2025 10:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:50	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-035
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G307
Collection Date: 02/28/2025 10:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/26/2025 12:09	R362585



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-036
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G307D
Collection Date: 02/10/2025 9:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:51	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-037
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G308
Collection Date: 02/10/2025 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	03/11/2025 13:51	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-038
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G310
Collection Date: 02/07/2025 9:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:51	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-039
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G312
Collection Date: 02/10/2025 11:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:51	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-040
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G313
Collection Date: 02/11/2025 10:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:51	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-041
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G314
Collection Date: 02/07/2025 8:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:51	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-042
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G314D
Collection Date: 02/06/2025 14:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/11/2025 13:51	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-043
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G315
Collection Date: 02/10/2025 10:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:02	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-044
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G316
Collection Date: 02/10/2025 12:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:02	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011233
Report Date: 01-Apr-25

Lab ID: 25011233-045

Client Sample ID: G401

Matrix: GROUNDWATER

Collection Date: 02/10/2025 14:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:02	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-046
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G402
Collection Date: 02/10/2025 13:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:02	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-047
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G403
Collection Date: 02/06/2025 11:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:03	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-048
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G404
Collection Date: 02/06/2025 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	03/10/2025 14:03	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-049
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G405
Collection Date: 02/05/2025 12:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:03	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-050
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G406
Collection Date: 02/06/2025 12:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:05	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-051
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G407
Collection Date: 02/06/2025 13:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:05	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-052
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25

Client Sample ID: G410

Collection Date: 02/06/2025 13:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:05	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011233
Report Date: 01-Apr-25

Lab ID: 25011233-053

Client Sample ID: G411

Matrix: GROUNDWATER

Collection Date: 02/07/2025 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	03/10/2025 14:05	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-054
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: R201
Collection Date: 02/10/2025 10:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:05	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-055
Matrix: AQUEOUS

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: Field Blank
Collection Date: 02/11/2025 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	03/10/2025 14:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-056
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: R201 Duplicate
Collection Date: 02/10/2025 10:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-057
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G303 Duplicate
Collection Date: 02/10/2025 11:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-058
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G314D Duplicate
Collection Date: 02/06/2025 14:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:15	R361697



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1
Lab ID: 25011233-059
Matrix: GROUNDWATER

Work Order: 25011233
Report Date: 01-Apr-25
Client Sample ID: G410 Duplicate
Collection Date: 02/06/2025 13:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/10/2025 14:16	R361697



Sample Summary

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011233

Client Project: COF-25Q1

Report Date: 01-Apr-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25011233-001	G1001	Groundwater	1	02/10/2025 13:49
25011233-002	G1003	Groundwater	1	02/10/2025 12:38
25011233-003	G151	Groundwater	1	02/04/2025 10:47
25011233-004	G152	Groundwater	1	02/04/2025 10:06
25011233-005	G153	Groundwater	1	02/04/2025 12:26
25011233-006	G154	Groundwater	1	02/04/2025 11:48
25011233-007	G155	Groundwater	1	02/06/2025 12:43
25011233-008	G200	Groundwater	1	02/10/2025 9:39
25011233-009	G206	Groundwater	1	02/06/2025 9:44
25011233-010	G206D	Groundwater	1	02/06/2025 9:13
25011233-011	G209	Groundwater	1	02/06/2025 11:20
25011233-012	G212	Groundwater	1	02/05/2025 13:12
25011233-013	G213	Groundwater	1	02/05/2025 12:47
25011233-014	G215	Groundwater	1	02/04/2025 14:10
25011233-015	G217	Groundwater	1	02/04/2025 13:03
25011233-016	G218	Groundwater	1	02/07/2025 9:01
25011233-017	G270	Groundwater	1	02/11/2025 11:17
25011233-018	G271	Groundwater	1	02/11/2025 9:50
25011233-019	G273	Groundwater	1	02/05/2025 9:39
25011233-020	G275	Groundwater	1	02/05/2025 0:00
25011233-021	G275D	Groundwater	1	02/05/2025 11:15
25011233-022	G276	Groundwater	1	02/05/2025 11:47
25011233-023	G277	Groundwater	1	02/05/2025 0:00
25011233-024	G279	Groundwater	1	02/06/2025 13:56
25011233-025	G280	Groundwater	1	02/06/2025 14:23
25011233-026	G281	Groundwater	1	02/05/2025 11:37
25011233-027	G283	Groundwater	1	02/10/2025 13:27
25011233-028	G284	Groundwater	1	02/10/2025 13:54
25011233-029	G285	Groundwater	1	02/11/2025 9:48
25011233-030	G301	Groundwater	1	02/07/2025 10:17
25011233-031	G302	Groundwater	1	02/07/2025 9:51
25011233-032	G303	Groundwater	1	02/10/2025 11:23
25011233-033	G305	Groundwater	1	02/10/2025 12:21
25011233-034	G306	Groundwater	1	02/10/2025 10:14
25011233-035	G307	Groundwater	1	02/28/2025 10:31
25011233-036	G307D	Groundwater	1	02/10/2025 9:17
25011233-037	G308	Groundwater	1	02/10/2025 12:35
25011233-038	G310	Groundwater	1	02/07/2025 9:30
25011233-039	G312	Groundwater	1	02/10/2025 11:26



Sample Summary

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: COF-25Q1

Work Order: 25011233
Report Date: 01-Apr-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25011233-040	G313	Groundwater	1	02/11/2025 10:24
25011233-041	G314	Groundwater	1	02/07/2025 8:58
25011233-042	G314D	Groundwater	1	02/06/2025 14:31
25011233-043	G315	Groundwater	1	02/10/2025 10:48
25011233-044	G316	Groundwater	1	02/10/2025 12:07
25011233-045	G401	Groundwater	1	02/10/2025 14:06
25011233-046	G402	Groundwater	1	02/10/2025 13:21
25011233-047	G403	Groundwater	1	02/06/2025 11:49
25011233-048	G404	Groundwater	1	02/06/2025 11:24
25011233-049	G405	Groundwater	1	02/05/2025 12:07
25011233-050	G406	Groundwater	1	02/06/2025 12:21
25011233-051	G407	Groundwater	1	02/06/2025 13:01
25011233-052	G410	Groundwater	1	02/06/2025 13:37
25011233-053	G411	Groundwater	1	02/07/2025 9:59
25011233-054	R201	Groundwater	1	02/10/2025 10:17
25011233-055	Field Blank	Aqueous	1	02/11/2025 11:01
25011233-056	R201 Duplicate	Groundwater	1	02/10/2025 10:17
25011233-057	G303 Duplicate	Groundwater	1	02/10/2025 11:23
25011233-058	G314D Duplicate	Groundwater	1	02/06/2025 14:31
25011233-059	G410 Duplicate	Groundwater	1	02/06/2025 13:37
25011233-060	Equipment Blank 1	Aqueous	1	
25011233-061	Equipment Blank 2	Aqueous	1	
25011233-062	Equipment Blank 3	Aqueous	1	



Receiving Check List

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25011233

Client Project: COF-25Q1

Report Date: 01-Apr-25

Carrier: Justin Colp

Received By: AMD

Completed by:

On:

05-Feb-25

Amber Dilallo

Reviewed by:

On:

13-Feb-25

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 3.3
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☒	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

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

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

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

Samples were received on 2/4/25 at 1640 on ice [3.3C, 12.7C, 11.7C, 10.7C, and 13.1C - LTG#5]. Additional Nitric Acid (102194) was needed in G153 upon arrival at the laboratory. pH strip #101358. - amberdilallo - 2/5/2025 8:13:04 AM

Samples were received on 2/5/25 at 1520 on ice [1.2, 3.3, 5.5, 10.5C - LTG#5]. Additional Nitric Acid (102194) was needed upon arrival at the laboratory for G275D. pH strip #101358. - amberdilallo - 2/6/2025 8:14:09 AM

Samples were received on 2/6/25 at 16:45 on ice [4.9, 5.3, 8.7, 10.7, 11.1, 11.7C - LTG#5]. - pschultz - 2/7/2025 8:57:43 AM
Additional Nitric Acid (102194) preservative was needed for G314D, G155, G407, G314D upon arrival at the laboratory. - pschultz - 2/7/2025 9:02:58 AM

Samples were received on 2/7/25 at 11:50 on ice [6.3, 3.5C - LTG#5]. - pschultz - 2/7/2025 1:41:30 PM
Additional Nitric Acid (102194) preservative was needed for G314 upon arrival at the laboratory. - pschultz - 2/7/2025 1:42:14 PM
pH strip #101358. - pschultz - 2/7/2025 1:42:18 PM

Samples were received on 2/10/25 at 1605 on ice [5.9 and 9.7C - LTG#5]. Additional Nitric Acid (102194) was needed upon arrival at the laboratory for G303, G402, G316 and G303 Dup. pH strip #101358. - NR/amberdilallo - 2/10/2025 5:00:16 PM

Samples were received on 02/11/25 at 13.00 on ice [temp 4.9C, 5.7C - LTG#9]. pH strip #101358. added nitric acid (102194) to G285- JD/lhenson - 2/11/2025 4:11:05 PM

Samples were received on 2/28/25 at 1150 on ice [11.7C - LTG#5]. pH strip #101358. - NR/amberdilallo - 2/28/2025 12:36:34 PM

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Page: 1 of 7

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OC OL WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives									Analysis Test(s) Y/N()															
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	COF-257-101		COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-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								25011233-001							
3	G1003	WT	G				0				2		X								X					25011233-002							
4	G101	WT	G				0																			N/A							
5	G102	WT	G				0																			N/A							
6	G103	WT	G				0																			N/A							
7	G105	WT	G				0																			N/A							
8	G106	WT	G				0																			N/A							
9	G107	WT	G				0																			N/A							
10	G108	WT	G				0																			N/A							
11	G109	WT	G				0																			N/A							
12	G110	WT	G				0																			N/A							
13	G111	WT	G				0																			N/A							
14	G119	WT	G				0																			N/A							
15	G120	WT	G				0																			N/A							
16	G121	WT	G				0																			N/A							
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION			DATE		TIME		SAMPLE CONDITIONS																	
COF-25Q1 Rev 0		J. Gelp			2-4		1640		Bryan Gilgall			2/4/15		1640																			

Sum
215/25

3.3, 12.7, 11.7, 10.7, 13.1

UAS

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Page: 2 of 7

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/SOLID SL OIL OL WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test Y/N	Requested Analysis Filtered (Y/N)										Ra226/228, only							
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-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																									N/A	
2	G123		WT	G	2-4-23	1129		0									X																N/A	
3	G124		WT	G	2-4-23	1150		0									X																N/A	
4	G125		WT	G	2-4-23	1209		0									X	X															N/A	
5	G126		WT	G	2-4-23	0911		0									X																N/A	
6	G151		WT	G	2-4-23	1047		2		2																				X			25011233-003	
7	G152		WT	G	2-4-23	1006		2		2																				X			25011233-004	
8	G153		WT	G	2-4-23	1226		2		2																				X			25011233-005	
9	G154		WT	G	2-4-23	1148		2		2																				X			25011233-006	
10	G155		WT	G				2		2																				X			25011233-007	
11	G200		WT	G				2		2																					X			25011233-008
12	G206		WT	G				2		2																					X			25011233-009
13	G206D		WT	G				2		2																								25011233-010
14	G207		WT	G				0																						X				N/A
15	G208		WT	G				0																						X				N/A
16	G209		WT	G				2		2																				X				25011233-011
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME																						

Confidential

COF-25Q1-104
25011233

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: **Rich Speraneo: Richard.Speraneo@vistracorp.com**
Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:
Project Name:
Project Number: **1940106781-003**

Section C Invoice Information:

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

Page: **3** of **7**

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		PRESERVATIVES		Requested Analysis Filtered (Y/N)																Ra226/228, only										
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)	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.		
1	G210	WT	G				0																										N/A	
2	G211	WT	G				0																										N/A	
3	G212	WT	G				2			2									X						X								25011233-012	
4	G213	WT	G				2			2									X					X									25011233-013	
5	G214	WT	G	2-4-25	1437		0																										N/A	
6	G215	WT	G	2-4-25	1410		2			2									X					X									25011233-014	
7	G216	WT	G	2-4-25	1339		0																										N/A	
8	G217	WT	G	2-4-25	1303		2			2									X					X									25011233-015	
9	G218	WT	G				2			2									X				X										25011233-016	
10	G270	WT	G				2			2								X		X			X		X								25011233-017	
11	G271	WT	G				2			2									X					X									25011233-018	
12	G272	WT	G				0																											N/A
13	G273	WT	G				2			2										X				X									25011233-019	
14	G274	WT	G				0																											N/A
15	G275	WT	G				2			2										X				X									25011233-020	
16	G275D	WT	G				2			2										X				X									25011233-021	
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS																
COF-25Q1 Rev 0				JGb		2-4		1640		Gordon O'Callahan				2/4/25		1640		Y																

SAMPLER NAME AND SIGNATURE				Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Brett Gilligan							
SIGNATURE of SAMPLER: Brett Gilligan							
DATE Signed (MM/DD/YY): 2-4-25							

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Section C
Invoice Information:

Company: Vistra Corp-Coffeen		Report To: Brian Voelker	Attention: Brian Voelker	REGULATORY AGENCY		
Address: 134 CIPS Lane		Copy To: Rich Speraneo: Richard.Speraneo@vistracorp.com	Company Name: Vistra Corp			
Coffeen, IL 62017		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	IL	
Requested Due Date/TAT: 10 day		Project Number: 1940106781-003	Profile #:	STATE:		

ITEM #	Section D Required Client Information	Valid Matrix Codes <u>MATRIX</u> DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test↓	Requested Analysis Filtered (Y/N)																Ra226/228, only		
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-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						25011233-053		
2	L201		WT	G				0																									N/A		
3	L202		WT	G				0																									N/A		
4	L203		WT	G				0																									N/A		
5	NE Riser		WT	G				0																									N/A		
6	R104		WT	G	2-4-25	1402		0																									N/A		
7	R201		WT	G				2		2																							25011233-054		
8	R205		WT	G				0																									N/A		
9	SG-02		WT	G				0																									N/A		
10	SG-03		WT	G				0																									N/A		
11	T127		WT	G	2-4-25	1017		0																									N/A		
12	T128		WT	G	2-4-25	1054		0																									N/A		
13	X201		WT	G				0																									N/A		
14	XPW01		WT	G				0																									N/A		
15	XPW02		WT	G				0																									N/A		
16	XSG-01		WT	G				0																									N/A		
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION					DATE	TIME	SAMPLE CONDITIONS																			
COF-25Q1 Rev 0					J-Gib		2-4	1640	Smbas Qallos					2/4/15	1640																				

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Brent Gilliker					
SIGNATURE of SAMPLER: 	DATE Signed (MM/DD/YY): 2-4-25				

25011233

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-Coffee**
Address: **134 CIPS Lane**
Coffee, 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: **Rich Speraneo; Richard.Speraneo@vistracorp.com**
Jason Grieve; Jason.Grieve@vistracorp.com
Purchase Order No.:
Project Name:
Project Number: **1940106781-003**

Section C Invoice Information:

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

Page: 7 of 7

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		PRESERVATIVES		ANALYSIS TEST		Requested Analysis Filtered (Y/N)																Ra226/228, only					
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)	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No. / Lab I.D.
1	Field Blank	WT	G				2		2							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	25011233-055
2	G108 Duplicate	WT	G				0														X										N/A
3	G125 Duplicate	WT	G	2-4-25	1209		0													X											N/A
4	G207 Duplicate	WT	G				0																				X				N/A
5	G217 Duplicate	WT	G				2	2										X									X				25011233-056
6	G278 Duplicate	WT	G				0																				X				N/A
7	G303 Duplicate	WT	G				2	2								X					X										25011233-057
8	G314D Duplicate	WT	G				2	2								X															25011233-058
9	G410 Duplicate	WT	G				2	2																			X				25011233-059
10	R104 Duplicate	WT	G	2-4-25	1402		0													X								X			N/A
11	T128 Duplicate	WT	G	2-4-25	1054		0													X											N/A
12	Equipment Blank 1	WT	G				2	2								X	X	X	X	X	X	X	X	X	X	X	X	X	X		25011233-060
13	Equipment Blank 2	WT	G				2	2								X	X	X	X	X	X	X	X	X	X	X	X	X	X		25011233-061
14	Equipment Blank 3	WT	G				2	2								X	X	X	X	X	X	X	X	X	X	X	X	X	X		25011233-062
15																															
16																															

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-25Q1 Rev 0		J. Gove	2-4	1640	John A. Gove	2/4/25	1640		Y	N	
SAMPLER NAME AND SIGNATURE								Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Bret A. Gillman</i>											
SIGNATURE of SAMPLER: <i>Bret A. Gillman</i>											
								DATE Signed (MM/DD/YY): 2-4-25			

13.43

25011233

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:		Page: 1 of 7	
Company: Vistra Corp-Coffee		Report To: Brian Voelker		Attention: Brian Voelker			
Address: 134 CIPS Lane		Copy To: Rich Speraneo: Richard.Speraneo@vistracorp.com		Company Name: Vistra Corp		REGULATORY AGENCY	
Coffee, IL 62017		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	
Requested Due Date/TAT: 10 day		Project Number: 1940106781-003		Profile #:		STATE: IL	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WASTE WATER WW PRODUCT P SOL/SOLID SL OIL OL WPE WP AIR AR OTHER OT TSSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	Requested Analysis Filtered (Y/N)												Ra226/228, only																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1	AP2D	WT	G				0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Added HNO₃ (102194) to
G275D. pH ✓ 10/35P
um
2/4/25

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 Gillina					
SIGNATURE of SAMPLER: <i>Brett Gillina</i>					
		DATE Signed (MM/DD/YY): 2-5-27			

Temp 12C
3.3C
5.5C
10.5C
UTG5

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ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes <u>MATRIX</u> <u>CODE</u> DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/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		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N ↓ ↓ Analysis Test ↑	Requested Analysis Filtered (Y/N)																Ra226/228, only		
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-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	2-5-28	111345		0																	X			N/A								
3	G212		WT	G	2-5-25	1312		2		2															X			25011233-012								
4	G213		WT	G	2-5-25	1247		2		2															X			25011233-013								
5	G214		WT	G				0																	X			N/A								
6	G215		WT	G				2		2															X			25011233-014								
7	G216		WT	G				0																	X			N/A								
8	G217		WT	G				2		2															X			25011233-015								
9	G218		WT	G				2		2															X			25011233-016								
10	G270		WT	G				2		2														X	X	X		25011233-017								
11	G271		WT	G				2		2															X	X		25011233-018								
12	G272		WT	G	2-5-25	1010		0																	X			N/A								
13	G273		WT	G	2-5-25	939		2		2															X			25011233-019								
14	G274		WT	G	2-5-25	1040		0																	X			N/A								
15	G275		WT	G	2-5-25	Dry		2		2															X			25011233-020								
16	G275D		WT	G	2-5-25	115		2		2															X			25011233-021								
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																							
COF-25Q1 Rev 0			Zil SO			2-5	1520	Shan Oball			2-7-25	1520	> z																							

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COF-25Q1 Rev 0

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: _____

DATE Signed
(MM/DD/YY):

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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 Gillman					
SIGNATURE of SAMPLER: <i>Brett Gillman</i>	DATE Signed (MM/DD/YY): 2-3-25				

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ITEM #	Section D Required Client Information	Valid Matrix Codes <u>MATRIX</u> DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							<u>Y/N</u>	Requested Analysis Filtered (Y/N)																Ra226/228, only			
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	<u>Analysis Test</u>	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106			Residual Chlorine (Y/N)	
1	AP2D		WT	G				0																X												N/A
2	G1001		WT	G				2															X												25011233-001	
3	G1003		WT	G				2															X												25011233-002	
4	G101		WT	G				0																											N/A	
5	G102		WT	G				0																											N/A	
6	G103		WT	G				0																											N/A	
7	G105		WT	G				0																											N/A	
8	G106		WT	G				0																											N/A	
9	G107		WT	G				0																											N/A	
10	G108		WT	G				0																											N/A	
11	G109		WT	G				0																											N/A	
12	G110		WT	G				0																											N/A	
13	G111		WT	G				0																											N/A	
14	G119		WT	G				0																											N/A	
15	G120		WT	G				0																											N/A	
16	G121		WT	G				0																											N/A	
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION			DATE		TIME		SAMPLE CONDITIONS																				
COF-25Q1 Rev 0			J. Cap																																	

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: <i>Pro # Gillman</i>					
SIGNATURE of SAMPLER: <i>[Signature]</i>	DATE Signed (MM/DD/YY): <i>2-6-75</i>				

DFV 101358

CF 2/7/25

4.9C
5.3C
8.7C
10.7C
11.1C
11.7C

U G 5

added HNO₃ (102194) to samples → G314D/G314D/G155/G155/G407.

GB4D/G3TECF G24D

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ITEM #	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 WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Y/N	Requested Analysis Filtered (Y/N)														Ra226/228, only			
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	↓ Analysis Test ↓	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1		G122	WT	G	2-6-25	1030		0																									N/A	
2		G123	WT	G				0																									N/A	
3		G124	WT	G				0																									N/A	
4		G125	WT	G				0																									N/A	
5		G126	WT	G				0																									N/A	
6		G151	WT	G				2		2																					X		25011233-003	
7		G152	WT	G				2		2																					X		25011233-004	
8		G153	WT	G				2		2																					X		25011233-005	
9		G154	WT	G				2		2																				X	X		25011233-006	
10		G155	WT	G	2-6-25	1243		2		2																					X		25011233-007	
11		G200	WT	G				2		2																							25011233-008	
12		G206	WT	G	2-6-25	943		2		2																					X		25011233-009	
13		G206D	WT	G	2-6-25	913		2		2																							25011233-010	
14		G207	WT	G	2-6-25	1021		0																							X		N/A	
15		G208	WT	G	2-6-25	1047		0																							X		N/A	
16		G209	WT	G	2-6-25	1120		2		2																					X		25011233-011	
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																					
COF-25Q1 Rev 0																																		

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ITEM #	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 WPE WP AIR AR OTHER OT TSSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Y/N Analysis Test	Requested Analysis Filtered (Y/N)												Ra226/228, only				
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-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	2-6-23	1150		0																									N/A
2	G211		WT	G				0																									N/A
3	G212		WT	G				2			2									X													25011233-012
4	G213		WT	G				2			2									X													25011233-013
5	G214		WT	G				0																									N/A
6	G215		WT	G				2			2																						25011233-014
7	G216		WT	G				0																									N/A
8	G217		WT	G				2			2																						25011233-015
9	G218		WT	G				2			2																						25011233-016
10	G270		WT	G				2			2									X			X		X		X						25011233-017
11	G271		WT	G				2			2										X												25011233-018
12	G272		WT	G				0																									N/A
13	G273		WT	G				2			2																						25011233-019
14	G274		WT	G				0																									N/A
15	G275		WT	G				2			2																						25011233-020
16	G275D		WT	G				2			2																						25011233-021
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION			DATE		TIME		SAMPLE CONDITIONS																
COF-25Q1 Rev 0			J-G/p			2-6		1645		Paree			2/6																				

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ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/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	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								$\downarrow$ Analysis Test $\downarrow$ Y/N	Requested Analysis Filtered (Y/N)																Ra226/228, only		
											Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.			
1	Field Blank		WT	G						2								X	X	X	X	X	X	X	X	X	X	X	X			25011233-055						
2	G108 Duplicate		WT	G						0																					N/A							
3	G125 Duplicate		WT	G						0																					N/A							
4	G207 Duplicate		WT	G						0																		X			N/A							
5	G217 Duplicate		WT	G						2									X								X				25011233-056							
6	G278 Duplicate		WT	G						0																	X				N/A							
7	G303 Duplicate		WT	G						2								X													25011233-057							
8	G314D Duplicate		WT	G	2-6-25	1431				2								X													25011233-058							
9	G410 Duplicate		WT	G	2-6-25	1337				2																					25011233-059							
10	R104 Duplicate		WT	G						0																	X				N/A							
11	T128 Duplicate		WT	G						0																					N/A							
12	Equipment Blank 1		WT	G						2								X	X	X	X	X	X	X	X	X	X	X	X		25011233-060							
13	Equipment Blank 2		WT	G						2								X	X	X	X	X	X	X	X	X	X	X	X		25011233-061							
14	Equipment Blank 3		WT	G						2								X	X	X	X	X	X	X	X	X	X	X	X		25011233-062							
15																																						
16																																						
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION			DATE		TIME		SAMPLE CONDITIONS																					
COF-25Q1 Rev 0			J. Gelp			2-6		1645		Paul J. [Signature]			216		1645		> z																					

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Brett Grillman					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 2-6-25				

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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 Gilligan					
SIGNATURE of SAMPLER: 	DATE Signed (MM/DD/YY): 2-7-25				

6.3, 3.5 #5 ICC
Added HNO₃ (102194)
PH101358 G314 2/2
JD 2/7/25

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ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT SOLIDS P OIL SL WIPE QI AIR WP OTHER AR TISSUE OT	MATRIX CODE	(see valid codes to left)	SAMPLE TYPE	(G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)																Ra226/228, only		
							DATE	TIME			Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other		Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.		
1	G276	WT	G				2		2							X						X			X							25011233-022						
2	G277	WT	G				2		2							X						X			X							25011233-023						
3	G278	WT	G				0																	X								N/A						
4	G279	WT	G				2		2							X						X		X	X							25011233-024						
5	G280	WT	G				2		2							X				X		X	X									25011233-025						
6	G281	WT	G				2		2							X	X			X		X										25011233-026						
7	G283	WT	G				2		2							X					X											25011233-027						
8	G284	WT	G				2		2							X					X											25011233-028						
9	G285	WT	G				2		2							X					X											25011233-029						
10	G301	WT	G				2		2							X				X												25011233-030						
11	G302	WT	G				2		2							X				X												25011233-031						
12	G303	WT	G				2		2							X				X												25011233-032						
13	G305	WT	G				2		2							X				X												25011233-033						
14	G306	WT	G				2		2							X				X												25011233-034						
15	G307	WT	G				2		2							X				X												25011233-035						
16	G307D	WT	G				2		2							X				X												25011233-036						
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION				DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS																				
COF-25Q1 Rev 0		217 SS				2-7		11:50		[Signature]				217		11:50		> z																				

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CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 7	
Company: Vistra Corp-Coffeen		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL STATE:	
Address: 134 CIPS Lane		Copy To: Rich Speraneo: Richard.Speraneo@vistracorp.com		Company Name: Vistra Corp			
Coffeen, IL 62017		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: 1940106781-003		Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SCAUSOLID SL OIL OL WPE WP AIR AR OTHER OT ISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test	Y/N	Requested Analysis Filtered (Y/N)																Ra226/228, only	
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol			Other	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)		
1	AP2D	WT	G	2/10/25	1440		0																				N/A								
2	G1001	WT	G	2/10/25	1349		2			2									X								25011233-001								
3	G1003	WT	G	2/10/25	1238		2			2									X			X					25011233-002								
4	G101	WT	G				0									X											N/A								
5	G102	WT	G				0							X	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								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	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	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-25Q1 Rev 0				21 SD				2-10		1605		[Signature]				2/10		1605		y z															

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
COF-25Q1 Rev 0		22 SD		2-10	1605	2/10		1605					
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: <i>Tracy Carr</i> SIGNATURE of SAMPLER: <i>Tracy Carr</i>										DATE Signed (MM/DD/YY): <i>2/10/25</i>			

PHV 10/358
Add'd HNO₃ (102194)
to G303, G402, G316, & G303 Dup
~ 2/10

5.9, 9.7 ice #5

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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 WPE WP AIR AR OTHER OT TSSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G-GRAB C-COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N Analysis Test ↓	Requested Analysis Filtered (Y/N)												Ra226/228, only			
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-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																								N/A	
2	G123		WT	G				0																								N/A	
3	G124		WT	G				0																								N/A	
4	G125		WT	G				0																								N/A	
5	G126		WT	G				0																								N/A	
6	G151		WT	G				2			2																			X		25011233-003	
7	G152		WT	G				2			2																			X		25011233-004	
8	G153		WT	G				2			2																			X		25011233-005	
9	G154		WT	G				2			2																		X			25011233-006	
10	G155		WT	G				2			2																			X		25011233-007	
11	G200		WT	G	2-10-25	939		2			2																			X		25011233-008	
12	G206		WT	G				2			2																			X		25011233-009	
13	G206D		WT	G				2			2																			X		25011233-010	
14	G207		WT	G				0																						X		N/A	
15	G208		WT	G				0																						X		N/A	
16	G209		WT	G				2			2																			X		25011233-011	
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION						DATE	TIME	SAMPLE CONDITIONS																	
COF-25Q1 Rev 0			2-10-25			2-10	1605	2-10						2-10	1605	y z																	

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[illegible]

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[illegible]

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ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/SOLID SL OIL OL WPE WP AIR AR OTHER OT TSSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)										Ra226/228, only				
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104				COF-SUP-000	COF-WPCP-102
																												Project No./ Lab I.D.				
1	G411	WT G				2																	X					25011233-053				
2	L201	WT G				0																					N/A					
3	L202	WT G				0																					N/A					
4	L203	WT G				0																					N/A					
5	NE Riser	WT G				0																					N/A					
6	R104	WT G				0																					N/A					
7	R201	WT G			2-10-25 1D11	2		2																			25011233-054					
8	R205	WT G			2-10-25 1126	0																					N/A					
9	SG-02	WT G				0																					N/A					
10	SG-03	WT G				0																					N/A					
11	T127	WT G				0																					N/A					
12	T128	WT G				0																					N/A					
13	X201	WT G				0																					N/A					
14	XPW01	WT G				0																					N/A					
15	XPW02	WT G				0																					N/A					
16	XSG-01	WT G				0																					N/A					
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION			DATE		TIME		SAMPLE CONDITIONS															
COF-25Q1 Rev 0						2-10		1605					2/10		1605		> z															

SAMPLER NAME AND SIGNATURE		Temp in °C	Receives on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Bret Gilligan</i>					
SIGNATURE of SAMPLER: <i>Bret Gilligan</i>	DATE Signed (MM/DD/YY): <i>2-10-25</i>				

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Not filtered in the field

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

25011233

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	Page: 1 of 7

Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker	REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location IL STATE:
Address: 134 CIPS Lane	Copy To: Rich Speraneo: Richard.Speraneo@vistracorp.com	Company Name: Vistra Corp	
Coffeen, IL 62017	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: 1940106781-003	Profile #:	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)												Project No./ Lab I.D.			
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102		COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)
1	AP2D	WT	G				0																										N/A
2	G1001	WT	G				2																										25011233-001
3	G1003	WT	G				2																										25011233-002
4	G101	WT	G				0																										N/A
5	G102	WT	G				0																										N/A
6	G103	WT	G				0																										N/A
7	G105	WT	G				0																										N/A
8	G106	WT	G				0																										N/A
9	G107	WT	G				0																										N/A
10	G108	WT	G				0																										N/A
11	G109	WT	G				0																										N/A
12	G110	WT	G				0																										N/A
13	G111	WT	G				0																										N/A
14	G119	WT	G				0																										N/A
15	G120	WT	G				0																										N/A
16	G121	WT	G				0																										N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-25Q1 Rev 0	2-11 SO	2-11	1300	2-11	2-11/25	1300	4.9	X	N	
SAMPLER NAME AND SIGNATURE							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:										
SIGNATURE of SAMPLER:										

PH 101358 Added HNO₃ (102194)
TO G-285 2/2
UTG 9
5.7
JD 2/11/25

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ITEM #	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 WPE WP AIR AR OTHER OT TSSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Y/N	Requested Analysis Filtered (Y/N)														Ra226/228, only		
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-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																									N/A
2		G123	WT	G				0																									N/A
3		G124	WT	G				0																									N/A
4		G125	WT	G				0							X	X																	N/A
5		G126	WT	G				0								X																	N/A
6		G151	WT	G				2		2																				X			25011233-003
7		G152	WT	G				2		2																				X			25011233-004
8		G153	WT	G				2		2																				X			25011233-005
9		G154	WT	G				2		2																				X			25011233-006
10		G155	WT	G				2		2																				X			25011233-007
11		G200	WT	G				2		2						X	X			X										X			25011233-008
12		G206	WT	G				2		2						X			X											X			25011233-009
13		G206D	WT	G				2		2						X			X														25011233-010
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			25011233-011
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS															
COF-25Q1 Rev 0			21 50			2-11		1300		21 50				2/11/25																			

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25011233

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: **Rich Speraneo: Richard.Speraneo@vistracorp.com**
Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:
Project Name:
Project Number: **1940106781-003**

Section C Invoice Information:

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

Page: **3** of **7**

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		PRESERVATIVES		Requested Analysis Filtered (Y/N)																Ra226/228, only						
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX	CODE	DATE	TIME	UNPRESERVED	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G			0																								N/A
2	G211	WT	G			0																								N/A
3	G212	WT	G			2	2									X						X								25011233-012
4	G213	WT	G			2	2									X						X								25011233-013
5	G214	WT	G			0																								N/A
6	G215	WT	G			2	2									X						X								25011233-014
7	G216	WT	G			0																								N/A
8	G217	WT	G			2	2	2								X						X								25011233-015
9	G218	WT	G			2	2	2								X						X								25011233-016
10	G270	WT	G	2-11-25	1117	2	2	2							X		X				X		X		X	X				25011233-017
11	G271	WT	G	2-11-25	950	2	2	2									X					X			X					25011233-018
12	G272	WT	G			0																								N/A
13	G273	WT	G			2	2										X					X			X					25011233-019
14	G274	WT	G			0																								N/A
15	G275	WT	G			2	2	2									X					X			X					25011233-020
16	G275D	WT	G			2	2	2									X					X			X					25011233-021

SAMPLER NAME AND SIGNATURE		DATE		TIME		SAMPLE CONDITIONS	
PRINT Name of SAMPLER: Brett Sullivan		2-11		1300		Y Z	
SIGNATURE of SAMPLER: Brett Sullivan		DATE Signed (MM/DD/YY):		2-11-25		Temp in °C	
						Received on Ice (Y/N)	
						Custody Sealed Cooler (Y/N)	
						Samples Intact (Y/N)	

25011233

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: **Rich Speraneo: Richard.Speraneo@vistracorp.com**
Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:
Project Name:
Project Number: **1940106781-003**

Section C Invoice Information:

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

Page: **4** of **7**

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		PRESERVATIVES		Requested Analysis Filtered (Y/N)												Ra226/228, only												
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)	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G276	WT	G				2		2											X					X							25011233-022
2	G277	WT	G				2		2										X						X							25011233-023
3	G278	WT	G				0																									N/A
4	G279	WT	G				2		2										X						X		X	X				25011233-024
5	G280	WT	G				2		2								X	X						X		X	X					25011233-025
6	G281	WT	G				2		2								X	X					X	X		X						25011233-026
7	G283	WT	G				2		2										X					X								25011233-027
8	G284	WT	G				2		2										X					X								25011233-028
9	G285	WT	G	2-11-25	948		2		2										X					X								25011233-029
10	G301	WT	G				2		2								X					X										25011233-030
11	G302	WT	G				2		2								X					X										25011233-031
12	G303	WT	G				2		2								X					X										25011233-032
13	G305	WT	G				2		2								X					X										25011233-033
14	G306	WT	G				2		2								X					X										25011233-034
15	G307	WT	G				2		2								X					X										25011233-035
16	G307D	WT	G				2		2								X					X										25011233-036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
COF-25Q1 Rev 0	<i>[Signature]</i>	2-11	1300	<i>[Signature]</i>	2/11/25	1300		>	z

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: *Brett Gillman*
SIGNATURE of SAMPLER: *[Signature]*

DATE Signed (MM/DD/YY): *2-11-25*

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

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ITEM #	Section D Required Client Information		Valid Matrix Codes <u>MATRIX</u> <u>CODE</u>		(see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test↓ Y/N/I	Requested Analysis Filtered (Y/N)										Ra226/228, only					
	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE		MATRIX	CODE			DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104				COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104
1	G308	WT	G				2		2					X							X											25011233-037			
2	G310	WT	G				2		2					X						X												25011233-038			
3	G312	WT	G				2		2					X						X												25011233-039			
4	G313	WT	G	2-11-25	1024		2		2					X						X												25011233-040			
5	G314	WT	G				2		2					X						X												25011233-041			
6	G314D	WT	G				2		2					X						X												25011233-042			
7	G315	WT	G				2		2					X						X												25011233-043			
8	G316	WT	G				2		2					X						X												25011233-044			
9	G401	WT	G				2		2						X						X				X							25011233-045			
10	G402	WT	G				2		2					X							X				X							25011233-046			
11	G403	WT	G				2		2					X							X				X							25011233-047			
12	G404	WT	G				2		2					X							X				X							25011233-048			
13	G405	WT	G				2		2					X							X				X							25011233-049			
14	G406	WT	G				2		2					X							X				X							25011233-050			
15	G407	WT	G				2		2					X							X				X							25011233-051			
16	G410	WT	G				2		2															X								25011233-052			
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION				DATE	TIME	SAMPLE CONDITIONS																				
COF-25Q1 Rev 0				[Signature]			2-11	1300	[Signature]				2-11-25	1300	> z																				

Confidential

25011233

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: **Rich Speraneo; Richard Speraneo@vistracorp.com**
Jason Grieve; Jason.Grieve@vistracorp.com
Purchase Order No.:
Project Name:
Project Number: **1940106781-003**

Section C Invoice Information:

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

Page: **6** of **7**

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		PRESERVATIVES		Requested Analysis Filtered (Y/N)																Ra226/228, only					
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX	CODE	DATE	TIME	UNPRESERVED	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-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																					25011233-053
2	L201	WT	G	2/11/25	1018	0												X											N/A
3	L202	WT	G	2/11/25	1022	0												X											N/A
4	L203	WT	G	2/11/25	1028	0												X											N/A
5	NE Riser	WT	G	2/11/25	951	0										X						X							N/A
6	R104	WT	G			0													X										N/A
7	R201	WT	G			2		2							X		X					X							25011233-054
8	R205	WT	G			0																			X				N/A
9	SG-02	WT	G			0								X	X			X	X										N/A
10	SG-03	WT	G			0								X	X			X	X										N/A
11	T127	WT	G			0											X	X											N/A
12	T128	WT	G			0												X											N/A
13	X201	WT	G	2/11/25	1010	0										X							X						N/A
14	XPW01	WT	G	2-11-25	1020	0								X					X										N/A
15	XPW02	WT	G	2-11-25	1039	0								X					X										N/A
16	XSG-01	WT	G			0								X					X										N/A

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
COF-25Q1 Rev 0		[Signature]		2-11	1300	[Signature]		2/11/25	1300		Y	Z	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	[Signature]				

SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):
[Signature]		2-11-25

25011233

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: Rich Speraneo: Richard.Speraneo@vistracorp.com
Jason Grieve: Jason.Grieve@vistracorp.com
Purchase Order No.:
Project Name:
Project Number: 1940106781-003

Section C Invoice Information:

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

Page: 7 of 7

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		PRESERVATIVES		ANALYSIS TEST		Requested Analysis Filtered (Y/N)										Ra226/228, only											
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)	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G	2-11-25	1101		2		2							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	25011233-055
2	G108 Duplicate	WT	G				0														X										N/A
3	G125 Duplicate	WT	G				0													X											N/A
4	G207 Duplicate	WT	G				0																				X				N/A
5	G217 Duplicate	WT	G				2	2										X						X							25011233-056
6	G278 Duplicate	WT	G				0																			X					N/A
7	G303 Duplicate	WT	G				2	2								X					X										25011233-057
8	G314D Duplicate	WT	G				2	2								X						X									25011233-058
9	G410 Duplicate	WT	G				2	2																		X					25011233-059
10	R104 Duplicate	WT	G				0													X							X				N/A
11	T128 Duplicate	WT	G				0													X											N/A
12	Equipment Blank 1	WT	G				2	2								X	X	X	X	X	X	X	X	X	X	X	X	X	X		25011233-060
13	Equipment Blank 2	WT	G				2	2								X	X	X	X	X	X	X	X	X	X	X	X	X	X		25011233-061
14	Equipment Blank 3	WT	G				2	2								X	X	X	X	X	X	X	X	X	X	X	X	X	X		25011233-062
15																															
16																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
COF-25Q1 Rev 0	21 SD	2-11	1300	[Signature]	2/11/25	1300		Y	Z

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Tracy Carroll				
SIGNATURE of SAMPLER:	[Signature]	DATE Signed (MM/DD/YYYY):	2/11/25		

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

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Tracy Canell					
SIGNATURE of SAMPLER: <i>Tracy Canell</i>	DATE Signed (MM/DD/YY): 2/28/25				

PHV 101358

 $\sqrt{2/8}$

ANALYTICAL REPORT

PREPARED FOR

Attn: Elizabeth A Hurley
TekLab, Inc
5445 Horseshoe Lake Road
Collinsville, Illinois 62234

Generated 3/12/2025 3:22:23 PM

JOB DESCRIPTION

Radium-226 and Radium-228
25011233

JOB NUMBER

160-57201-1

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
3/12/2025 3:22:23 PM

Authorized for release by
Erika Smith, Project Manager
erika.smith@et.eurofinsus.com
(314)298-8566



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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-57201-1

Job ID: 160-57201-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 25011233

Report Number: 160-57201-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

No additional analytical or quality issues were noted, other than those described below or in the Definitions/ Glossary page.

Receipt

The samples were received on 2/14/2025 11:30 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 14.9°C, 15.5°C, 16.4°C, 16.4°C, 16.9°C and 17.1°C.

Method 903.0 - Radium-226 (GFPC)

Samples 25011233-001 (160-57201-1), 25011233-002 (160-57201-2), 25011233-003 (160-57201-3), 25011233-004 (160-57201-4), 25011233-005 (160-57201-5), 25011233-006 (160-57201-6), 25011233-007 (160-57201-7), 25011233-008 (160-57201-8), 25011233-009 (160-57201-9), 25011233-010 (160-57201-10), 25011233-011 (160-57201-11), 25011233-012 (160-57201-12), 25011233-013 (160-57201-13), 25011233-014 (160-57201-14), 25011233-015 (160-57201-15), 25011233-016 (160-57201-16), 25011233-017 (160-57201-17), 25011233-018 (160-57201-18), 25011233-019 (160-57201-19), 25011233-021 (160-57201-20), 25011233-022 (160-57201-21), 25011233-024 (160-57201-22), 25011233-025 (160-57201-23), 25011233-026 (160-57201-24), 25011233-027 (160-57201-25), 25011233-028 (160-57201-26), 25011233-029 (160-57201-27), 25011233-030 (160-57201-28), 25011233-031 (160-57201-29), 25011233-032 (160-57201-30), 25011233-033 (160-57201-31), 25011233-034 (160-57201-32), 25011233-036 (160-57201-33), 25011233-037 (160-57201-34), 25011233-038 (160-57201-35), 25011233-039 (160-57201-36), 25011233-040 (160-57201-37), 25011233-041 (160-57201-38), 25011233-042 (160-57201-39), 25011233-043

Eurofins St. Louis

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-57201-1

Job ID: 160-57201-1 (Continued)

Eurofins St. Louis

(160-57201-40), 25011233-044 (160-57201-41), 25011233-045 (160-57201-42), 25011233-046 (160-57201-43), 25011233-047 (160-57201-44), 25011233-048 (160-57201-45), 25011233-049 (160-57201-46), 25011233-050 (160-57201-47), 25011233-051 (160-57201-48), 25011233-052 (160-57201-49), 25011233-053 (160-57201-50), 25011233-054 (160-57201-51), 25011233-055 (160-57201-52), 25011233-056 (160-57201-53), 25011233-057 (160-57201-54), 25011233-058 (160-57201-55) and 25011233-059 (160-57201-56) were analyzed for Radium-226 (GFPC). The samples were prepared on 2/18/2025 and analyzed on 3/8/2025 and 3/12/2025.

Method 904.0 - Radium-228 (GFPC)

Samples 25011233-001 (160-57201-1), 25011233-002 (160-57201-2), 25011233-003 (160-57201-3), 25011233-004 (160-57201-4), 25011233-005 (160-57201-5), 25011233-006 (160-57201-6), 25011233-007 (160-57201-7), 25011233-008 (160-57201-8), 25011233-009 (160-57201-9), 25011233-010 (160-57201-10), 25011233-011 (160-57201-11), 25011233-012 (160-57201-12), 25011233-013 (160-57201-13), 25011233-014 (160-57201-14), 25011233-015 (160-57201-15), 25011233-016 (160-57201-16), 25011233-017 (160-57201-17), 25011233-018 (160-57201-18), 25011233-019 (160-57201-19), 25011233-021 (160-57201-20), 25011233-022 (160-57201-21), 25011233-024 (160-57201-22), 25011233-025 (160-57201-23), 25011233-026 (160-57201-24), 25011233-027 (160-57201-25), 25011233-028 (160-57201-26), 25011233-029 (160-57201-27), 25011233-030 (160-57201-28), 25011233-031 (160-57201-29), 25011233-032 (160-57201-30), 25011233-033 (160-57201-31), 25011233-034 (160-57201-32), 25011233-036 (160-57201-33), 25011233-037 (160-57201-34), 25011233-038 (160-57201-35), 25011233-039 (160-57201-36), 25011233-040 (160-57201-37), 25011233-041 (160-57201-38), 25011233-042 (160-57201-39), 25011233-043 (160-57201-40), 25011233-044 (160-57201-41), 25011233-045 (160-57201-42), 25011233-046 (160-57201-43), 25011233-047 (160-57201-44), 25011233-048 (160-57201-45), 25011233-049 (160-57201-46), 25011233-050 (160-57201-47), 25011233-051 (160-57201-48), 25011233-052 (160-57201-49), 25011233-053 (160-57201-50), 25011233-054 (160-57201-51), 25011233-055 (160-57201-52), 25011233-056 (160-57201-53), 25011233-057 (160-57201-54), 25011233-058 (160-57201-55) and 25011233-059 (160-57201-56) were analyzed for Radium-228 (GFPC). The samples were prepared on 2/18/2025 and analyzed on 3/8/2025, 3/10/2025 and 3/11/2025.

Batch 160-703453:

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. 25011233-006 (160-57201-6)

The following samples did not meet the detection goal :25011233-004 (160-57201-4) . The barium carrier recovery was slightly lower than normal (though within QC limits) contributing to the elevated MDC. The sample activity falls below both the RL and MDC, therefore the laboratory does not believe this excursion negatively affects the data. The data have been reported with this narrative.

Batch 160-703457:

The laboratory control sample and (LCS) associated with the following samples recovered at 129%: 25011233-043 (160-57201-40), 25011233-044 (160-57201-41), 25011233-045 (160-57201-42), 25011233-046 (160-57201-43), 25011233-047 (160-57201-44), 25011233-048 (160-57201-45), 25011233-049 (160-57201-46), 25011233-050 (160-57201-47), 25011233-051 (160-57201-48), 25011233-052 (160-57201-49), 25011233-053 (160-57201-50), 25011233-054 (160-57201-51), 25011233-055 (160-57201-52), 25011233-056 (160-57201-53), 25011233-057 (160-57201-54), 25011233-058 (160-57201-55), 25011233-059 (160-57201-56) and (160-57201-B-51-B DU). The limits in our LIMS system at (75%-125%) reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68-154%). The LCS is within criteria and no further action is required.

Batch 160-703455:

The detection goal was not met for the following samples due to the reduction of sample size required by the presence of matrix interferences (discoloration noted by the prep analyst): 25011233-021 (160-57201-20), 25011233-026 (160-57201-24) and 25011233-031 (160-57201-29). Analytical results are reported with the detection limit achieved.

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Samples 25011233-001 (160-57201-1), 25011233-002 (160-57201-2), 25011233-006 (160-57201-6), 25011233-008 (160-57201-8), 25011233-009 (160-57201-9), 25011233-010 (160-57201-10), 25011233-011 (160-57201-11), 25011233-012 (160-57201-12), 25011233-013 (160-57201-13), 25011233-014 (160-57201-14), 25011233-015 (160-57201-15), 25011233-016 (160-57201-16), 25011233-017 (160-57201-17), 25011233-018 (160-57201-18), 25011233-019 (160-57201-19), 25011233-021 (160-57201-20), 25011233-022 (160-57201-21), 25011233-024 (160-57201-22), 25011233-025 (160-57201-23), 25011233-026 (160-57201-24), 25011233-027 (160-57201-25), 25011233-028 (160-57201-26), 25011233-029 (160-57201-27), 25011233-030 (160-57201-28), 25011233-031 (160-57201-29), 25011233-032 (160-57201-30), 25011233-033 (160-57201-31), 25011233-034 (160-57201-32), 25011233-036 (160-57201-33), 25011233-037 (160-57201-34), 25011233-038 (160-57201-35), 25011233-039 (160-57201-36), 25011233-040 (160-57201-37), 25011233-041 (160-57201-38), 25011233-042 (160-57201-39), 25011233-043 (160-57201-40), 25011233-044 (160-57201-41), 25011233-045 (160-57201-42), 25011233-046 (160-57201-43), 25011233-047 (160-57201-44), 25011233-048 (160-57201-45), 25011233-049 (160-57201-46), 25011233-050 (160-57201-47), 25011233-051 (160-57201-48), 25011233-052 (160-57201-49), 25011233-053 (160-57201-50), 25011233-054 (160-57201-51), 25011233-055

Eurofins St. Louis

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-57201-1 (Continued)

Eurofins St. Louis

(160-57201-52), 25011233-056 (160-57201-53), 25011233-057 (160-57201-54), 25011233-058 (160-57201-55) and 25011233-059 (160-57201-56) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 3/12/2025.



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: QC Level:

Comments: **Please issue reports and invoices via email only**
Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
Method changes require Teklab authorization. Samples collected from an IL site.
Batch QC is required for all analyses requested. Vistra-EDD requested.

Project# 25011233

Contact: Elizabeth Hurley

Email: ehurley@teklabin.com

Billing/PO: 37890

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
	25011233-001	2/10/25 1349	HNO3	Groundwater	☒	☒	☒
	25011233-002	2/10/25 1238	HNO3	Groundwater	☒	☒	☒
	25011233-003	2/4/25 1047	HNO3	Groundwater	☒	☒	☒
	25011233-004	2/4/25 1006	HNO3	Groundwater	☒	☒	☒
	25011233-005	2/4/25 1226	HNO3	Groundwater	☒	☒	☒
	25011233-006	2/4/25 1148	HNO3	Groundwater	☒	☒	☒
	25011233-007	2/6/25 1243	HNO3	Groundwater	☒	☒	☒
	25011233-008	2/10/25 0939	HNO3	Groundwater	☒	☒	☒
	25011233-009	2/6/25 0944	HNO3	Groundwater	☒	☒	☒
	25011233-010	2/6/25 0913	HNO3	Groundwater	☒	☒	☒
	25011233-011	2/6/25 1120	HNO3	Groundwater	☒	☒	☒



160-57201 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
Uma O...	2-14-25 / 1142	Original...	2-14-25 / 1142
	2-14-25 / 1144		2-14-25 / 1130

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)

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice Preserved in: ☐ Lab ☐ Field

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

Cooler Temp: Sampler: Teklab Sampling Team

Project#

25011233

Contact:

Elizabeth Hurley
Standard TAT

Email: ehurley@teklabinc.com

Billing/PO:	37890

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
	25011233-023	DRY	HNO3	Groundwater
	25011233-024	2/6/25 1356	HNO3	Groundwater
	25011233-025	2/6/25 1423	HNO3	Groundwater
	25011233-026	2/5/25 1137	HNO3	Groundwater
	25011233-027	2/10/25 1327	HNO3	Groundwater
	25011233-028	2/10/25 1354	HNO3	Groundwater
	25011233-029	2/11/25 0948	HNO3	Groundwater
	25011233-030	2/7/25 1017	HNO3	Groundwater
	25011233-031	2/7/25 0951	HNO3	Groundwater
	25011233-032	2/10/25 1123	HNO3	Groundwater
	25011233-033	2/10/25 1221	HNO3	Groundwater

Relinquished By	Date/Time	Received By	Date/Time
Uma O. S. S. S.	2-14-25 / 1042	Robert D.	2-14-25 / 1042
Robert D.	2-14-25 / 1114	Angeline Hunt	2-14-25 1130

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)

Pg 4 of 6

Are the samples chilled? YES ☐ NO ☒

With: ☐ Ice ☐ Blue Ice

Preserved in: ☐ Lab ☐ Field

Cooler Temp: Sampler: Teklab Sampling Team

Comments:	Please issue reports and invoices via email only
	Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
	Method changes require Teklab authorization. Samples collected from an IL site.
	Batch QC is required for all analyses requested. Vistra-EDD requested.

Phone: (618) 344-1004 ext. 33

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*Relinquished By	Date/Time	Received By	Date/Time
WMAA 0909093	2/14/25 / 10:12	John D.	2/14/25 / 10:12
John D.	2/14/25 / 11:17	Chloe Frost	2/14/25 / 11:30

Pg 5 of 6

Are the samples chilled? YES ☐ NO ☒

With: ☐ Ice ☐ Blue Ice

Preserved in: ☐ Lab ☐ Field

Cooler Temp:		Sampler:	Teklab Sampling Team

Comments:	Please issue reports and invoices via email only
	Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
	Method changes require Teklab authorization. Samples collected from an IL site.
	Batch QC is required for all analyses requested. Vistra-EDD requested.

Phone: (618) 344-1004 ext. 33

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	25011233-045	2/10/25 1406	HNO3	Groundwater
	25011233-046	2/10/25 1321	HNO3	Groundwater
	25011233-047	2/6/25 1149	HNO3	Groundwater
	25011233-048	2/6/25 1124	HNO3	Groundwater
	25011233-049	2/5/25 1207	HNO3	Groundwater
	25011233-050	2/6/25 1221	HNO3	Groundwater
	25011233-051	2/6/25 1301	HNO3	Groundwater
	25011233-052	2/6/25 1337	HNO3	Groundwater
	25011233-053	2/7/25 0959	HNO3	Groundwater
	25011233-054	2/10/25 1017	HNO3	Groundwater
	25011233-055	2/11/25 1101	HNO3	Aqueous

Relinquished By	Date/Time	Received By	Date/Time
Shirley S. Galt	2-14-25 / 1042	Shirley S. Galt	2-14-25 / 1042
Shirley S. Galt	2-14-25 / 1114	Shirley S. Galt	2-14-25 / 11:30

Are the samples chilled? YES ☐ NO ☒

With: ☐ Ice ☐ Blue Ice Preserved in: ☐ Lab ☐ Field

Cooler Temp:		Sampler:	Teklab Sampling Team

Project#	25011233

Contact:	Elizabeth Hurley	Email:	ehurley@teklabinc.com
Requested Due Date:	Standard TAT	Billing/PO:	37890

Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	25011233-056	2/10/25 1017	HNO3	Groundwater
	25011233-057	2/10/25 1123	HNO3	Groundwater
	25011233-058	2/6/25 1431	HNO3	Groundwater
	25011233-059	2/6/25 1337	HNO3	Groundwater
			HNO3	Aqueous
			HNO3	Aqueous
			HNO3	Aqueous
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater

Relinquished By	Date/Time	Received By	Date/Time
Wanda Orsola	2-14-25 / 1042	Robert	2-14-25 / 1042
Robert	2-14-25 / 1114	Angela Knight	2-14-25 / 1130

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ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-57201-1

SDG Number: 25011233

Login Number: 57201

List Number: 1

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
COP-845-102
SDG: 25011233

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-57201-1
SDG: 25011233

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-57201-1	25011233-001	Water	02/10/25 13:49	02/14/25 11:30
160-57201-2	25011233-002	Water	02/10/25 12:38	02/14/25 11:30
160-57201-3	25011233-003	Water	02/04/25 10:47	02/14/25 11:30
160-57201-4	25011233-004	Water	02/04/25 10:06	02/14/25 11:30
160-57201-5	25011233-005	Water	02/04/25 12:26	02/14/25 11:30
160-57201-6	25011233-006	Water	02/04/25 11:48	02/14/25 11:30
160-57201-7	25011233-007	Water	02/06/25 12:43	02/14/25 11:30
160-57201-8	25011233-008	Water	02/10/25 09:39	02/14/25 11:30
160-57201-9	25011233-009	Water	02/06/25 09:44	02/14/25 11:30
160-57201-10	25011233-010	Water	02/06/25 09:13	02/14/25 11:30
160-57201-11	25011233-011	Water	02/06/25 11:20	02/14/25 11:30
160-57201-12	25011233-012	Water	02/05/25 13:12	02/14/25 11:30
160-57201-13	25011233-013	Water	02/05/25 12:47	02/14/25 11:30
160-57201-14	25011233-014	Water	02/04/25 14:10	02/14/25 11:30
160-57201-15	25011233-015	Water	02/04/25 13:03	02/14/25 11:30
160-57201-16	25011233-016	Water	02/07/25 09:01	02/14/25 11:30
160-57201-17	25011233-017	Water	02/11/25 11:17	02/14/25 11:30
160-57201-18	25011233-018	Water	02/11/25 09:50	02/14/25 11:30
160-57201-19	25011233-019	Water	02/05/25 09:39	02/14/25 11:30
160-57201-20	25011233-021	Water	02/05/25 11:15	02/14/25 11:30
160-57201-21	25011233-022	Water	02/05/25 11:47	02/14/25 11:30
160-57201-22	25011233-024	Water	02/06/25 13:56	02/14/25 11:30
160-57201-23	25011233-025	Water	02/06/25 14:23	02/14/25 11:30
160-57201-24	25011233-026	Water	02/05/25 11:37	02/14/25 11:30
160-57201-25	25011233-027	Water	02/10/25 13:27	02/14/25 11:30
160-57201-26	25011233-028	Water	02/10/25 13:54	02/14/25 11:30
160-57201-27	25011233-029	Water	02/11/25 09:48	02/14/25 11:30
160-57201-28	25011233-030	Water	02/07/25 10:17	02/14/25 11:30
160-57201-29	25011233-031	Water	02/07/25 09:51	02/14/25 11:30
160-57201-30	25011233-032	Water	02/10/25 11:23	02/14/25 11:30
160-57201-31	25011233-033	Water	02/10/25 12:21	02/14/25 11:30
160-57201-32	25011233-034	Water	02/10/25 10:14	02/14/25 11:30
160-57201-33	25011233-036	Water	02/10/25 09:17	02/14/25 11:30
160-57201-34	25011233-037	Water	02/10/25 12:35	02/14/25 11:30
160-57201-35	25011233-038	Water	02/07/25 09:30	02/14/25 11:30
160-57201-36	25011233-039	Water	02/10/25 11:26	02/14/25 11:30
160-57201-37	25011233-040	Water	02/11/25 10:24	02/14/25 11:30
160-57201-38	25011233-041	Water	02/07/25 08:58	02/14/25 11:30
160-57201-39	25011233-042	Water	02/06/25 14:31	02/14/25 11:30
160-57201-40	25011233-043	Water	02/10/25 10:48	02/14/25 11:30
160-57201-41	25011233-044	Water	02/10/25 12:07	02/14/25 11:30
160-57201-42	25011233-045	Water	02/10/25 14:06	02/14/25 11:30
160-57201-43	25011233-046	Water	02/10/25 13:21	02/14/25 11:30
160-57201-44	25011233-047	Water	02/06/25 11:49	02/14/25 11:30
160-57201-45	25011233-048	Water	02/06/25 11:24	02/14/25 11:30
160-57201-46	25011233-049	Water	02/05/25 12:07	02/14/25 11:30
160-57201-47	25011233-050	Water	02/06/25 12:21	02/14/25 11:30
160-57201-48	25011233-051	Water	02/06/25 13:01	02/14/25 11:30
160-57201-49	25011233-052	Water	02/06/25 13:37	02/14/25 11:30
160-57201-50	25011233-053	Water	02/07/25 09:59	02/14/25 11:30
160-57201-51	25011233-054	Water	02/10/25 10:17	02/14/25 11:30
160-57201-52	25011233-055	Water	02/11/25 11:01	02/14/25 11:30
160-57201-53	25011233-056	Water	02/10/25 10:17	02/14/25 11:30
160-57201-54	25011233-057	Water	02/10/25 11:23	02/14/25 11:30

Sample Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-57201-55	25011233-058	Water	02/06/25 14:31	02/14/25 11:30
160-57201-56	25011233-059	Water	02/06/25 13:37	02/14/25 11:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-001

Lab Sample ID: 160-57201-1

Date Collected: 02/10/25 13:49

Matrix: Water

Date Received: 02/14/25 11:30

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	0.0904	U	0.111	0.111	1.00	0.182	pCi/L	02/18/25 07:46	03/12/25 07:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.9		30 - 110					02/18/25 07:46	03/12/25 07:27	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.540	U	0.479	0.481	1.00	0.755	pCi/L	02/18/25 07:50	03/08/25 11:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.9		30 - 110					02/18/25 07:50	03/08/25 11:14	1
Y Carrier	80.7		30 - 110					02/18/25 07:50	03/08/25 11:14	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.630	U	0.492	0.494	5.00	0.755	pCi/L		03/12/25 14:38	1

Client Sample ID: 25011233-002

Lab Sample ID: 160-57201-2

Date Collected: 02/10/25 12:38

Matrix: Water

Date Received: 02/14/25 11:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.300		0.177	0.179	1.00	0.227	pCi/L	02/18/25 07:46	03/12/25 07:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.4		30 - 110					02/18/25 07:46	03/12/25 07:27	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.692	U	0.551	0.555	1.00	0.848	pCi/L	02/18/25 07:50	03/08/25 11:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.4		30 - 110					02/18/25 07:50	03/08/25 11:14	1
Y Carrier	78.9		30 - 110					02/18/25 07:50	03/08/25 11:14	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.991		0.579	0.583	5.00	0.848	pCi/L		03/12/25 14:38	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-003

Lab Sample ID: 160-57201-3

Date Collected: 02/04/25 10:47

Matrix: Water

Date Received: 02/14/25 11:30

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	0.104	0.105	1.00	0.160	pCi/L	02/18/25 07:46	03/12/25 07:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.6		30 - 110					02/18/25 07:46	03/12/25 07:27	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.125	U	0.377	0.377	1.00	0.668	pCi/L	02/18/25 07:50	03/08/25 11:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.6		30 - 110					02/18/25 07:50	03/08/25 11:14	1
Y Carrier	78.9		30 - 110					02/18/25 07:50	03/08/25 11:14	1

Client Sample ID: 25011233-004

Lab Sample ID: 160-57201-4

Date Collected: 02/04/25 10:06

Matrix: Water

Date Received: 02/14/25 11:30

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	0.182	U	0.181	0.182	1.00	0.280	pCi/L	02/18/25 07:46	03/12/25 07:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	38.6		30 - 110					02/18/25 07:46	03/12/25 07:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.645	U G	0.780	0.782	1.00	1.29	pCi/L	02/18/25 07:50	03/08/25 11:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	38.6		30 - 110					02/18/25 07:50	03/08/25 11:15	1
Y Carrier	75.1		30 - 110					02/18/25 07:50	03/08/25 11:15	1

Client Sample ID: 25011233-005

Lab Sample ID: 160-57201-5

Date Collected: 02/04/25 12:26

Matrix: Water

Date Received: 02/14/25 11:30

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		0.109	0.110	1.00	0.150	pCi/L	02/18/25 07:46	03/12/25 07:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					02/18/25 07:46	03/12/25 07:38	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-005

Lab Sample ID: 160-57201-5

Date Collected: 02/04/25 12:26

Matrix: Water

Date Received: 02/14/25 11:30

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	0.0902	U	0.336	0.336	1.00	0.603	pCi/L	02/18/25 07:50	03/08/25 11:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					02/18/25 07:50	03/08/25 11:15	1
Y Carrier	79.6		30 - 110					02/18/25 07:50	03/08/25 11:15	1

Client Sample ID: 25011233-006

Lab Sample ID: 160-57201-6

Date Collected: 02/04/25 11:48

Matrix: Water

Date Received: 02/14/25 11:30

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	0.204	U	0.181	0.182	1.00	0.265	pCi/L	02/18/25 07:46	03/12/25 07:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					02/18/25 07:46	03/12/25 07:38	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.390	U G	0.801	0.802	1.00	1.38	pCi/L	02/18/25 07:50	03/08/25 11:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					02/18/25 07:50	03/08/25 11:15	1
Y Carrier	79.6		30 - 110					02/18/25 07:50	03/08/25 11:15	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.594	U	0.821	0.822	5.00	1.38	pCi/L		03/12/25 14:38	1

Client Sample ID: 25011233-007

Lab Sample ID: 160-57201-7

Date Collected: 02/06/25 12:43

Matrix: Water

Date Received: 02/14/25 11:30

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	0.128	U	0.113	0.114	1.00	0.170	pCi/L	02/18/25 07:46	03/12/25 07:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.6		30 - 110					02/18/25 07:46	03/12/25 07:38	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-007

Lab Sample ID: 160-57201-7

Date Collected: 02/06/25 12:43

Matrix: Water

Date Received: 02/14/25 11:30

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.275	U	0.404	0.405	1.00	0.683	pCi/L	02/18/25 07:50	03/08/25 11:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.6		30 - 110					02/18/25 07:50	03/08/25 11:15	1
Y Carrier	80.7		30 - 110					02/18/25 07:50	03/08/25 11:15	1

Client Sample ID: 25011233-008

Lab Sample ID: 160-57201-8

Date Collected: 02/10/25 09:39

Matrix: Water

Date Received: 02/14/25 11:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.114	U	0.106	0.107	1.00	0.162	pCi/L	02/18/25 07:46	03/12/25 07:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.6		30 - 110					02/18/25 07:46	03/12/25 07:38	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0909	U	0.356	0.356	1.00	0.641	pCi/L	02/18/25 07:50	03/08/25 11:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.6		30 - 110					02/18/25 07:50	03/08/25 11:15	1
Y Carrier	77.4		30 - 110					02/18/25 07:50	03/08/25 11:15	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.205	U	0.371	0.372	5.00	0.641	pCi/L		03/12/25 14:38	1

Client Sample ID: 25011233-009

Lab Sample ID: 160-57201-9

Date Collected: 02/06/25 09:44

Matrix: Water

Date Received: 02/14/25 11:30

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	0.142	U	0.119	0.120	1.00	0.180	pCi/L	02/18/25 07:46	03/12/25 07:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					02/18/25 07:46	03/12/25 07:38	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-009

Lab Sample ID: 160-57201-9

Date Collected: 02/06/25 09:44

Matrix: Water

Date Received: 02/14/25 11:30

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	0.483	U	0.379	0.382	1.00	0.586	pCi/L	02/18/25 07:50	03/08/25 11:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					02/18/25 07:50	03/08/25 11:15	1
Y Carrier	79.3		30 - 110					02/18/25 07:50	03/08/25 11:15	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.625		0.397	0.400	5.00	0.586	pCi/L		03/12/25 14:38	1

Client Sample ID: 25011233-010

Lab Sample ID: 160-57201-10

Date Collected: 02/06/25 09:13

Matrix: Water

Date Received: 02/14/25 11:30

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	0.271		0.145	0.148	1.00	0.185	pCi/L	02/18/25 07:46	03/12/25 07:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.1		30 - 110					02/18/25 07:46	03/12/25 07:38	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.521	U	0.415	0.418	1.00	0.641	pCi/L	02/18/25 07:50	03/08/25 11:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.1		30 - 110					02/18/25 07:50	03/08/25 11:15	1
Y Carrier	78.1		30 - 110					02/18/25 07:50	03/08/25 11:15	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.792		0.440	0.443	5.00	0.641	pCi/L		03/12/25 14:38	1

Client Sample ID: 25011233-011

Lab Sample ID: 160-57201-11

Date Collected: 02/06/25 11:20

Matrix: Water

Date Received: 02/14/25 11:30

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	0.226		0.135	0.136	1.00	0.181	pCi/L	02/18/25 07:46	03/12/25 07:38	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-011

Lab Sample ID: 160-57201-11

Date Collected: 02/06/25 11:20

Matrix: Water

Date Received: 02/14/25 11:30

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	81.8		30 - 110	02/18/25 07:46	03/12/25 07:38	1

Method: EPA 904.0 - Radium-228 (GFPC)

			Count	Total						
			Uncert.	Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.731		0.416	0.422	1.00	0.591	pCi/L	02/18/25 07:50	03/08/25 11:17	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	81.8		30 - 110							
Y Carrier	75.1		30 - 110							
								Prepared	Analyzed	Dil Fac
								02/18/25 07:50	03/08/25 11:17	1
								02/18/25 07:50	03/08/25 11:17	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	0.957		0.437	0.443	5.00	0.591	pCi/L		03/12/25 14:38	1

Client Sample ID: 25011233-012

Lab Sample ID: 160-57201-12

Date Collected: 02/05/25 13:12

Matrix: Water

Date Received: 02/14/25 11:30

Method: EPA 903.0 - Radium-226 (GFPC)

			Count Uncert.	Total Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.183		0.125	0.126	1.00	0.176	pCi/L	02/18/25 07:46	03/12/25 07:38	1
Carrier	%Yield	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
Ba Carrier	84.6		30 - 110				02/18/25 07:46	03/12/25 07:38	1	

Method: EPA 904.0 - Radium-228 (GFPC)

			Count Uncert.	Total Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.409	U	0.304	0.306	1.00	0.454	pCi/L	02/18/25 07:50	03/08/25 11:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					02/18/25 07:50	03/08/25 11:17	1
Y Carrier	82.2		30 - 110					02/18/25 07:50	03/08/25 11:17	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	0.592		0.329	0.331	5.00	0.454	pCi/L		03/12/25 14:38	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-013

Lab Sample ID: 160-57201-13

Date Collected: 02/05/25 12:47

Matrix: Water

Date Received: 02/14/25 11:30

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	0.0475	U	0.0805	0.0806	1.00	0.142	pCi/L	02/18/25 07:46	03/12/25 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					02/18/25 07:46	03/12/25 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	0.0537	U	0.284	0.285	1.00	0.523	pCi/L	02/18/25 07:50	03/08/25 11:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					02/18/25 07:50	03/08/25 11:17	1
Y Carrier	82.2		30 - 110					02/18/25 07:50	03/08/25 11:17	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	0.295	0.296	5.00	0.523	pCi/L		03/12/25 14:38	1

Client Sample ID: 25011233-014

Lab Sample ID: 160-57201-14

Date Collected: 02/04/25 14:10

Matrix: Water

Date Received: 02/14/25 11:30

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	0.317		0.137	0.140	1.00	0.142	pCi/L	02/18/25 07:46	03/12/25 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					02/18/25 07:46	03/12/25 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	0.302	U	0.343	0.344	1.00	0.561	pCi/L	02/18/25 07:50	03/08/25 11:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					02/18/25 07:50	03/08/25 11:17	1
Y Carrier	81.1		30 - 110					02/18/25 07:50	03/08/25 11:17	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	0.619		0.369	0.371	5.00	0.561	pCi/L		03/12/25 14:38	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-015

Lab Sample ID: 160-57201-15

Date Collected: 02/04/25 13:03

Matrix: Water

Date Received: 02/14/25 11:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.156		0.101	0.102	1.00	0.130	pCi/L	02/18/25 07:46	03/12/25 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					02/18/25 07:46	03/12/25 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	0.281	U	0.309	0.310	1.00	0.503	pCi/L	02/18/25 07:50	03/08/25 11:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					02/18/25 07:50	03/08/25 11:17	1
Y Carrier	83.0		30 - 110					02/18/25 07:50	03/08/25 11:17	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	0.437	U	0.325	0.326	5.00	0.503	pCi/L		03/12/25 14:38	1

Client Sample ID: 25011233-016

Lab Sample ID: 160-57201-16

Date Collected: 02/07/25 09:01

Matrix: Water

Date Received: 02/14/25 11:30

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	0.151		0.102	0.103	1.00	0.136	pCi/L	02/18/25 07:46	03/12/25 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					02/18/25 07:46	03/12/25 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	0.345	U	0.315	0.317	1.00	0.497	pCi/L	02/18/25 07:50	03/08/25 11:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					02/18/25 07:50	03/08/25 11:17	1
Y Carrier	82.2		30 - 110					02/18/25 07:50	03/08/25 11:17	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	0.496	U	0.331	0.333	5.00	0.497	pCi/L		03/12/25 14:38	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-017

Lab Sample ID: 160-57201-17

Date Collected: 02/11/25 11:17

Matrix: Water

Date Received: 02/14/25 11:30

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	0.190	U	0.148	0.149	1.00	0.220	pCi/L	02/18/25 07:46	03/12/25 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.8		30 - 110					02/18/25 07:46	03/12/25 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	0.0958	U	0.342	0.342	1.00	0.616	pCi/L	02/18/25 07:50	03/08/25 11:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.8		30 - 110					02/18/25 07:50	03/08/25 11:25	1
Y Carrier	79.3		30 - 110					02/18/25 07:50	03/08/25 11:25	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	0.286	U	0.373	0.373	5.00	0.616	pCi/L		03/12/25 14:38	1

Client Sample ID: 25011233-018

Lab Sample ID: 160-57201-18

Date Collected: 02/11/25 09:50

Matrix: Water

Date Received: 02/14/25 11:30

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	0.0773	U	0.0951	0.0954	1.00	0.157	pCi/L	02/18/25 07:46	03/12/25 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.6		30 - 110					02/18/25 07:46	03/12/25 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	-0.0313	U	0.355	0.355	1.00	0.669	pCi/L	02/18/25 07:50	03/08/25 11:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.6		30 - 110					02/18/25 07:50	03/08/25 11:25	1
Y Carrier	77.0		30 - 110					02/18/25 07:50	03/08/25 11:25	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	0.0773	U	0.368	0.368	5.00	0.669	pCi/L		03/12/25 14:38	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-019

Lab Sample ID: 160-57201-19

Date Collected: 02/05/25 09:39

Matrix: Water

Date Received: 02/14/25 11:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.147	U	0.121	0.122	1.00	0.181	pCi/L	02/18/25 07:46	03/12/25 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					02/18/25 07:46	03/12/25 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	0.0955	U	0.326	0.326	1.00	0.581	pCi/L	02/18/25 07:50	03/08/25 11:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					02/18/25 07:50	03/08/25 11:25	1
Y Carrier	83.0		30 - 110					02/18/25 07:50	03/08/25 11:25	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	0.243	U	0.348	0.348	5.00	0.581	pCi/L		03/12/25 14:38	1

Client Sample ID: 25011233-021

Lab Sample ID: 160-57201-20

Date Collected: 02/05/25 11:15

Matrix: Water

Date Received: 02/14/25 11:30

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	0.440		0.304	0.307	1.00	0.435	pCi/L	02/18/25 07:52	03/12/25 07:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.1		30 - 110					02/18/25 07:52	03/12/25 07:35	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.43	G	0.771	0.783	1.00	1.10	pCi/L	02/18/25 07:55	03/11/25 13:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.1		30 - 110					02/18/25 07:55	03/11/25 13:46	1
Y Carrier	81.1		30 - 110					02/18/25 07:55	03/11/25 13:46	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.87		0.829	0.841	5.00	1.10	pCi/L		03/12/25 14:42	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-022

Lab Sample ID: 160-57201-21

Date Collected: 02/05/25 11:47

Matrix: Water

Date Received: 02/14/25 11:30

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	0.305		0.192	0.193	1.00	0.255	pCi/L	02/18/25 07:52	03/12/25 07:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					02/18/25 07:52	03/12/25 07:35	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.183	U	0.321	0.321	1.00	0.660	pCi/L	02/18/25 07:55	03/11/25 13:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					02/18/25 07:55	03/11/25 13:46	1
Y Carrier	83.0		30 - 110					02/18/25 07:55	03/11/25 13:46	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.305	U	0.374	0.375	5.00	0.660	pCi/L		03/12/25 14:42	1

Client Sample ID: 25011233-024

Lab Sample ID: 160-57201-22

Date Collected: 02/06/25 13:56

Matrix: Water

Date Received: 02/14/25 11:30

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	0.227	U	0.189	0.190	1.00	0.279	pCi/L	02/18/25 07:52	03/12/25 07:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.9		30 - 110					02/18/25 07:52	03/12/25 07:35	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0888	U	0.395	0.395	1.00	0.723	pCi/L	02/18/25 07:55	03/11/25 13:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.9		30 - 110					02/18/25 07:55	03/11/25 13:55	1
Y Carrier	78.9		30 - 110					02/18/25 07:55	03/11/25 13:55	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.315	U	0.438	0.438	5.00	0.723	pCi/L		03/12/25 14:42	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-025

Lab Sample ID: 160-57201-23

Date Collected: 02/06/25 14:23

Matrix: Water

Date Received: 02/14/25 11:30

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	0.344	U	0.252	0.254	1.00	0.371	pCi/L	02/18/25 07:52	03/12/25 07:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					02/18/25 07:52	03/12/25 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	-0.453	U	0.356	0.359	1.00	0.803	pCi/L	02/18/25 07:55	03/11/25 13:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					02/18/25 07:55	03/11/25 13:55	1
Y Carrier	83.4		30 - 110					02/18/25 07:55	03/11/25 13:55	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.344	U	0.436	0.440	5.00	0.803	pCi/L		03/12/25 14:42	1

Client Sample ID: 25011233-026

Lab Sample ID: 160-57201-24

Date Collected: 02/05/25 11:37

Matrix: Water

Date Received: 02/14/25 11:30

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	0.168	U	0.275	0.275	1.00	0.479	pCi/L	02/18/25 07:52	03/12/25 07:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.2		30 - 110					02/18/25 07:52	03/12/25 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	0.140	U G	0.766	0.766	1.00	1.39	pCi/L	02/18/25 07:55	03/11/25 13:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.2		30 - 110					02/18/25 07:55	03/11/25 13:55	1
Y Carrier	83.4		30 - 110					02/18/25 07:55	03/11/25 13:55	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.308	U	0.814	0.814	5.00	1.39	pCi/L		03/12/25 14:42	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-027

Lab Sample ID: 160-57201-25

Date Collected: 02/10/25 13:27

Matrix: Water

Date Received: 02/14/25 11:30

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	0.408		0.238	0.241	1.00	0.310	pCi/L	02/18/25 07:52	03/12/25 07:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.4		30 - 110					02/18/25 07:52	03/12/25 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	0.415	U	0.457	0.458	1.00	0.745	pCi/L	02/18/25 07:55	03/11/25 13:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.4		30 - 110					02/18/25 07:55	03/11/25 13:56	1
Y Carrier	85.2		30 - 110					02/18/25 07:55	03/11/25 13:56	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.823		0.515	0.518	5.00	0.745	pCi/L		03/12/25 14:42	1

Client Sample ID: 25011233-028

Lab Sample ID: 160-57201-26

Date Collected: 02/10/25 13:54

Matrix: Water

Date Received: 02/14/25 11:30

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	0.140	0.140	1.00	0.232	pCi/L	02/18/25 07:52	03/12/25 09:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.8		30 - 110					02/18/25 07:52	03/12/25 09:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.232	U	0.386	0.387	1.00	0.662	pCi/L	02/18/25 07:55	03/11/25 13:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.8		30 - 110					02/18/25 07:55	03/11/25 13:56	1
Y Carrier	83.4		30 - 110					02/18/25 07:55	03/11/25 13:56	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.341	U	0.411	0.412	5.00	0.662	pCi/L		03/12/25 14:42	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-029

Lab Sample ID: 160-57201-27

Date Collected: 02/11/25 09:48

Matrix: Water

Date Received: 02/14/25 11:30

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	0.568		0.252	0.257	1.00	0.275	pCi/L	02/18/25 07:52	03/12/25 09:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.9		30 - 110					02/18/25 07:52	03/12/25 09:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.150	U	0.541	0.542	1.00	0.968	pCi/L	02/18/25 07:55	03/11/25 13:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.9		30 - 110					02/18/25 07:55	03/11/25 13:56	1
Y Carrier	74.8		30 - 110					02/18/25 07:55	03/11/25 13:56	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.718	U	0.597	0.600	5.00	0.968	pCi/L		03/12/25 14:42	1

Client Sample ID: 25011233-030

Lab Sample ID: 160-57201-28

Date Collected: 02/07/25 10:17

Matrix: Water

Date Received: 02/14/25 11:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.146	U	0.217	0.218	1.00	0.370	pCi/L	02/18/25 07:52	03/12/25 09:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.9		30 - 110					02/18/25 07:52	03/12/25 09:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.421	U	0.463	0.465	1.00	0.754	pCi/L	02/18/25 07:55	03/11/25 13:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.9		30 - 110					02/18/25 07:55	03/11/25 13:56	1
Y Carrier	77.8		30 - 110					02/18/25 07:55	03/11/25 13:56	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.567	U	0.511	0.514	5.00	0.754	pCi/L		03/12/25 14:42	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-031

Lab Sample ID: 160-57201-29

Date Collected: 02/07/25 09:51

Matrix: Water

Date Received: 02/14/25 11:30

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	-0.0469	U	0.238	0.238	1.00	0.504	pCi/L	02/18/25 07:52	03/12/25 09:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.2		30 - 110					02/18/25 07:52	03/12/25 09:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0944	U G	0.902	0.902	1.00	1.68	pCi/L	02/18/25 07:55	03/11/25 13:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.2		30 - 110					02/18/25 07:55	03/11/25 13:56	1
Y Carrier	76.6		30 - 110					02/18/25 07:55	03/11/25 13:56	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.000	U	0.933	0.933	5.00	1.68	pCi/L		03/12/25 14:42	1

Client Sample ID: 25011233-032

Lab Sample ID: 160-57201-30

Date Collected: 02/10/25 11:23

Matrix: Water

Date Received: 02/14/25 11:30

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	0.0612	U	0.137	0.137	1.00	0.253	pCi/L	02/18/25 07:52	03/12/25 09:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					02/18/25 07:52	03/12/25 09:29	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.148	U	0.422	0.422	1.00	0.751	pCi/L	02/18/25 07:55	03/11/25 13:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					02/18/25 07:55	03/11/25 13:56	1
Y Carrier	81.9		30 - 110					02/18/25 07:55	03/11/25 13:56	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.210	U	0.444	0.444	5.00	0.751	pCi/L		03/12/25 14:42	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-033

Lab Sample ID: 160-57201-31

Date Collected: 02/10/25 12:21

Matrix: Water

Date Received: 02/14/25 11:30

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	0.138	U	0.157	0.157	1.00	0.252	pCi/L	02/18/25 07:52	03/12/25 09:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					02/18/25 07:52	03/12/25 09:29	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0918	U	0.424	0.424	1.00	0.766	pCi/L	02/18/25 07:55	03/11/25 13:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					02/18/25 07:55	03/11/25 13:50	1
Y Carrier	80.7		30 - 110					02/18/25 07:55	03/11/25 13:50	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	0.230	U	0.452	0.452	5.00	0.766	pCi/L		03/12/25 14:42	1

Client Sample ID: 25011233-034

Lab Sample ID: 160-57201-32

Date Collected: 02/10/25 10:14

Matrix: Water

Date Received: 02/14/25 11:30

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	0.141	0.142	1.00	0.195	pCi/L	02/18/25 07:52	03/12/25 09:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.3		30 - 110					02/18/25 07:52	03/12/25 09:29	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.297	U	0.389	0.390	1.00	0.805	pCi/L	02/18/25 07:55	03/11/25 13:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.3		30 - 110					02/18/25 07:55	03/11/25 13:50	1
Y Carrier	80.4		30 - 110					02/18/25 07:55	03/11/25 13:50	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	0.170	U	0.414	0.415	5.00	0.805	pCi/L		03/12/25 14:42	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-036

Lab Sample ID: 160-57201-33

Date Collected: 02/10/25 09:17

Matrix: Water

Date Received: 02/14/25 11:30

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	0.374		0.223	0.226	1.00	0.292	pCi/L	02/18/25 07:52	03/12/25 09:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.6		30 - 110					02/18/25 07:52	03/12/25 09:29	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.894		0.562	0.568	1.00	0.827	pCi/L	02/18/25 07:55	03/11/25 13:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.6		30 - 110					02/18/25 07:55	03/11/25 13:51	1
Y Carrier	78.1		30 - 110					02/18/25 07:55	03/11/25 13:51	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	1.27		0.605	0.611	5.00	0.827	pCi/L		03/12/25 14:42	1

Client Sample ID: 25011233-037

Lab Sample ID: 160-57201-34

Date Collected: 02/10/25 12:35

Matrix: Water

Date Received: 02/14/25 11:30

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	0.156	0.156	1.00	0.271	pCi/L	02/18/25 07:52	03/12/25 09:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.6		30 - 110					02/18/25 07:52	03/12/25 09:29	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.533	U	0.439	0.441	1.00	0.966	pCi/L	02/18/25 07:55	03/11/25 13:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.6		30 - 110					02/18/25 07:55	03/11/25 13:51	1
Y Carrier	72.5		30 - 110					02/18/25 07:55	03/11/25 13:51	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	0.0966	U	0.466	0.468	5.00	0.966	pCi/L		03/12/25 14:42	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-038

Lab Sample ID: 160-57201-35

Date Collected: 02/07/25 09:30

Matrix: Water

Date Received: 02/14/25 11:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.140	U	0.154	0.154	1.00	0.245	pCi/L	02/18/25 07:52	03/12/25 09:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					02/18/25 07:52	03/12/25 09:30	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.266	U	0.435	0.436	1.00	0.744	pCi/L	02/18/25 07:55	03/11/25 13:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					02/18/25 07:55	03/11/25 13:51	1
Y Carrier	77.4		30 - 110					02/18/25 07:55	03/11/25 13:51	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	0.405	U	0.461	0.462	5.00	0.744	pCi/L		03/12/25 14:42	1

Client Sample ID: 25011233-039

Lab Sample ID: 160-57201-36

Date Collected: 02/10/25 11:26

Matrix: Water

Date Received: 02/14/25 11:30

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	0.0926	U	0.127	0.127	1.00	0.214	pCi/L	02/18/25 07:52	03/12/25 09:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110					02/18/25 07:52	03/12/25 09:30	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.212	U	0.361	0.362	1.00	0.623	pCi/L	02/18/25 07:55	03/11/25 13:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110					02/18/25 07:55	03/11/25 13:51	1
Y Carrier	81.1		30 - 110					02/18/25 07:55	03/11/25 13:51	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	0.304	U	0.383	0.384	5.00	0.623	pCi/L		03/12/25 14:42	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-040

Lab Sample ID: 160-57201-37

Date Collected: 02/11/25 10:24

Matrix: Water

Date Received: 02/14/25 11:30

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	0.0400	U	0.131	0.131	1.00	0.251	pCi/L	02/18/25 07:52	03/12/25 09:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					02/18/25 07:52	03/12/25 09:30	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.223	U	0.303	0.303	1.00	0.645	pCi/L	02/18/25 07:55	03/11/25 13:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					02/18/25 07:55	03/11/25 13:51	1
Y Carrier	83.7		30 - 110					02/18/25 07:55	03/11/25 13:51	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	0.0400	U	0.330	0.330	5.00	0.645	pCi/L		03/12/25 14:42	1

Client Sample ID: 25011233-041

Lab Sample ID: 160-57201-38

Date Collected: 02/07/25 08:58

Matrix: Water

Date Received: 02/14/25 11:30

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	0.299		0.197	0.199	1.00	0.266	pCi/L	02/18/25 07:52	03/12/25 09:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.8		30 - 110					02/18/25 07:52	03/12/25 09:30	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.489	U	0.473	0.475	1.00	0.759	pCi/L	02/18/25 07:55	03/11/25 13:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.8		30 - 110					02/18/25 07:55	03/11/25 13:51	1
Y Carrier	81.9		30 - 110					02/18/25 07:55	03/11/25 13:51	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	0.789		0.512	0.515	5.00	0.759	pCi/L		03/12/25 14:42	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-042

Lab Sample ID: 160-57201-39

Date Collected: 02/06/25 14:31

Matrix: Water

Date Received: 02/14/25 11:30

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	0.539		0.238	0.243	1.00	0.256	pCi/L	02/18/25 07:52	03/12/25 09:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					02/18/25 07:52	03/12/25 09:30	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.325	U	0.534	0.535	1.00	0.908	pCi/L	02/18/25 07:55	03/11/25 13:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					02/18/25 07:55	03/11/25 13:51	1
Y Carrier	81.1		30 - 110					02/18/25 07:55	03/11/25 13:51	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	0.864	U	0.585	0.588	5.00	0.908	pCi/L		03/12/25 14:42	1

Client Sample ID: 25011233-043

Lab Sample ID: 160-57201-40

Date Collected: 02/10/25 10:48

Matrix: Water

Date Received: 02/14/25 11:30

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	0.182	U	0.151	0.152	1.00	0.222	pCi/L	02/18/25 07:58	03/12/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.6		30 - 110					02/18/25 07:58	03/12/25 09:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.175	U	0.442	0.442	1.00	0.893	pCi/L	02/18/25 08:02	03/10/25 14:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.6		30 - 110					02/18/25 08:02	03/10/25 14:02	1
Y Carrier	71.0		30 - 110					02/18/25 08:02	03/10/25 14:02	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	0.182	U	0.467	0.467	5.00	0.893	pCi/L		03/12/25 14:46	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-044

Lab Sample ID: 160-57201-41

Date Collected: 02/10/25 12:07

Matrix: Water

Date Received: 02/14/25 11:30

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	0.179	U	0.145	0.146	1.00	0.213	pCi/L	02/18/25 07:58	03/12/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					02/18/25 07:58	03/12/25 09:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.601	U	0.541	0.544	1.00	0.857	pCi/L	02/18/25 08:02	03/10/25 14:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					02/18/25 08:02	03/10/25 14:02	1
Y Carrier	74.8		30 - 110					02/18/25 08:02	03/10/25 14:02	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	0.779	U	0.560	0.563	5.00	0.857	pCi/L		03/12/25 14:46	1

Client Sample ID: 25011233-045

Lab Sample ID: 160-57201-42

Date Collected: 02/10/25 14:06

Matrix: Water

Date Received: 02/14/25 11:30

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	0.151	0.152	1.00	0.245	pCi/L	02/18/25 07:58	03/12/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					02/18/25 07:58	03/12/25 09:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.501	U	0.543	0.545	1.00	0.887	pCi/L	02/18/25 08:02	03/10/25 14:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					02/18/25 08:02	03/10/25 14:02	1
Y Carrier	80.4		30 - 110					02/18/25 08:02	03/10/25 14:02	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	0.634	U	0.564	0.566	5.00	0.887	pCi/L		03/12/25 14:46	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-046

Lab Sample ID: 160-57201-43

Date Collected: 02/10/25 13:21

Matrix: Water

Date Received: 02/14/25 11:30

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	0.0858	U	0.133	0.134	1.00	0.230	pCi/L	02/18/25 07:58	03/12/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					02/18/25 07:58	03/12/25 09:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.333	U	0.489	0.490	1.00	0.826	pCi/L	02/18/25 08:02	03/10/25 14:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					02/18/25 08:02	03/10/25 14:02	1
Y Carrier	77.8		30 - 110					02/18/25 08:02	03/10/25 14:02	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	0.419	U	0.507	0.508	5.00	0.826	pCi/L		03/12/25 14:46	1

Client Sample ID: 25011233-047

Lab Sample ID: 160-57201-44

Date Collected: 02/06/25 11:49

Matrix: Water

Date Received: 02/14/25 11:30

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	0.201	U	0.155	0.156	1.00	0.228	pCi/L	02/18/25 07:58	03/12/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					02/18/25 07:58	03/12/25 09:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.364	U	0.470	0.471	1.00	0.782	pCi/L	02/18/25 08:02	03/10/25 14:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					02/18/25 08:02	03/10/25 14:03	1
Y Carrier	75.5		30 - 110					02/18/25 08:02	03/10/25 14:03	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.565	U	0.495	0.496	5.00	0.782	pCi/L		03/12/25 14:46	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-048

Lab Sample ID: 160-57201-45

Date Collected: 02/06/25 11:24

Matrix: Water

Date Received: 02/14/25 11:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.148	U	0.142	0.143	1.00	0.222	pCi/L	02/18/25 07:58	03/12/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110					02/18/25 07:58	03/12/25 09:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.221	U	0.426	0.427	1.00	0.738	pCi/L	02/18/25 08:02	03/10/25 14:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110					02/18/25 08:02	03/10/25 14:03	1
Y Carrier	78.1		30 - 110					02/18/25 08:02	03/10/25 14:03	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.369	U	0.449	0.450	5.00	0.738	pCi/L		03/12/25 14:46	1

Client Sample ID: 25011233-049

Lab Sample ID: 160-57201-46

Date Collected: 02/05/25 12:07

Matrix: Water

Date Received: 02/14/25 11:30

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	0.106	U	0.118	0.118	1.00	0.188	pCi/L	02/18/25 07:58	03/12/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					02/18/25 07:58	03/12/25 09:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0452	U	0.417	0.417	1.00	0.771	pCi/L	02/18/25 08:02	03/10/25 14:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					02/18/25 08:02	03/10/25 14:03	1
Y Carrier	76.3		30 - 110					02/18/25 08:02	03/10/25 14:03	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.151	U	0.433	0.433	5.00	0.771	pCi/L		03/12/25 14:46	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-050

Lab Sample ID: 160-57201-47

Date Collected: 02/06/25 12:21

Matrix: Water

Date Received: 02/14/25 11:30

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	0.0923	U	0.107	0.108	1.00	0.173	pCi/L	02/18/25 07:58	03/12/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					02/18/25 07:58	03/12/25 09:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.255	U	0.425	0.426	1.00	0.729	pCi/L	02/18/25 08:02	03/10/25 14:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					02/18/25 08:02	03/10/25 14:05	1
Y Carrier	72.9		30 - 110					02/18/25 08:02	03/10/25 14:05	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	0.348	U	0.438	0.439	5.00	0.729	pCi/L		03/12/25 14:46	1

Client Sample ID: 25011233-051

Lab Sample ID: 160-57201-48

Date Collected: 02/06/25 13:01

Matrix: Water

Date Received: 02/14/25 11:30

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	0.116	0.116	1.00	0.180	pCi/L	02/18/25 07:58	03/12/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.3		30 - 110					02/18/25 07:58	03/12/25 09:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.590	U	0.439	0.442	1.00	0.655	pCi/L	02/18/25 08:02	03/10/25 14:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.3		30 - 110					02/18/25 08:02	03/10/25 14:05	1
Y Carrier	76.3		30 - 110					02/18/25 08:02	03/10/25 14:05	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	0.702		0.454	0.457	5.00	0.655	pCi/L		03/12/25 14:46	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-052

Lab Sample ID: 160-57201-49

Date Collected: 02/06/25 13:37

Matrix: Water

Date Received: 02/14/25 11:30

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	0.162	U	0.130	0.131	1.00	0.185	pCi/L	02/18/25 07:58	03/12/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					02/18/25 07:58	03/12/25 09:41	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.850		0.521	0.527	1.00	0.753	pCi/L	02/18/25 08:02	03/10/25 14:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					02/18/25 08:02	03/10/25 14:05	1
Y Carrier	75.5		30 - 110					02/18/25 08:02	03/10/25 14:05	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.01		0.537	0.543	5.00	0.753	pCi/L		03/12/25 14:46	1

Client Sample ID: 25011233-053

Lab Sample ID: 160-57201-50

Date Collected: 02/07/25 09:59

Matrix: Water

Date Received: 02/14/25 11:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.113	U	0.163	0.163	1.00	0.276	pCi/L	02/18/25 07:58	03/12/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					02/18/25 07:58	03/12/25 09:42	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.191	U	0.475	0.475	1.00	0.842	pCi/L	02/18/25 08:02	03/10/25 14:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					02/18/25 08:02	03/10/25 14:05	1
Y Carrier	66.9		30 - 110					02/18/25 08:02	03/10/25 14:05	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	0.304	U	0.502	0.502	5.00	0.842	pCi/L		03/12/25 14:46	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-054

Lab Sample ID: 160-57201-51

Date Collected: 02/10/25 10:17

Matrix: Water

Date Received: 02/14/25 11:30

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	0.288		0.162	0.165	1.00	0.206	pCi/L	02/18/25 07:58	03/12/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					02/18/25 07:58	03/12/25 09:42	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.308	U	0.475	0.476	1.00	0.809	pCi/L	02/18/25 08:02	03/10/25 14:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					02/18/25 08:02	03/10/25 14:05	1
Y Carrier	70.7		30 - 110					02/18/25 08:02	03/10/25 14:05	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	0.596	U	0.502	0.504	5.00	0.809	pCi/L		03/12/25 14:46	1

Client Sample ID: 25011233-055

Lab Sample ID: 160-57201-52

Date Collected: 02/11/25 11:01

Matrix: Water

Date Received: 02/14/25 11:30

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	0.102	0.103	1.00	0.191	pCi/L	02/18/25 07:58	03/12/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					02/18/25 07:58	03/12/25 09:42	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.528	U	0.476	0.478	1.00	0.752	pCi/L	02/18/25 08:02	03/10/25 14:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					02/18/25 08:02	03/10/25 14:15	1
Y Carrier	74.4		30 - 110					02/18/25 08:02	03/10/25 14:15	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.569	U	0.487	0.489	5.00	0.752	pCi/L		03/12/25 14:46	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-056

Lab Sample ID: 160-57201-53

Date Collected: 02/10/25 10:17

Matrix: Water

Date Received: 02/14/25 11:30

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		0.229	0.234	1.00	0.289	pCi/L	02/18/25 07:58	03/12/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110					02/18/25 07:58	03/12/25 09:42	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.708	U	0.613	0.617	1.00	0.967	pCi/L	02/18/25 08:02	03/10/25 14:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110					02/18/25 08:02	03/10/25 14:15	1
Y Carrier	70.3		30 - 110					02/18/25 08:02	03/10/25 14:15	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.21		0.654	0.660	5.00	0.967	pCi/L		03/12/25 14:46	1

Client Sample ID: 25011233-057

Lab Sample ID: 160-57201-54

Date Collected: 02/10/25 11:23

Matrix: Water

Date Received: 02/14/25 11:30

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	-0.0120	U	0.100	0.100	1.00	0.216	pCi/L	02/18/25 07:58	03/12/25 09:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.4		30 - 110					02/18/25 07:58	03/12/25 09:36	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.147	U	0.508	0.508	1.00	0.987	pCi/L	02/18/25 08:02	03/10/25 14:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.4		30 - 110					02/18/25 08:02	03/10/25 14:15	1
Y Carrier	70.3		30 - 110					02/18/25 08:02	03/10/25 14:15	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.000	U	0.518	0.518	5.00	0.987	pCi/L		03/12/25 14:46	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client Sample ID: 25011233-058

Lab Sample ID: 160-57201-55

Date Collected: 02/06/25 14:31

Matrix: Water

Date Received: 02/14/25 11:30

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	0.538		0.197	0.202	1.00	0.200	pCi/L	02/18/25 07:58	03/12/25 09:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					02/18/25 07:58	03/12/25 09:36	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.19		0.604	0.614	1.00	0.849	pCi/L	02/18/25 08:02	03/10/25 14:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					02/18/25 08:02	03/10/25 14:15	1
Y Carrier	74.8		30 - 110					02/18/25 08:02	03/10/25 14:15	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.72		0.635	0.646	5.00	0.849	pCi/L		03/12/25 14:46	1

Client Sample ID: 25011233-059

Lab Sample ID: 160-57201-56

Date Collected: 02/06/25 13:37

Matrix: Water

Date Received: 02/14/25 11:30

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	0.206	U	0.153	0.154	1.00	0.217	pCi/L	02/18/25 07:58	03/12/25 09:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					02/18/25 07:58	03/12/25 09:36	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.00731	U	0.473	0.473	1.00	0.890	pCi/L	02/18/25 08:02	03/10/25 14:16	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110					02/18/25 08:02	03/10/25 14:16	1
Y Carrier	76.3		30 - 110					02/18/25 08:02	03/10/25 14:16	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.206	U	0.497	0.497	5.00	0.890	pCi/L		03/12/25 14:46	1

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QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-703452/1-A
Matrix: Water
Analysis Batch: 707379

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703452

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1077		0.0781	0.0786	1.00	0.102	pCi/L	02/18/25 07:46	03/12/25 07:26	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					02/18/25 07:46	03/12/25 07:26	1

Lab Sample ID: LCS 160-703452/2-A
Matrix: Water
Analysis Batch: 707379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703452

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.749		1.09	1.00	0.155	pCi/L	102	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	85.1		30 - 110							

Lab Sample ID: 160-57201-1 DU
Matrix: Water
Analysis Batch: 707379

Client Sample ID: 25011233-001
Prep Type: Total/NA
Prep Batch: 703452

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.0904	U	0.1959		0.116	1.00	0.141	pCi/L	0.46	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	78.6		30 - 110							

Lab Sample ID: MB 160-703454/1-A
Matrix: Water
Analysis Batch: 707380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703454

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.03696	U	0.133	0.133	1.00	0.257	pCi/L	02/18/25 07:52	03/12/25 07:41	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					02/18/25 07:52	03/12/25 07:41	1

Lab Sample ID: LCS 160-703454/2-A
Matrix: Water
Analysis Batch: 707380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703454

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.759		1.24	1.00	0.361	pCi/L	102	75 - 125

Eurofins St. Louis

QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-703454/2-A
Matrix: Water
Analysis Batch: 707380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703454

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	86.1		30 - 110

Lab Sample ID: 160-57201-21 DU
Matrix: Water
Analysis Batch: 707381

Client Sample ID: 25011233-022
Prep Type: Total/NA
Prep Batch: 703454

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.305		0.1381	U	0.166	1.00	0.271	pCi/L	0.47	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	85.3		30 - 110							

Lab Sample ID: MB 160-703456/1-A
Matrix: Water
Analysis Batch: 707380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703456

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.08198	U	0.115	0.115	1.00	0.194	pCi/L	02/18/25 07:58	03/12/25 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					02/18/25 07:58	03/12/25 09:40	1

Lab Sample ID: LCS 160-703456/2-A
Matrix: Water
Analysis Batch: 707380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703456

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	9.444		1.13	1.00	0.173	pCi/L	99	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	85.3		30 - 110						

Lab Sample ID: 160-57201-51 DU
Matrix: Water
Analysis Batch: 707380

Client Sample ID: 25011233-054
Prep Type: Total/NA
Prep Batch: 703456

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.288		0.2518		0.170	1.00	0.235	pCi/L	0.11	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	88.6		30 - 110							

QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-703453/1-A
Matrix: Water
Analysis Batch: 706626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703453

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1171	U	0.297	0.297	1.00	0.523	pCi/L	02/18/25 07:50	03/08/25 11:14	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					02/18/25 07:50	03/08/25 11:14	1
Y Carrier	83.4		30 - 110					02/18/25 07:50	03/08/25 11:14	1

Lab Sample ID: LCS 160-703453/2-A
Matrix: Water
Analysis Batch: 706626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703453

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.04	8.953		1.26	1.00	0.511	pCi/L	111	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	85.1		30 - 110						
Y Carrier	81.9		30 - 110						

Lab Sample ID: 160-57201-1 DU
Matrix: Water
Analysis Batch: 706626

Client Sample ID: 25011233-001
Prep Type: Total/NA
Prep Batch: 703453

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.540	U	0.04781	U	0.369	1.00	0.675	pCi/L	0.58	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	78.6		30 - 110							
Y Carrier	78.1		30 - 110							

Lab Sample ID: MB 160-703455/1-A
Matrix: Water
Analysis Batch: 707020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703455

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5605	U	0.448	0.451	1.00	0.686	pCi/L	02/18/25 07:55	03/11/25 14:51	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					02/18/25 07:55	03/11/25 14:51	1
Y Carrier	81.9		30 - 110					02/18/25 07:55	03/11/25 14:51	1

QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-703455/2-A
Matrix: Water
Analysis Batch: 707020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703455

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		8.03	7.693		1.26	1.00	0.769	pCi/L	96	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	86.1		30 - 110							
Y Carrier	80.7		30 - 110							

Lab Sample ID: 160-57201-21 DU
Matrix: Water
Analysis Batch: 707020

Client Sample ID: 25011233-022
Prep Type: Total/NA
Prep Batch: 703455

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	-0.183	U	0.1582	U	0.311	1.00	0.546	pCi/L	0.54	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	85.3		30 - 110							
Y Carrier	86.4		30 - 110							

Lab Sample ID: MB 160-703457/1-A
Matrix: Water
Analysis Batch: 706931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703457

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.08004	U	0.369	0.369	1.00	0.717	pCi/L	02/18/25 08:02	03/10/25 14:00	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	87.8		30 - 110							
Y Carrier	80.7		30 - 110							

Lab Sample ID: LCS 160-703457/2-A
Matrix: Water
Analysis Batch: 706931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703457

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		8.03	10.38		1.56	1.00	0.826	pCi/L	129	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	85.3		30 - 110							
Y Carrier	77.8		30 - 110							

QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 160-57201-51 DU
Matrix: Water
Analysis Batch: 706931

Client Sample ID: 25011233-054
Prep Type: Total/NA
Prep Batch: 703457

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	Limit
Radium-228	0.308	U	0.3862	U	0.428	1.00	0.695	pCi/L	0.09	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	88.6		30 - 110
Y Carrier	75.1		30 - 110

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEIN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Rad

Prep Batch: 703452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57201-1	25011233-001	Total/NA	Water	PrecSep-21	
160-57201-2	25011233-002	Total/NA	Water	PrecSep-21	
160-57201-3	25011233-003	Total/NA	Water	PrecSep-21	
160-57201-4	25011233-004	Total/NA	Water	PrecSep-21	
160-57201-5	25011233-005	Total/NA	Water	PrecSep-21	
160-57201-6	25011233-006	Total/NA	Water	PrecSep-21	
160-57201-7	25011233-007	Total/NA	Water	PrecSep-21	
160-57201-8	25011233-008	Total/NA	Water	PrecSep-21	
160-57201-9	25011233-009	Total/NA	Water	PrecSep-21	
160-57201-10	25011233-010	Total/NA	Water	PrecSep-21	
160-57201-11	25011233-011	Total/NA	Water	PrecSep-21	
160-57201-12	25011233-012	Total/NA	Water	PrecSep-21	
160-57201-13	25011233-013	Total/NA	Water	PrecSep-21	
160-57201-14	25011233-014	Total/NA	Water	PrecSep-21	
160-57201-15	25011233-015	Total/NA	Water	PrecSep-21	
160-57201-16	25011233-016	Total/NA	Water	PrecSep-21	
160-57201-17	25011233-017	Total/NA	Water	PrecSep-21	
160-57201-18	25011233-018	Total/NA	Water	PrecSep-21	
160-57201-19	25011233-019	Total/NA	Water	PrecSep-21	
MB 160-703452/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-703452/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-57201-1 DU	25011233-001	Total/NA	Water	PrecSep-21	

Prep Batch: 703453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57201-1	25011233-001	Total/NA	Water	PrecSep_0	
160-57201-2	25011233-002	Total/NA	Water	PrecSep_0	
160-57201-3	25011233-003	Total/NA	Water	PrecSep_0	
160-57201-4	25011233-004	Total/NA	Water	PrecSep_0	
160-57201-5	25011233-005	Total/NA	Water	PrecSep_0	
160-57201-6	25011233-006	Total/NA	Water	PrecSep_0	
160-57201-7	25011233-007	Total/NA	Water	PrecSep_0	
160-57201-8	25011233-008	Total/NA	Water	PrecSep_0	
160-57201-9	25011233-009	Total/NA	Water	PrecSep_0	
160-57201-10	25011233-010	Total/NA	Water	PrecSep_0	
160-57201-11	25011233-011	Total/NA	Water	PrecSep_0	
160-57201-12	25011233-012	Total/NA	Water	PrecSep_0	
160-57201-13	25011233-013	Total/NA	Water	PrecSep_0	
160-57201-14	25011233-014	Total/NA	Water	PrecSep_0	
160-57201-15	25011233-015	Total/NA	Water	PrecSep_0	
160-57201-16	25011233-016	Total/NA	Water	PrecSep_0	
160-57201-17	25011233-017	Total/NA	Water	PrecSep_0	
160-57201-18	25011233-018	Total/NA	Water	PrecSep_0	
160-57201-19	25011233-019	Total/NA	Water	PrecSep_0	
MB 160-703453/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-703453/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-57201-1 DU	25011233-001	Total/NA	Water	PrecSep_0	

Prep Batch: 703454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57201-20	25011233-021	Total/NA	Water	PrecSep-21	

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QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEIN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Rad (Continued)

Prep Batch: 703454 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57201-21	25011233-022	Total/NA	Water	PrecSep-21	
160-57201-22	25011233-024	Total/NA	Water	PrecSep-21	
160-57201-23	25011233-025	Total/NA	Water	PrecSep-21	
160-57201-24	25011233-026	Total/NA	Water	PrecSep-21	
160-57201-25	25011233-027	Total/NA	Water	PrecSep-21	
160-57201-26	25011233-028	Total/NA	Water	PrecSep-21	
160-57201-27	25011233-029	Total/NA	Water	PrecSep-21	
160-57201-28	25011233-030	Total/NA	Water	PrecSep-21	
160-57201-29	25011233-031	Total/NA	Water	PrecSep-21	
160-57201-30	25011233-032	Total/NA	Water	PrecSep-21	
160-57201-31	25011233-033	Total/NA	Water	PrecSep-21	
160-57201-32	25011233-034	Total/NA	Water	PrecSep-21	
160-57201-33	25011233-036	Total/NA	Water	PrecSep-21	
160-57201-34	25011233-037	Total/NA	Water	PrecSep-21	
160-57201-35	25011233-038	Total/NA	Water	PrecSep-21	
160-57201-36	25011233-039	Total/NA	Water	PrecSep-21	
160-57201-37	25011233-040	Total/NA	Water	PrecSep-21	
160-57201-38	25011233-041	Total/NA	Water	PrecSep-21	
160-57201-39	25011233-042	Total/NA	Water	PrecSep-21	
MB 160-703454/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-703454/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-57201-21 DU	25011233-022	Total/NA	Water	PrecSep-21	

Prep Batch: 703455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57201-20	25011233-021	Total/NA	Water	PrecSep_0	
160-57201-21	25011233-022	Total/NA	Water	PrecSep_0	
160-57201-22	25011233-024	Total/NA	Water	PrecSep_0	
160-57201-23	25011233-025	Total/NA	Water	PrecSep_0	
160-57201-24	25011233-026	Total/NA	Water	PrecSep_0	
160-57201-25	25011233-027	Total/NA	Water	PrecSep_0	
160-57201-26	25011233-028	Total/NA	Water	PrecSep_0	
160-57201-27	25011233-029	Total/NA	Water	PrecSep_0	
160-57201-28	25011233-030	Total/NA	Water	PrecSep_0	
160-57201-29	25011233-031	Total/NA	Water	PrecSep_0	
160-57201-30	25011233-032	Total/NA	Water	PrecSep_0	
160-57201-31	25011233-033	Total/NA	Water	PrecSep_0	
160-57201-32	25011233-034	Total/NA	Water	PrecSep_0	
160-57201-33	25011233-036	Total/NA	Water	PrecSep_0	
160-57201-34	25011233-037	Total/NA	Water	PrecSep_0	
160-57201-35	25011233-038	Total/NA	Water	PrecSep_0	
160-57201-36	25011233-039	Total/NA	Water	PrecSep_0	
160-57201-37	25011233-040	Total/NA	Water	PrecSep_0	
160-57201-38	25011233-041	Total/NA	Water	PrecSep_0	
160-57201-39	25011233-042	Total/NA	Water	PrecSep_0	
MB 160-703455/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-703455/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-57201-21 DU	25011233-022	Total/NA	Water	PrecSep_0	

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-57201-1
SDG: 25011233

Rad

Prep Batch: 703456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57201-40	25011233-043	Total/NA	Water	PrecSep-21	
160-57201-41	25011233-044	Total/NA	Water	PrecSep-21	
160-57201-42	25011233-045	Total/NA	Water	PrecSep-21	
160-57201-43	25011233-046	Total/NA	Water	PrecSep-21	
160-57201-44	25011233-047	Total/NA	Water	PrecSep-21	
160-57201-45	25011233-048	Total/NA	Water	PrecSep-21	
160-57201-46	25011233-049	Total/NA	Water	PrecSep-21	
160-57201-47	25011233-050	Total/NA	Water	PrecSep-21	
160-57201-48	25011233-051	Total/NA	Water	PrecSep-21	
160-57201-49	25011233-052	Total/NA	Water	PrecSep-21	
160-57201-50	25011233-053	Total/NA	Water	PrecSep-21	
160-57201-51	25011233-054	Total/NA	Water	PrecSep-21	
160-57201-52	25011233-055	Total/NA	Water	PrecSep-21	
160-57201-53	25011233-056	Total/NA	Water	PrecSep-21	
160-57201-54	25011233-057	Total/NA	Water	PrecSep-21	
160-57201-55	25011233-058	Total/NA	Water	PrecSep-21	
160-57201-56	25011233-059	Total/NA	Water	PrecSep-21	
MB 160-703456/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-703456/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-57201-51 DU	25011233-054	Total/NA	Water	PrecSep-21	

Prep Batch: 703457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57201-40	25011233-043	Total/NA	Water	PrecSep_0	
160-57201-41	25011233-044	Total/NA	Water	PrecSep_0	
160-57201-42	25011233-045	Total/NA	Water	PrecSep_0	
160-57201-43	25011233-046	Total/NA	Water	PrecSep_0	
160-57201-44	25011233-047	Total/NA	Water	PrecSep_0	
160-57201-45	25011233-048	Total/NA	Water	PrecSep_0	
160-57201-46	25011233-049	Total/NA	Water	PrecSep_0	
160-57201-47	25011233-050	Total/NA	Water	PrecSep_0	
160-57201-48	25011233-051	Total/NA	Water	PrecSep_0	
160-57201-49	25011233-052	Total/NA	Water	PrecSep_0	
160-57201-50	25011233-053	Total/NA	Water	PrecSep_0	
160-57201-51	25011233-054	Total/NA	Water	PrecSep_0	
160-57201-52	25011233-055	Total/NA	Water	PrecSep_0	
160-57201-53	25011233-056	Total/NA	Water	PrecSep_0	
160-57201-54	25011233-057	Total/NA	Water	PrecSep_0	
160-57201-55	25011233-058	Total/NA	Water	PrecSep_0	
160-57201-56	25011233-059	Total/NA	Water	PrecSep_0	
MB 160-703457/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-703457/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-57201-51 DU	25011233-054	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57201-1
SDG: 25011233

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba					
Lab Sample ID	Client Sample ID	(30-110)					
160-57201-1	25011233-001	63.9					
160-57201-1 DU	25011233-001	78.6					
160-57201-2	25011233-002	72.4					
160-57201-3	25011233-003	79.6					
160-57201-4	25011233-004	38.6					
160-57201-5	25011233-005	84.8					
160-57201-6	25011233-006	82.6					
160-57201-7	25011233-007	75.6					
160-57201-8	25011233-008	80.6					
160-57201-9	25011233-009	85.8					
160-57201-10	25011233-010	77.1					
160-57201-11	25011233-011	81.8					
160-57201-12	25011233-012	84.6					
160-57201-13	25011233-013	85.1					
160-57201-14	25011233-014	79.9					
160-57201-15	25011233-015	86.3					
160-57201-16	25011233-016	86.3					
160-57201-17	25011233-017	81.8					
160-57201-18	25011233-018	80.6					
160-57201-19	25011233-019	85.8					
160-57201-20	25011233-021	78.1					
160-57201-21	25011233-022	89.6					
160-57201-21 DU	25011233-022	85.3					
160-57201-22	25011233-024	78.9					
160-57201-23	25011233-025	76.4					
160-57201-24	25011233-026	62.2					
160-57201-25	25011233-027	75.4					
160-57201-26	25011233-028	89.8					
160-57201-27	25011233-029	73.9					
160-57201-28	25011233-030	78.9					
160-57201-29	25011233-031	62.2					
160-57201-30	25011233-032	79.4					
160-57201-31	25011233-033	83.6					
160-57201-32	25011233-034	81.3					
160-57201-33	25011233-036	75.6					
160-57201-34	25011233-037	75.6					
160-57201-35	25011233-038	85.6					
160-57201-36	25011233-039	90.5					
160-57201-37	25011233-040	87.3					
160-57201-38	25011233-041	82.8					
160-57201-39	25011233-042	79.4					
160-57201-40	25011233-043	76.6					
160-57201-41	25011233-044	85.1					
160-57201-42	25011233-045	83.8					
160-57201-43	25011233-046	83.6					
160-57201-44	25011233-047	88.6					
160-57201-45	25011233-048	90.5					
160-57201-46	25011233-049	85.6					
160-57201-47	25011233-050	89.6					

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Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-57201-1
SDG: 25011233

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)					
160-57201-48	25011233-051	82.3					
160-57201-49	25011233-052	83.8					
160-57201-50	25011233-053	84.6					
160-57201-51	25011233-054	82.1					
160-57201-51 DU	25011233-054	88.6					
160-57201-52	25011233-055	90.0					
160-57201-53	25011233-056	80.1					
160-57201-54	25011233-057	78.4					
160-57201-55	25011233-058	87.3					
160-57201-56	25011233-059	76.4					
LCS 160-703452/2-A	Lab Control Sample	85.1					
LCS 160-703454/2-A	Lab Control Sample	86.1					
LCS 160-703456/2-A	Lab Control Sample	85.3					
MB 160-703452/1-A	Method Blank	93.8					
MB 160-703454/1-A	Method Blank	87.3					
MB 160-703456/1-A	Method Blank	87.8					

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)				
160-57201-1	25011233-001	63.9	80.7				
160-57201-1 DU	25011233-001	78.6	78.1				
160-57201-2	25011233-002	72.4	78.9				
160-57201-3	25011233-003	79.6	78.9				
160-57201-4	25011233-004	38.6	75.1				
160-57201-5	25011233-005	84.8	79.6				
160-57201-6	25011233-006	82.6	79.6				
160-57201-7	25011233-007	75.6	80.7				
160-57201-8	25011233-008	80.6	77.4				
160-57201-9	25011233-009	85.8	79.3				
160-57201-10	25011233-010	77.1	78.1				
160-57201-11	25011233-011	81.8	75.1				
160-57201-12	25011233-012	84.6	82.2				
160-57201-13	25011233-013	85.1	82.2				
160-57201-14	25011233-014	79.9	81.1				
160-57201-15	25011233-015	86.3	83.0				
160-57201-16	25011233-016	86.3	82.2				
160-57201-17	25011233-017	81.8	79.3				
160-57201-18	25011233-018	80.6	77.0				
160-57201-19	25011233-019	85.8	83.0				
160-57201-20	25011233-021	78.1	81.1				
160-57201-21	25011233-022	89.6	83.0				
160-57201-21 DU	25011233-022	85.3	86.4				
160-57201-22	25011233-024	78.9	78.9				
160-57201-23	25011233-025	76.4	83.4				

Eurofins St. Louis

Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-57201-1
SDG: 25011233

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)
160-57201-24	25011233-026	62.2	83.4
160-57201-25	25011233-027	75.4	85.2
160-57201-26	25011233-028	89.8	83.4
160-57201-27	25011233-029	73.9	74.8
160-57201-28	25011233-030	78.9	77.8
160-57201-29	25011233-031	62.2	76.6
160-57201-30	25011233-032	79.4	81.9
160-57201-31	25011233-033	83.6	80.7
160-57201-32	25011233-034	81.3	80.4
160-57201-33	25011233-036	75.6	78.1
160-57201-34	25011233-037	75.6	72.5
160-57201-35	25011233-038	85.6	77.4
160-57201-36	25011233-039	90.5	81.1
160-57201-37	25011233-040	87.3	83.7
160-57201-38	25011233-041	82.8	81.9
160-57201-39	25011233-042	79.4	81.1
160-57201-40	25011233-043	76.6	71.0
160-57201-41	25011233-044	85.1	74.8
160-57201-42	25011233-045	83.8	80.4
160-57201-43	25011233-046	83.6	77.8
160-57201-44	25011233-047	88.6	75.5
160-57201-45	25011233-048	90.5	78.1
160-57201-46	25011233-049	85.6	76.3
160-57201-47	25011233-050	89.6	72.9
160-57201-48	25011233-051	82.3	76.3
160-57201-49	25011233-052	83.8	75.5
160-57201-50	25011233-053	84.6	66.9
160-57201-51	25011233-054	82.1	70.7
160-57201-51 DU	25011233-054	88.6	75.1
160-57201-52	25011233-055	90.0	74.4
160-57201-53	25011233-056	80.1	70.3
160-57201-54	25011233-057	78.4	70.3
160-57201-55	25011233-058	87.3	74.8
160-57201-56	25011233-059	76.4	76.3
LCS 160-703453/2-A	Lab Control Sample	85.1	81.9
LCS 160-703455/2-A	Lab Control Sample	86.1	80.7
LCS 160-703457/2-A	Lab Control Sample	85.3	77.8
MB 160-703453/1-A	Method Blank	93.8	83.4
MB 160-703455/1-A	Method Blank	87.3	81.9
MB 160-703457/1-A	Method Blank	87.8	80.7

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

ANALYTICAL REPORT

PREPARED FOR

Attn: Elizabeth A Hurley
TekLab, Inc
5445 Horseshoe Lake Road
Collinsville, Illinois 62234

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JOB DESCRIPTION

Radium-226 and Radium-228
25011233

JOB NUMBER

160-57330-1

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57330-1

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-57330-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 25011233

Report Number: 160-57330-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

No additional analytical or quality issues were noted, other than those described below or in the Definitions/ Glossary page.

Receipt

The sample was received on 2/28/2025 1:56 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved. The temperature of the cooler at receipt time was 5.3°C.

Method 903.0 - Radium-226 (GFPC)

Sample 25011233-035 (160-57330-1) was analyzed for Radium-226 (GFPC). The sample was prepared on 3/4/2025 and analyzed on 3/29/2025.

Method 904.0 - Radium-228 (GFPC)

Sample 25011233-035 (160-57330-1) was analyzed for Radium-228 (GFPC). The sample was prepared on 3/4/2025 and analyzed on 3/26/2025.

The detection goal was not met for the following sample due to the reduced sample volume used in prep attributed to the presence of matrix interferences: 25011233-035 (160-57330-1). Analytical results are reported with the detection limit achieved.

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57330-1

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-57330-1 (Continued)

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Sample 25011233-035 (160-57330-1) was analyzed for Combined Radium-226 and Radium-228. The sample was analyzed on 3/31/2025.

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TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled?		YES	☐	NO	☒	With:	☐	Ice	☐	Blue Ice	☐	Preserved in:	☐	Lab	☐	Field	
Teklab Inc 5445 Horseshoe Lake Road Collinsville, IL 62234																	
Project#		25011233		Cooler Temp:				Sampler:				QC Level:				2	
Comments: Please issue reports and invoices via email only																	
Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.																	
Method changes require Teklab authorization. Samples collected from an IL site.																	
Batch QC is required for all analyses requested. Vistra-EDD requested.																	
Contact:		Elizabeth Hurley		Email:		ehurley@teklabinc.com		Phone:		(618) 344-1004 ext. 33							
Requested Due Date:		Standard TAT		Billing/PO:		37890											

PLEASE NOTE:

NEELAP 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 NEELAP 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.

[illegible]

*Relinquished By	Date/Time	Received By	Date/Time
Simon S. G. 2008-25/1300	2008-25/1300	Michael Motte	2008-25/1300
Michael -	2008-25/1350		2008-25/1350

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-57330-1

SDG Number: 25011233

Login Number: 57330

List Number: 1

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57330-1
COP-845-102
SDG: 25011233

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57330-1
SDG: 25011233

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57330-1
SDG: 25011233

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-57330-1	25011233-035	Water	02/28/25 10:31	02/28/25 13:56

- 1
- 2
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- 12

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57330-1
SDG: 25011233

Client Sample ID: 25011233-035

Lab Sample ID: 160-57330-1

Date Collected: 02/28/25 10:31

Matrix: Water

Date Received: 02/28/25 13:56

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	0.253	U	0.248	0.249	1.00	0.377	pCi/L	03/04/25 07:26	03/29/25 13:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	60.7		30 - 110					03/04/25 07:26	03/29/25 13:12	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	0.0706	U G	1.10	1.10	1.00	2.00	pCi/L	03/04/25 07:29	03/26/25 12:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	60.7		30 - 110					03/04/25 07:29	03/26/25 12:09	1
Y Carrier	80.4		30 - 110					03/04/25 07:29	03/26/25 12:09	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.324	U	1.13	1.13	5.00	2.00	pCi/L		03/31/25 12:26	1

QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57330-1
SDG: 25011233

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705862/1-A
Matrix: Water
Analysis Batch: 709929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705862

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02819	U	0.0845	0.0846	1.00	0.160	pCi/L	03/04/25 07:26	03/29/25 11:28	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					03/04/25 07:26	03/29/25 11:28	1

Lab Sample ID: LCS 160-705862/2-A
Matrix: Water
Analysis Batch: 709929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705862

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.041		1.04	1.00	0.205	pCi/L	94	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	89.3		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705863/1-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705863

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1507	U	0.328	0.329	1.00	0.572	pCi/L	03/04/25 07:29	03/26/25 12:04	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					03/04/25 07:29	03/26/25 12:04	1
Y Carrier	85.2		30 - 110					03/04/25 07:29	03/26/25 12:04	1

Lab Sample ID: LCS 160-705863/2-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705863

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		7.99	7.817		1.13	1.00	0.489	pCi/L	98	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	89.3		30 - 110							
Y Carrier	85.6		30 - 110							

QC Association Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
Job ID: 160-57330-1
SDG: 25011233

Rad

Prep Batch: 705862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57330-1	25011233-035	Total/NA	Water	PrecSep-21	
MB 160-705862/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705862/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 705863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57330-1	25011233-035	Total/NA	Water	PrecSep_0	
MB 160-705863/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705863/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
Job ID: 160-57330-1
SDG: 25011233

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba					
Lab Sample ID	Client Sample ID	(30-110)					
160-57330-1	25011233-035	60.7					
LCS 160-705862/2-A	Lab Control Sample	89.3					
MB 160-705862/1-A	Method Blank	88.0					
Tracer/Carrier Legend							
Ba = Ba Carrier							

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)							
		Ba	Y						
Lab Sample ID	Client Sample ID	(30-110)	(30-110)						
160-57330-1	25011233-035	60.7	80.4						
LCS 160-705863/2-A	Lab Control Sample	89.3	85.6						
MB 160-705863/1-A	Method Blank	88.0	85.2						
Tracer/Carrier Legend									
Ba = Ba Carrier									
Y = Y Carrier									

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: AP2D
Sample ID: 001
Date (s): 2/10/2025

Field Team Members

Name: Tracy Carroll
Name: _____

Affiliation: TekLab, Inc.
Affiliation: _____

Weather Conditions

Temp: 28 °F

Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy

Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 14:14

Static Water Level: 21.38 feet below TOC
Total Depth: 35.43 feet below TOC
Water Column: 14.05 feet

Purging Activities

Purged By: TC

Purge Date: 2/10/2025

Purge Method: Peristaltic Pump

Well Diameter: 4"

Purge Volume Calculation (L): 14.05 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 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
14:18	0.0	318	purge start time						
14:28	3.2	↓	6.73	1,890.40	13.48	1.27	110.50	46.35	
14:31	4.1		6.73	1,897.60	13.75	0.94	95.90	47.24	
14:34	5.1		6.74	1,902.80	13.46	0.78	85.10	46.43	
14:37	6.0		6.74	1,906.90	13.58	0.68	75.80	38.63	
14:40	7.0		6.76	1,915.00	13.52	0.61	67.60	47.01	

Sampling Activities

Sampled By: TC

Sample Date/Time: 2/10/2025 14:40

Sample Method: Low Flow

Sample Equipment: Peristaltic Pump

Sample Parameters: 6.76 pH 1,915.00

Spec. Cond. 13.52 Temp _____

Field Filtered: No Filter Type: _____

Water Level: 21.43 feet below TOC

Drawdown: 0.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: _____

Tracy Carroll

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G1001
Sample ID: 002
Date (s): 2/10/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 28 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 13:09 Static Water Level: 5.72 feet below TOC
Total Depth: 13.79 feet below TOC
Water Column: 8.07 feet

Purging Activities

Purged By: TC Purge Date: 2/10/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $8.07 \text{ ft.} \times 0.022 = 0.18 \text{ L} \times 3 \text{ Vol.} = 0.54 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 12.00 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
13:10	0.0	308	purge start time						
13:19	2.8	↓	6.92	1,391.40	8.53	4.48	131.80	32.96	
13:22	3.7		6.91	1,387.70	8.50	3.97	132.00	35.86	
13:25	4.6		6.90	1,379.20	8.51	3.59	132.10	39.32	
13:28	5.5		6.89	1,369.50	8.64	3.17	132.20	42.01	
13:31	6.5		6.89	1,337.00	8.59	2.87	132.10	36.06	
13:34	7.4		6.88	1,276.10	8.44	2.49	132.00	31.71	
13:37	8.3		6.87	1,170.10	8.44	2.17	131.30	29.05	
13:40	9.2		6.86	1,070.20	8.45	1.89	130.50	27.26	
13:43	10.2		6.85	979.50	8.39	1.65	128.40	26.40	
13:46	11.1		6.85	899.20	8.42	1.51	124.50	23.71	
13:49	12.0		6.84	859.40	8.28	1.39	121.50	22.25	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/10/2025 13:49
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.84 pH 859.40 Spec. Cond. 8.28 Temp
Field Filtered: No Filter Type:
Water Level: 9.95 feet below TOC Drawdown: 4.23 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By:

Tracy Carroll

Date: 2/10/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G1003
Sample ID: 003
Date (s): 2/10/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 28 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing		X
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 12:17 Static Water Level: 8.40 feet below TOC
Total Depth: 11.15 feet below TOC
Water Column: 2.75 feet

Purging Activities

Purged By: TC Purge Date: 2/10/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $2.75 \text{ ft.} \times 0.022 = 0.06 \text{ L} \times 3 \text{ Vol.} = 0.18 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: 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
12:21	0.0	324	purge start time						
12:26	1.6	↓	7.57	350.10	8.19	10.99	82.70	17.34	
12:29	2.6		7.46	348.60	8.20	10.96	88.10	19.60	
12:32	3.6		7.40	349.50	8.29	10.91	92.20	24.06	
12:35	4.5		7.36	345.30	8.40	10.85	95.80	31.71	
12:38	5.5		7.33	341.00	8.49	10.74	99.40	21.64	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/10/2025 12:38
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.33 pH 341.00 Spec. Cond. 8.49 Temp
Field Filtered: No Filter Type:
Water Level: 9.86 feet below TOC Drawdown: 1.46 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By:

Tracy Carroll

Date: 2/10/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G101
Sample ID: 004
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 42 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing		X
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 12:39 Static Water Level: 4.42 feet below TOC
Total Depth: 24.30 feet below TOC
Water Column: 19.88 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $19.88 \text{ ft.} \times 0.022 = 0.44 \text{ L} \times 3 \text{ Vol.} = 1.32 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 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
12:40	0.0	176	purge start time						
12:45	0.9	↓	7.30	872.50	11.90	2.58	116.60	58.10	
12:48	1.4		7.28	873.70	11.79	2.04	121.90	53.39	
12:51	1.9		7.27	873.40	11.78	1.83	124.90	34.35	
12:54	2.5		7.27	873.10	11.85	1.74	126.90	26.71	
12:57	3.0		7.27	872.90	11.94	1.64	128.40	23.12	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 12:57
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.27 pH 872.90 Spec. Cond. 11.94 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 4.42 feet below TOC Drawdown: 0.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/4/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G102
Sample ID: 005
Date (s): 2/5/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks
Protective Casing X
Well X

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 8:06
Static Water Level: 4.55 feet below TOC
Total Depth: 20.00 feet below TOC
Water Column: 15.45 feet

Purging Activities

Purged By: JC Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.45 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 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
8:06	0.0	235	purge start time						
8:10	0.9	↓	7.32	549.00	10.77	3.46	64.00	53.66	
8:13	1.6		7.30	546.50	10.91	3.32	66.50	81.61	
8:16	2.4		7.29	551.00	10.81	3.42	68.50	96.27	
8:19	3.1		7.29	556.60	10.96	3.36	70.20	55.93	
8:22	3.8		7.29	559.90	11.11	3.20	71.30	72.70	
8:25	4.5		7.29	562.00	11.06	3.07	72.40	46.77	
8:28	5.2		7.29	566.10	11.04	3.22	73.30	16.54	
8:31	5.9		7.29	566.90	11.17	3.73	73.80	44.00	
8:34	6.6		7.29	568.90	11.19	3.37	74.60	40.84	
8:37	7.3		7.29	570.90	11.22	3.04	75.20	43.27	
8:40	8.0		7.29	571.60	11.24	2.97	75.60	43.21	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/5/2025 8:40
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.29 pH 571.60 Spec. Cond. 11.24 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.52 feet below TOC Drawdown: 0.97 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:


TekLab, Inc.
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Date: 2/5/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G103
Sample ID: 006
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 13:03 Static Water Level: 10.81 feet below TOC
Total Depth: 26.90 feet below TOC
Water Column: 16.09 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $16.09 \text{ ft.} \times 0.022 = 0.35 \text{ L} \times 3 \text{ Vol.} = 1.05 \text{ L}$ *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
13:04	0.0	243	purge start time						
13:08	1.0	↓	7.21	856.30	13.57	4.64	118.80	2.28	
13:11	1.7		7.21	848.20	13.71	4.72	106.80	2.68	
13:14	2.4		7.19	846.70	13.53	4.48	107.00	3.28	
13:17	3.2		7.15	847.10	13.47	4.09	110.80	4.12	
13:20	3.9		7.12	848.20	13.45	3.70	114.50	4.44	
13:23	4.6		7.09	848.90	13.69	3.36	117.90	4.84	
13:26	5.4		7.08	851.00	13.71	3.14	121.00	6.96	
13:29	6.1		7.06	851.80	13.67	2.90	123.90	8.52	
13:32	6.8		7.05	854.20	13.68	2.64	126.20	10.48	
13:35	7.5		7.04	855.10	13.59	2.42	128.20	11.49	
13:38	8.3		7.03	855.50	13.65	2.26	130.00	13.30	
13:41	9.0		7.02	856.50	13.75	2.11	131.20	14.57	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 13:41
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.02 pH 856.50 Spec. Cond. 13.75 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.84 feet below TOC Drawdown: 3.03 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:




Date: 2/4/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G105
Sample ID: 007
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 14:13 Static Water Level: 9.41 feet below TOC
Total Depth: 27.70 feet below TOC
Water Column: 18.29 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $18.29 \text{ ft.} \times 0.022 = 0.4 \text{ L} \times 3 \text{ Vol.} = 1.2 \text{ L}$ *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
14:13	0.0	267	purge start time						
14:16	0.8	↓	7.10	824.80	13.17	2.82	22.30	13.18	
14:19	1.6		7.10	821.00	12.85	1.15	-70.60	5.00	
14:22	2.4		7.11	818.30	13.00	0.95	-92.70	3.75	
14:25	3.2		7.11	814.10	12.99	0.86	-101.10	2.53	
14:28	4.0		7.11	812.80	13.07	0.81	-106.30	1.74	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 14:28
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.11 pH 812.80 Spec. Cond. 13.07 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.21 feet below TOC Drawdown: 0.80 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/4/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G106
Sample ID: 008
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 14:35 Static Water Level: 8.53 feet below TOC
Total Depth: 25.60 feet below TOC
Water Column: 17.07 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.07 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: 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
14:36	0.0	214	purge start time						
14:41	1.1	↓	7.12	924.00	11.59	4.99	2.80	2.39	
14:44	1.7		7.12	925.90	11.43	4.78	12.50	1.67	
14:47	2.4		7.12	925.10	11.43	4.72	20.00	1.45	
14:50	3.0		7.12	925.40	11.31	4.70	26.20	1.28	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 14:50
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.12 pH 925.40 Spec. Cond. 11.31 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.98 feet below TOC Drawdown: 0.45 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/4/2025



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Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G107
Sample ID: 009
Date (s): 2/5/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 10:46 Static Water Level: 9.59 feet below TOC
Total Depth: 22.70 feet below TOC
Water Column: 13.11 feet

Purging Activities

Purged By: JC Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.11 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
10:46	0.0	240	purge start time						
10:50	1.0	↓	7.41	761.50	11.69	6.58	47.60	6.43	
10:53	1.7		7.39	759.90	11.66	6.12	51.20	8.30	
10:56	2.4		7.37	759.70	11.60	5.87	54.50	9.02	
10:59	3.1		7.36	757.60	11.75	5.58	57.50	9.75	
11:02	3.8		7.34	757.60	11.77	5.39	60.10	8.65	
11:05	4.6		7.34	757.70	11.94	5.26	62.40	7.74	
11:08	5.3		7.33	757.40	12.03	5.05	64.40	7.58	
11:11	6.0		7.32	756.50	12.06	4.90	66.20	7.20	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/5/2025 11:11
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.32 pH 756.50 Spec. Cond. 12.06 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.16 feet below TOC Drawdown: 3.57 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/5/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G108
Sample ID: 010
Date (s): 2/5/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 8:52 Static Water Level: 10.09 feet below TOC
Total Depth: 26.60 feet below TOC
Water Column: 16.51 feet

Purging Activities

Purged By: JC Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.51 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 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
8:52	0.0	233	purge start time						
8:58	1.4	↓	7.33	737.90	12.69	5.51	89.40	6.67	
9:01	2.1		7.33	738.80	12.72	5.24	89.80	5.92	
9:04	2.8		7.30	738.70	12.60	4.75	90.60	6.01	
9:07	3.5		7.27	739.70	12.71	4.07	91.40	4.83	
9:10	4.2		7.25	739.80	12.76	3.68	91.80	3.38	
9:13	4.9		7.23	739.00	12.80	3.26	92.20	3.22	
9:16	5.6		7.21	740.50	12.62	2.88	92.60	2.52	
9:19	6.3		7.20	739.50	12.30	2.59	93.00	2.50	
9:22	7.0		7.20	739.10	12.21	2.47	93.20	2.20	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/5/2025 9:22
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.20 pH 739.10 Spec. Cond. 12.21 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.52 feet below TOC Drawdown: 1.43 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/5/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G109
Sample ID: 011
Date (s): 2/5/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 9:34 Static Water Level: 10.34 feet below TOC
Total Depth: 26.30 feet below TOC
Water Column: 15.96 feet

Purging Activities

Purged By: JC Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.96 ft. x 0.022 = 0.35 L x 3 Vol. = 1.05 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: 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	219	purge start time						
9:38	0.9	↓	7.00	945.60	11.99	2.56	-39.90	17.82	
9:41	1.5		7.01	942.00	12.15	1.40	-18.70	14.38	
9:44	2.2		7.01	941.30	12.22	1.19	-6.90	19.35	
9:47	2.8		7.01	942.20	12.12	1.12	-0.60	23.59	
9:50	3.5		7.01	942.30	12.00	1.05	4.70	25.60	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/5/2025 9:50
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.01 pH 942.30 Spec. Cond. 12.00 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.83 feet below TOC Drawdown: 0.49 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/5/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G110
Sample ID: 012
Date (s): 2/5/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 9:55 Static Water Level: 11.28 feet below TOC
Total Depth: 27.50 feet below TOC
Water Column: 16.22 feet

Purging Activities

Purged By: JC Purge Date: 2/5/2025
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): 3.50 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:57	0.0	233	purge start time						
10:00	0.7	↓	6.92	894.20	12.33	2.30	40.70	5.10	
10:03	1.4		6.90	892.10	12.52	1.95	48.10	8.16	
10:06	2.1		6.90	895.00	12.56	1.76	52.90	8.80	
10:09	2.8		6.90	895.70	12.46	1.60	56.50	8.44	
10:12	3.5		6.90	898.80	12.38	1.52	59.10	7.35	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/5/2025 10:12
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH 898.80 Spec. Cond. 12.38 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.76 feet below TOC Drawdown: 0.48 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/5/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G111
Sample ID: 013
Date (s): 2/5/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

	Well Pad	Good	Locks	Yes	No
	Casing	Good	Protective Casing	X	
	Protective Casing	Good	Well		X
	Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 10:18 Static Water Level: 12.88 feet below TOC
Total Depth: 24.30 feet below TOC
Water Column: 11.42 feet

Purging Activities

Purged By: JC Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.42 ft. x 0.022 = 0.25 L x 3 Vol. = 0.75 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:19	0.0	289	purge start time						
10:23	1.2	↓	7.12	904.30	13.21	2.53	-28.20	1.44	
10:26	2.0		7.11	892.90	13.28	2.17	-17.60	1.84	
10:29	2.9		7.09	890.30	13.32	1.81	-4.00	2.29	
10:32	3.8		7.09	888.10	13.47	1.57	7.60	1.16	
10:35	4.6		7.08	887.50	13.48	1.44	16.60	0.86	
10:38	5.5		7.08	889.20	13.22	1.44	23.50	0.76	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/5/2025 10:38
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.08 pH 889.20 Spec. Cond. 13.22 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.42 feet below TOC Drawdown: 0.54 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/5/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G119
Sample ID: 014
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 8:46 Static Water Level: 14.67 feet below TOC
Total Depth: 27.40 feet below TOC
Water Column: 12.73 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.73 ft. x 0.022 = 0.28 L x 3 Vol. = 0.84 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
8:46	0.0	231	purge start time						
8:54	1.8	↓	7.15	592.10	13.86	3.85	114.20	1.75	
8:57	2.5		7.17	590.80	12.22	3.62	112.40	1.60	
9:00	3.2		7.17	585.40	12.08	3.36	112.40	1.91	
9:03	3.9		7.16	585.70	11.99	2.86	112.80	2.01	
9:06	4.6		7.15	585.20	12.08	2.27	113.00	2.24	
9:09	5.3		7.14	585.20	12.29	1.94	112.90	1.65	
9:12	6.0		7.14	584.50	12.52	1.90	112.70	1.49	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 9:12
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.14 pH 584.50 Spec. Cond. 12.52 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.35 feet below TOC Drawdown: 0.68 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G120
Sample ID: 015
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 9:18 Static Water Level: 14.76 feet below TOC
Total Depth: 26.70 feet below TOC
Water Column: 11.94 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.94 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
9:19	0.0	235	purge start time						
9:27	1.9	↓	7.14	725.50	12.99	6.49	120.70	4.79	
9:30	2.6		7.14	726.70	13.06	6.63	121.00	4.37	
9:33	3.3		7.14	726.80	12.73	6.66	121.10	4.16	
9:36	4.0		7.13	727.30	12.88	6.66	121.40	3.52	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 9:36
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.13 pH 727.30 Spec. Cond. 12.88 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.10 feet below TOC Drawdown: 0.34 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/6/2025



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Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G121
Sample ID: 016
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 9:43 Static Water Level: 15.71 feet below TOC
Total Depth: 29.10 feet below TOC
Water Column: 13.39 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $13.39 \text{ ft.} \times 0.022 = 0.29 \text{ L} \times 3 \text{ Vol.} = 0.87 \text{ L}$ *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
9:44	0.0	182	purge start time						
9:48	0.7	↓	7.05	806.70	12.74	5.27	125.60	10.34	
9:51	1.3		7.08	802.20	11.41	5.54	125.60	8.17	
9:54	1.8		7.09	798.90	10.73	5.98	126.10	5.73	
9:57	2.4		7.10	799.10	10.11	6.22	126.70	4.56	
10:00	2.9		7.10	799.40	9.52	6.32	127.30	4.03	
10:03	3.5		7.11	799.70	8.85	6.41	127.80	3.47	
10:06	4.0		7.11	799.70	8.29	6.49	128.30	3.01	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 10:06
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.11 pH 799.70 Spec. Cond. 8.29 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 16.82 feet below TOC Drawdown: 1.11 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G122
Sample ID: 017
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 10:13 Static Water Level: 14.37 feet below TOC
Total Depth: 26.50 feet below TOC
Water Column: 12.13 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.13 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:14	0.0	182	purge start time						
10:18	0.7	↓	6.91	927.20	12.01	4.64	133.20	10.44	
10:21	1.3		6.89	910.50	12.07	4.55	132.10	7.95	
10:24	1.8		6.88	905.80	12.12	4.42	131.50	8.90	
10:27	2.4		6.88	905.30	12.06	4.28	131.00	7.56	
10:30	2.9		6.87	904.20	12.09	4.08	130.60	7.53	
10:33	3.5		6.86	904.00	12.14	3.88	130.30	6.14	
10:36	4.0		6.86	903.30	12.23	3.73	130.10	5.32	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 10:36
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.86 pH 903.30 Spec. Cond. 12.23 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 17.50 feet below TOC Drawdown: 3.13 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G123
Sample ID: 018
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 40 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 11:08 Static Water Level: 12.84 feet below TOC
Total Depth: 30.90 feet below TOC
Water Column: 18.06 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.06 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
11:08	0.0	214	purge start time						
11:11	0.6	↓	6.92	728.90	14.17	2.66	85.50	9.68	
11:14	1.3		6.89	735.80	13.87	2.38	96.80	8.36	
11:17	1.9		6.91	772.00	13.88	2.11	102.90	5.25	
11:20	2.6		6.93	829.70	13.95	1.77	107.10	3.26	
11:23	3.2		6.95	848.80	13.70	1.53	109.50	3.51	
11:26	3.9		6.95	856.20	13.72	1.44	111.70	3.70	
11:29	4.5		6.95	858.70	13.88	1.37	113.40	4.42	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 11:29
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.95 pH 858.70 Spec. Cond. 13.88 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.29 feet below TOC Drawdown: 0.45 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/4/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G124
Sample ID: 019
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 42 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 11:36 Static Water Level: 14.61 feet below TOC
Total Depth: 26.70 feet below TOC
Water Column: 12.09 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.09 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 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
11:36	0.0	250	purge start time						
11:41	1.2	↓	7.19	888.90	13.92	5.03	134.00	3.96	
11:44	2.0		7.19	892.50	14.07	4.87	136.70	3.89	
11:47	2.8		7.19	894.10	14.16	4.80	138.60	3.57	
11:50	3.5		7.19	895.20	14.32	4.76	140.10	4.18	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 11:50
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.19 pH 895.20 Spec. Cond. 14.32 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 14.75 feet below TOC Drawdown: 0.14 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/4/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G125
Sample ID: 020
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 42 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 11:56 Static Water Level: 14.29 feet below TOC
Total Depth: 26.70 feet below TOC
Water Column: 12.41 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.41 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 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
11:56	0.0	269	purge start time						
12:00	1.1	↓	7.28	903.80	13.82	6.07	148.70	5.12	
12:03	1.9		7.25	902.70	13.84	5.83	150.50	9.77	
12:06	2.7		7.25	904.30	13.99	5.66	151.20	13.22	
12:09	3.5		7.22	911.00	13.88	5.76	151.50	15.10	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 12:09
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.22 pH 911.00 Spec. Cond. 13.88 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.92 feet below TOC Drawdown: 1.63 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
- Used 6 field filters to fill containers

Form Completed By:

Justin Colp

Date: 2/4/2025



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Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G126
Sample ID: 021
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 37 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 9:17 Static Water Level: 9.62 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 10.78 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 10.78 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 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	261	purge start time						
9:23	1.3	↓	6.94	804.30	13.29	3.37	181.70	3.53	
9:26	2.1		7.02	796.30	12.78	2.90	162.80	2.22	
9:29	2.9		7.03	796.20	12.79	2.57	151.10	2.48	
9:32	3.7		7.03	799.00	12.80	2.14	143.30	2.54	
9:35	4.4		7.03	797.70	12.84	1.95	137.30	1.81	
9:38	5.2		7.04	797.30	12.81	1.88	132.30	1.22	
9:41	6.0		7.05	798.60	12.60	1.82	128.30	0.77	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 9:41
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.05 pH 798.60 Spec. Cond. 12.60 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.41 feet below TOC Drawdown: 0.79 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/4/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G151
Sample ID: 022
Date (s): 2/4/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 39 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 2/4/25 1021 2/4/25 1021 Static Water Level: 11.54 feet below TOC
Total Depth: 23.60 feet below TOC
Water Column: 12.06 feet

Purging Activities

Purged By: BG Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.06 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.50 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
10:21	0.0	173	purge start time						
10:26	0.9	↓	7.17	985.20	12.40	5.69	1.20	12.29	
10:29	1.4		7.26	937.40	11.98	5.65	0.50	18.98	
10:32	1.9		7.34	920.90	11.98	5.58	1.30	11.12	
10:35	2.4		7.40	912.40	12.04	5.56	3.50	10.27	
10:38	2.9		7.43	908.50	12.14	5.46	7.60	6.76	
10:41	3.5		7.46	905.90	12.30	5.36	12.50	31.53	
10:44	4.0		7.47	903.60	12.36	5.26	16.50	23.74	
10:47	4.5		7.48	901.30	12.49	5.18	20.00	22.32	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/4/2025 10:47
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.48 pH 901.30 Spec. Cond. 12.49 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.82 feet below TOC Drawdown: 0.28 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/4/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G152
Sample ID: 023
Date (s): 2/4/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 38 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 9:20 Static Water Level: 10.99 feet below TOC
Total Depth: 22.00 feet below TOC
Water Column: 11.01 feet

Purging Activities

Purged By: BG Purge Date: 2/4/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.01 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 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
9:20	0.0	87	purge start time						
9:51	2.7	↓	7.44	856.10	10.38	7.73	78.00	47.05	
9:54	3.0		7.42	853.10	10.62	7.76	75.50	43.04	
9:57	3.2		7.41	849.60	10.49	7.62	72.00	43.52	
10:00	3.5		7.40	844.20	10.49	7.40	73.10	42.78	
10:03	3.7		7.40	839.30	10.67	7.16	73.10	30.85	
10:06	4.0		7.39	836.70	10.49	6.92	73.90	40.61	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/4/2025 10:06
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.39 pH 836.70 Spec. Cond. 10.49 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.12 feet below TOC Drawdown: 0.13 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/4/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G153
Sample ID: 024
Date (s): 2/4/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 43 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 12:00 Static Water Level: 13.37 feet below TOC
Total Depth: 23.90 feet below TOC
Water Column: 10.53 feet

Purging Activities

Purged By: BG Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 10.53 ft. x 0.022 = 0.23 L x 3 Vol. = 0.69 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 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
12:00	0.0	231	purge start time						
12:11	2.5	↓	6.94	3,504.40	11.27	3.55	29.80	22.00	
12:14	3.2		6.94	3,502.40	11.25	3.38	38.20	16.56	
12:17	3.9		6.93	3,530.90	11.11	3.20	44.80	12.59	
12:20	4.6		6.93	3,557.20	11.06	3.02	50.40	10.50	
12:23	5.3		6.93	3,578.10	10.93	2.86	53.50	9.00	
12:26	6.0		6.92	3,584.60	11.28	2.72	56.00	8.08	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/4/2025 12:26
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.92 pH 3,584.60 Spec. Cond. 11.28 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 14.12 feet below TOC Drawdown: 0.75 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/4/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G154
Sample ID: 025
Date (s): 2/4/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 41 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 11:18 Static Water Level: 11.89 feet below TOC
Total Depth: 22.80 feet below TOC
Water Column: 10.91 feet

Purging Activities

Purged By: BG Purge Date: 2/4/2025
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): 5.50 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
11:18	0.0	183	purge start time						
11:33	2.7	↓	7.53	645.20	12.90	3.72	143.30	68.98	
11:36	3.3		7.53	644.40	12.95	3.56	142.90	61.87	
11:39	3.8		7.53	643.70	13.04	3.42	142.40	55.15	
11:42	4.4		7.52	643.70	13.06	3.31	142.00	54.77	
11:45	5.0		7.52	642.80	13.06	3.22	141.70	55.38	
11:48	5.5		7.52	643.10	13.22	3.14	141.20	55.95	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/4/2025 11:48
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.52 pH 643.10 Spec. Cond. 13.22 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.27 feet below TOC Drawdown: 0.38 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/4/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G155
Sample ID: 026
Date (s): 2/6/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 38 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 12:01 Static Water Level: 11.96 feet below TOC
Total Depth: 26.20 feet below TOC
Water Column: 14.24 feet

Purging Activities

Purged By: BG Purge Date: 2/6/2025
Purge Method: Bladder 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): 8.00 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
12:01	0.0	190	purge start time						
12:22	4.0	↓	7.47	965.60	12.65	3.89	80.90	48.26	
12:31	5.7		7.41	967.00	14.12	3.19	89.00	44.20	
12:34	6.3		7.40	966.30	14.13	2.95	90.20	42.98	
12:37	6.9		7.39	966.00	14.09	2.78	91.10	43.43	
12:40	7.4		7.38	964.60	14.13	2.57	91.60	45.78	
12:43	8.0		7.36	963.20	14.26	2.20	90.80	48.47	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/6/2025 12:43
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.36 pH 963.20 Spec. Cond. 14.26 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.23 feet below TOC Drawdown: 0.27 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G200
Sample ID: 027
Date (s): 2/10/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 25 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 9:10 Static Water Level: 2.78 feet below TOC
Total Depth: 20.70 feet below TOC
Water Column: 17.92 feet

Purging Activities

Purged By: BG Purge Date: 2/10/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.92 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: 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
9:10	0.0	138	purge start time						
9:24	1.9	↓	6.96	945.30	9.29	3.70	161.20	23.97	
9:27	2.3		6.97	937.20	9.37	3.40	159.20	19.87	
9:30	2.8		6.95	940.00	10.21	3.08	158.80	20.91	
9:33	3.2		6.95	937.70	10.55	2.83	157.20	23.63	
9:36	3.6		6.93	936.10	10.61	2.63	156.40	24.05	
9:39	4.0		6.94	933.70	10.62	2.49	155.20	28.56	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/10/2025 9:39
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.94 pH 933.70 Spec. Cond. 10.62 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 3.35 feet below TOC Drawdown: 0.57 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G206
Sample ID: 028
Date (s): 2/6/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 9:22 Static Water Level: 9.83 feet below TOC
Total Depth: 26.30 feet below TOC
Water Column: 16.47 feet

Purging Activities

Purged By: BG Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $16.47 \text{ ft.} \times 0.022 = 0.36 \text{ L} \times 3 \text{ Vol.} = 1.08 \text{ L}$ *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
9:22	0.0	182	purge start time						
9:32	1.8	↓	7.41	863.30	13.37	2.12	-131.50	7.84	
9:35	2.4		7.40	869.50	13.34	1.84	-132.50	7.37	
9:38	2.9		7.39	877.30	13.36	1.67	-132.70	7.29	
9:41	3.5		7.39	884.50	13.26	1.56	-131.80	7.92	
9:44	4.0		7.38	892.00	13.35	1.48	-129.10	8.65	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/6/2025 9:44
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.38 pH 892.00 Spec. Cond. 13.35 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.46 feet below TOC Drawdown: 0.63 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/6/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G206D
Sample ID: 029
Date (s): 2/6/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 8:42 Static Water Level: 25.62 feet below TOC
Total Depth: 62.12 feet below TOC
Water Column: 36.50 feet

Purging Activities

Purged By: BG Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $36.5 \text{ ft.} \times 0.022 = 0.8 \text{ L} \times 3 \text{ Vol.} = 2.4 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
8:42	0.0	129	purge start time						
9:01	2.5	↓	7.52	916.40	11.60	2.98	-116.00	183.35	
9:04	2.8		7.53	914.70	11.62	2.72	-118.70	241.74	
9:07	3.2		7.53	915.10	11.47	2.48	-120.50	252.87	
9:10	3.6		7.54	913.90	11.71	2.31	-122.60	291.08	
9:13	4.0		7.54	916.70	11.65	2.18	-124.10	564.76	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/6/2025 9:13
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.54 pH 916.70 Spec. Cond. 11.65 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 26.21 feet below TOC Drawdown: 0.59 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/6/2025



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Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G207
Sample ID: 030
Date (s): 2/6/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 37 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 9:50 Static Water Level: 10.45 feet below TOC
Total Depth: 26.60 feet below TOC
Water Column: 16.15 feet

Purging Activities

Purged By: BG Purge Date: 2/6/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.15 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 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
9:50	0.0	129	purge start time						
10:06	2.1	↓	7.48	640.20	11.39	4.30	30.20	685.46	
10:09	2.5		7.47	638.50	11.51	4.04	36.60	789.13	
10:12	2.8		7.46	638.00	11.54	3.90	42.00	676.34	
10:15	3.2		7.46	638.20	11.41	3.79	46.30	716.92	
10:18	3.6		7.45	637.00	11.36	3.60	49.30	746.78	
10:21	4.0		7.44	636.50	11.40	3.45	51.20	739.63	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/6/2025 10:21
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.44 pH 636.50 Spec. Cond. 11.40 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.73 feet below TOC Drawdown: 0.28 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1 Monitoring Point: G208
Project Location: Coffeen, Illinois Sample ID: 031
W.O. Number (s): 25011232 Date (s): 2/6/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 37 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 10:30 Static Water Level: 9.83 feet below TOC
Total Depth: 26.60 feet below TOC
Water Column: 16.77 feet

Purging Activities

Purged By: BG Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.77 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
10:30	0.0	235	purge start time						
10:35	1.2	↓	7.58	561.50	12.71	7.14	72.60	5.39	
10:38	1.9		7.58	559.80	11.25	6.50	74.10	2.42	
10:41	2.6		7.58	556.50	12.47	6.42	76.20	8.63	
10:44	3.3		7.57	558.10	12.92	6.30	78.70	12.18	
10:47	4.0		7.58	557.60	12.81	6.24	81.20	11.79	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/6/2025 10:47
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.58 pH 557.60 Spec. Cond. 12.81 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.18 feet below TOC Drawdown: 0.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1 Monitoring Point: G209
Project Location: Coffeen, Illinois Sample ID: 032
W.O. Number (s): 25011232 Date (s): 2/6/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 37 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 10:55 Static Water Level: 9.99 feet below TOC
Total Depth: 25.50 feet below TOC
Water Column: 15.51 feet

Purging Activities

Purged By: BG Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.51 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 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
10:55	0.0	160	purge start time						
11:08	2.1	↓	7.16	1,190.80	11.70	2.86	0.60	40.08	
11:11	2.6		7.15	1,192.20	11.66	2.54	-5.70	37.19	
11:14	3.0		7.14	1,192.60	11.69	2.31	-9.80	34.70	
11:17	3.5		7.13	1,194.30	11.86	2.12	-11.50	28.32	
11:20	4.0		7.12	1,195.10	11.94	1.97	-13.00	26.05	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/6/2025 11:20
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.12 pH 1,195.10 Spec. Cond. 11.94 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.61 feet below TOC Drawdown: 0.62 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G210
Sample ID: 033
Date (s): 2/6/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 37 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 11:30 Static Water Level: 10.66 feet below TOC
Total Depth: 27.50 feet below TOC
Water Column: 16.84 feet

Purging Activities

Purged By: BG Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.84 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
11:30	0.0	200	purge start time						
11:35	1.0	↓	7.40	917.30	13.07	3.94	54.20	15.15	
11:38	1.6		7.38	922.50	13.75	3.10	58.40	16.42	
11:41	2.2		7.38	924.50	13.87	2.66	60.20	18.66	
11:44	2.8		7.37	925.70	13.97	2.39	61.70	16.84	
11:47	3.4		7.37	926.20	14.08	2.24	62.80	14.95	
11:50	4.0		7.37	926.30	14.08	2.13	64.10	15.67	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/6/2025 11:50
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.37 pH 926.30 Spec. Cond. 14.08 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.23 feet below TOC Drawdown: 0.57 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1 Monitoring Point: G211
Project Location: Coffeen, Illinois Sample ID: 034
W.O. Number (s): 25011232 Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☒ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 13:20 Static Water Level: 10.89 feet below TOC
Total Depth: 26.30 feet below TOC
Water Column: 15.41 feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.41 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:20	0.0	160	purge start time						
13:33	2.1	↓	7.55	798.90	11.69	4.12	103.50	73.03	
13:36	2.6		7.54	799.80	11.68	3.92	106.90	57.85	
13:39	3.0		7.53	799.30	11.64	3.74	108.90	49.35	
13:42	3.5		7.53	799.70	11.72	3.58	110.30	43.96	
13:45	4.0		7.52	798.70	11.80	3.45	110.90	41.25	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/5/2025 13:45
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.52 pH 798.70 Spec. Cond. 11.80 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.26 feet below TOC Drawdown: 0.37 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/5/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G212
Sample ID: 035
Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☒ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 12:56 Static Water Level: 11.12 feet below TOC
Total Depth: 82.00 feet below TOC
Water Column: 70.88 feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $70.88 \text{ ft.} \times 0.022 = 1.56 \text{ L} \times 3 \text{ Vol.} = 4.68 \text{ L}$ *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
12:56	0.0	313	purge start time						
13:00	1.3	↓	7.39	702.60	12.41	4.39	114.40	9.97	
13:03	2.2		7.41	695.80	10.27	4.27	115.90	8.65	
13:06	3.1		7.37	695.00	13.68	3.82	115.80	8.50	
13:09	4.1		7.37	698.20	13.78	3.57	116.70	8.17	
13:12	5.0		7.35	702.00	13.93	3.10	115.70	10.28	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/5/2025 13:12
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.35 pH 702.00 Spec. Cond. 13.93 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.89 feet below TOC Drawdown: 1.77 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/5/2025



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Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G213
Sample ID: 036
Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 12:23 Static Water Level: 11.65 feet below TOC
Total Depth: 82.00 feet below TOC
Water Column: 70.35 feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 70.35 ft. x 0.022 = 1.55 L x 3 Vol. = 4.65 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:23	0.0	228	purge start time						
12:32	2.1	↓	7.40	701.80	11.64	4.92	65.10	18.72	
12:35	2.7		7.39	693.60	12.49	4.55	75.20	16.38	
12:38	3.4		7.36	701.90	13.70	3.99	80.60	14.36	
12:41	4.1		7.34	701.00	13.75	3.58	85.30	11.10	
12:44	4.8		7.33	699.50	13.74	3.24	88.90	9.85	
12:47	5.5		7.31	699.50	13.70	2.90	91.60	10.74	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/5/2025 12:47
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.31 pH 699.50 Spec. Cond. 13.70 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.42 feet below TOC Drawdown: 0.77 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/5/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G214
Sample ID: 037
Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 45 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

	Well Pad	Good	Locks	Yes	No
	Casing	Good	Protective Casing	X	
	Protective Casing	Good	Well		X
	Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 14:20 Static Water Level: 15.43 feet below TOC
Total Depth: 26.50 feet below TOC
Water Column: 11.07 feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.07 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 1.50 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:20	0.0	88	purge start time						
14:21	0.1	↓	7.21	1,053.60	14.63	7.10	65.40	8.21	
14:22	0.2		7.19	1,110.30	14.44	6.00	59.80	6.94	
14:25	0.4		7.26	1,073.20	13.18	3.90	60.00	7.86	
14:28	0.7		7.29	1,014.80	13.18	3.76	69.80	10.16	
14:31	1.0		7.24	1,026.80	13.30	3.38	75.70	10.87	
14:34	1.2		7.23	1,030.70	13.35	2.93	79.50	12.14	
14:37	1.5		7.23	1,030.50	13.29	2.71	83.20	27.79	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/4/2025 14:37
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.23 pH 1,030.50 Spec. Cond. 13.29 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.76 feet below TOC Drawdown: 0.33 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/4/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G215
Sample ID: 038
Date (s): 2/4/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 45 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 13:46 Static Water Level: 14.98 feet below TOC
Total Depth: 26.90 feet below TOC
Water Column: 11.92 feet

Purging Activities

Purged By: BG Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.92 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: 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
13:46	0.0	167	purge start time						
13:58	2.0	↓	7.05	1,758.30	13.94	2.33	-1.80	25.05	
14:01	2.5		7.05	1,759.50	14.01	1.95	-5.30	31.47	
14:04	3.0		7.05	1,757.50	13.96	1.72	-6.00	35.91	
14:07	3.5		7.04	1,756.10	13.98	1.57	-6.60	46.43	
14:10	4.0		7.04	1,752.60	13.98	1.46	-7.30	51.51	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/4/2025 14:10
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.04 pH 1,752.60 Spec. Cond. 13.98 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.18 feet below TOC Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/4/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G216
Sample ID: 039
Date (s): 2/4/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No	
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 13:15 Static Water Level: 14.19 feet below TOC
Total Depth: 28.50 feet below TOC
Water Column: 14.31 feet

Purging Activities

Purged By: BG Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $14.31 \text{ ft.} \times 0.022 = 0.31 \text{ L} \times 3 \text{ Vol.} = 0.93 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
13:15	0.0	167	purge start time						
13:27	2.0	↓	7.12	2,100.10	12.87	3.86	-33.50	56.83	
13:30	2.5		7.12	2,097.40	12.85	3.76	-34.20	71.71	
13:33	3.0		7.13	2,094.80	12.75	3.78	-33.20	53.78	
13:36	3.5		7.14	2,092.50	12.69	3.79	-32.20	50.51	
13:39	4.0		7.14	2,091.70	12.71	3.94	-30.90	53.75	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/4/2025 13:39
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.14 pH 2,091.70 Spec. Cond. 12.71 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 14.39 feet below TOC Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/4/2025



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Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G217
Sample ID: 040
Date (s): 2/4/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 12:40 Static Water Level: 15.29 feet below TOC
Total Depth: 28.40 feet below TOC
Water Column: 13.11 feet

Purging Activities

Purged By: BG Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.11 ft. x 0.022 = 0.29 L x 3 Vol. = 0.87 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.50 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
12:40	0.0	196	purge start time						
12:48	1.6	↓	7.03	1,765.20	13.33	3.82	-10.90	14.70	
12:51	2.2		7.02	1,756.90	13.37	2.96	-7.50	15.38	
12:54	2.7		7.01	1,748.60	13.41	2.48	-0.70	17.49	
12:57	3.3		7.01	1,745.70	13.48	2.20	1.70	20.14	
13:00	3.9		7.01	1,744.20	13.48	2.01	2.40	23.00	
13:03	4.5		7.00	1,743.60	13.44	1.87	2.70	26.14	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/4/2025 13:03
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.00 pH 1,743.60 Spec. Cond. 13.44 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.71 feet below TOC Drawdown: 0.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/4/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G218
Sample ID: 041
Date (s): 2/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 31 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing Well	<u>X</u>	
Protective Casing	<u>Good</u>			<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/7/2025 8:47 Static Water Level: 15.18 feet below TOC
Total Depth: 28.50 feet below TOC
Water Column: 13.32 feet

Purging Activities

Purged By: BG Purge Date: 2/7/2025
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): 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
8:47	0.0	286	purge start time						
8:49	0.6	↓	7.13	1,637.10	13.24	5.02	-52.60	14.74	
8:52	1.4		7.07	1,668.90	12.98	3.83	-51.50	15.15	
8:55	2.3		7.04	1,696.40	13.11	3.00	-52.50	22.29	
8:58	3.1		7.04	1,700.70	12.99	2.59	-53.90	42.40	
9:01	4.0		7.03	1,699.90	13.78	2.27	-55.30	88.33	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/7/2025 9:01
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.03 pH 1,699.90 Spec. Cond. 13.78 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.67 feet below TOC Drawdown: 0.49 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/7/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G270
Sample ID: 042
Date (s): 2/11/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 38 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 2/11/2025 10:59 Static Water Level: 2.75 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 17.65 feet

Purging Activities

Purged By: JC Purge Date: 2/11/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.65 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:59	0.0	222	purge start time						
11:02	0.7	↓	7.19	655.80	10.22	3.48	17.10	34.03	
11:05	1.3		7.14	654.30	10.21	3.22	25.40	17.39	
11:08	2.0		7.11	654.30	10.37	2.95	31.20	13.20	
11:11	2.7		7.10	654.80	10.38	2.79	35.50	9.84	
11:14	3.3		7.09	654.80	10.47	2.78	39.30	7.69	
11:17	4.0		7.09	654.70	10.50	2.79	43.20	6.27	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/11/2025 11:17
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.09 pH 654.70 Spec. Cond. 10.50 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 3.43 feet below TOC Drawdown: 0.68 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/11/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G271
Sample ID: 043
Date (s): 2/11/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 34 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 2/11/2025 9:25 Static Water Level: 9.88 feet below TOC
Total Depth: 18.70 feet below TOC
Water Column: 8.82 feet

Purging Activities

Purged By: JC Purge Date: 2/11/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 8.82 ft. x 0.022 = 0.19 L x 3 Vol. = 0.57 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:26	0.0	250	purge start time						
9:29	0.8	↓	7.30	850.60	11.77	6.54	85.80	9.32	
9:32	1.5		7.21	871.80	11.72	5.81	90.40	4.82	
9:35	2.3		7.14	901.30	11.82	4.70	93.50	3.59	
9:38	3.0		7.10	917.90	11.92	3.97	95.40	2.38	
9:41	3.8		7.07	935.00	12.01	3.25	96.80	1.47	
9:44	4.5		7.06	941.50	12.02	2.92	97.70	1.51	
9:47	5.2		7.06	941.70	12.08	2.83	98.30	0.93	
9:50	6.0		7.05	944.40	12.10	2.74	98.90	0.92	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/11/2025 9:50
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.05 pH 944.40 Spec. Cond. 12.10 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.28 feet below TOC Drawdown: 2.40 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/11/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G272
Sample ID: 044
Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 9:51 Static Water Level: 9.48 feet below TOC
Total Depth: 17.40 feet below TOC
Water Column: 7.92 feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $7.92 \text{ ft.} \times 0.022 = 0.17 \text{ L} \times 3 \text{ Vol.} = 0.51 \text{ L}$ *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
9:51	0.0	211	purge start time						
10:01	2.1	↓	7.55	1,267.70	10.18	6.10	121.40	15.98	
10:04	2.7		7.50	1,281.10	10.35	6.02	128.90	14.63	
10:07	3.4		7.43	1,335.30	10.44	5.48	133.40	13.39	
10:10	4.0		7.39	1,383.60	10.46	4.80	135.80	12.05	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/5/2025 10:10
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.39 pH 1,383.60 Spec. Cond. 10.46 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.67 feet below TOC Drawdown: 0.19 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/5/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G273
Sample ID: 045
Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 9:11 Static Water Level: 10.16 feet below TOC
Total Depth: 18.90 feet below TOC
Water Column: 8.74 feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $8.74 \text{ ft.} \times 0.022 = 0.19 \text{ L} \times 3 \text{ Vol.} = 0.57 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:11	0.0	71	purge start time						
9:27	1.1	↓	7.23	1,569.20	11.59	3.33	100.40	44.40	
9:30	1.4		7.21	1,603.30	11.61	2.58	91.40	28.73	
9:33	1.6		7.20	1,617.20	11.67	2.11	85.90	22.00	
9:36	1.8		7.19	1,620.60	11.87	1.83	82.00	19.03	
9:39	2.0		7.18	1,624.30	11.99	1.63	78.70	15.07	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/5/2025 9:39
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.18 pH 1,624.30 Spec. Cond. 11.99 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.22 feet below TOC Drawdown: 0.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/5/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G274
Sample ID: 046
Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 10:23 Static Water Level: 13.43 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 6.97 feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $6.97 \text{ ft.} \times 0.022 = 0.15 \text{ L} \times 3 \text{ Vol.} = 0.45 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: CLEAR

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:23	0.0	176	purge start time						
10:31	1.4	↓	7.30	947.00	10.84	4.70	113.80	68.98	
10:34	1.9		7.24	1,079.30	10.89	3.51	77.40	35.42	
10:37	2.5		7.24	1,121.50	10.41	2.89	54.00	33.84	
10:40	3.0		7.24	1,138.70	9.85	2.56	40.30	22.86	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/5/2025 10:40
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.24 pH 1,138.70 Spec. Cond. 9.85 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.73 feet below TOC Drawdown: 0.30 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/5/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G275
Sample ID: 047
Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

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: 2/5/2025 8:36

Static Water Level: T.O.P. feet below TOC
Total Depth: 15.30 feet below TOC
Water Column: N/A feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L):
Actual Purge Volume (L): 0.00 L
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

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)

- Dry; no sample

Form Completed By:

Brett Gillihan

Date: 2/5/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G275D
Sample ID: 048
Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 10:53 Static Water Level: 37.77 feet below TOC
Total Depth: 62.70 feet below TOC
Water Column: 24.93 feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 24.93 ft. x 0.022 = 0.55 L x 3 Vol. = 1.65 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:53	0.0	136	purge start time						
11:03	1.4	↓	7.40	1,432.30	9.47	3.12	-87.70	92.20	
11:06	1.8		7.43	1,419.00	8.63	2.75	-91.50	94.45	
11:09	2.2		7.46	1,419.40	8.26	2.63	-92.80	97.59	
11:12	2.6		7.47	1,415.30	8.17	2.63	-92.10	101.62	
11:15	3.0		7.48	1,417.90	8.09	2.62	-91.50	105.21	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/5/2025 11:15
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.48 pH 1,417.90 Spec. Cond. 8.09 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 38.21 feet below TOC Drawdown: 0.44 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/5/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G276
Sample ID: 049
Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 11:36 Static Water Level: 27.04 feet below TOC
Total Depth: 30.90 feet below TOC
Water Column: 3.86 feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $3.86 \text{ ft.} \times 0.022 = 0.08 \text{ L} \times 3 \text{ Vol.} = 0.24 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Clear Odor: None Color: CLEAR

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:36	0.0	182	purge start time						
11:38	0.4	↓	7.08	1,269.90	13.47	7.44	77.50	5.58	
11:41	0.9		7.07	1,332.00	12.26	5.68	92.80	3.12	
11:44	1.5		7.08	1,328.10	12.17	5.19	103.70	2.64	
11:47	2.0		7.10	1,333.60	12.07	5.23	113.50	2.63	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/5/2025 11:47
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.10 pH 1,333.60 Spec. Cond. 12.07 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 27.93 feet below TOC Drawdown: 0.89 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/5/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G277
Sample ID: 050
Date (s): 2/5/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 45 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks
Protective Casing
Well

Yes	No
X	
	X

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 8:56

Static Water Level: T.O.P. feet below TOC
Total Depth: 22.30 feet below TOC
Water Column: N/A feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter: 2"
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)

- Dry; no sample

Form Completed By:

Brett Gillihan

Date: 2/5/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G278
Sample ID: 051
Date (s): 2/6.25

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 40 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

	Well Pad	Good	Locks	Yes	No
	Casing	Good	Protective Casing	X	
	Protective Casing	Good	Well		X
	Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 13:05 Static Water Level: 23.02 feet below TOC
Total Depth: 26.40 feet below TOC
Water Column: 3.38 feet

Purging Activities

Purged By: BG Purge Date: 2/6.25
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 3.38 ft. x 0.022 = 0.07 L x 3 Vol. = 0.21 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:05	0.0	167	purge start time						
13:14	1.5	↓	6.84	5,318.10	10.75	3.94	185.00	52.24	
13:14	1.5		6.84	5,316.70	10.75	3.92	185.80	51.65	
13:17	2.0		6.88	4,925.70	10.90	3.41	206.80	38.94	
13:20	2.5		6.94	4,405.00	10.86	3.43	200.40	30.36	
13:23	3.0		6.98	4,083.10	10.96	3.61	192.40	22.53	
13:26	3.5		6.99	3,949.30	11.51	3.82	185.70	18.71	
13:29	4.0		6.98	3,969.10	12.58	3.78	185.00	18.86	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/6/2025 13:29
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.98 pH 3,969.10 Spec. Cond. 12.58 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 23.86 feet below TOC Drawdown: 0.84 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G279
Sample ID: 052
Date (s): 2/6/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 39 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 13:35 Static Water Level: 22.03 feet below TOC
Total Depth: 30.80 feet below TOC
Water Column: 8.77 feet

Purging Activities

Purged By: BG Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 8.77 ft. x 0.022 = 0.19 L x 3 Vol. = 0.57 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:35	0.0	190	purge start time						
13:44	1.7	↓	7.06	2,357.60	13.41	7.24	154.20	8.27	
13:47	2.3		7.03	2,379.90	14.25	6.95	155.10	6.12	
13:50	2.9		7.03	2,221.80	14.64	7.12	156.20	5.03	
13:53	3.4		7.02	2,261.70	14.81	7.08	158.00	3.71	
13:56	4.0		7.02	2,301.10	14.73	6.98	159.00	3.11	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/6/2025 13:56
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.02 pH 2,301.10 Spec. Cond. 14.73 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 22.38 feet below TOC Drawdown: 0.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G280
Sample ID: 053
Date (s): 2/6/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 39 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 14:48 Static Water Level: 4.04 feet below TOC
Total Depth: 20.20 feet below TOC
Water Column: 16.16 feet

Purging Activities

Purged By: BG Purge Date: 2/4/2025
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): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:48	0.0	86	purge start time						
14:08	1.7	↓	7.50	843.60	11.65	6.11	117.10	17.51	
14:11	2.0		7.50	822.70	12.02	3.99	120.60	26.04	
14:14	2.2		7.50	825.50	12.33	3.00	121.30	17.44	
14:17	2.5		7.50	826.20	12.37	2.49	121.20	20.06	
14:20	2.7		7.50	828.70	11.96	2.20	120.50	17.35	
14:23	3.0		7.49	826.70	11.85	2.03	119.40	16.29	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/6/2025 14:23
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.49 pH 826.70 Spec. Cond. 11.85 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 4.68 feet below TOC Drawdown: 0.64 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G281
Sample ID: 054
Date (s): 2/5/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 11:19 Static Water Level: 4.56 feet below TOC
Total Depth: 22.80 feet below TOC
Water Column: 18.24 feet

Purging Activities

Purged By: JC Purge Date: 2/5/2025
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: 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
11:20	0.0	294	purge start time						
11:25	1.5	↓	6.98	1,360.30	11.44	2.43	86.20	6.24	
11:28	2.4		6.95	1,362.00	11.66	1.76	86.20	6.72	
11:31	3.2		6.95	1,362.10	11.80	1.48	86.00	6.34	
11:34	4.1		6.95	1,361.10	12.01	1.30	85.60	7.04	
11:37	5.0		6.95	1,361.10	12.02	1.20	85.00	7.72	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/5/2025 11:37
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.95 pH 1,361.10 Spec. Cond. 12.02 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.00 feet below TOC Drawdown: 0.44 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: 

Date: 2/5/2025



Field Data Sheet

Project Name: COF- 25Q1 Monitoring Point: G283
Project Location: Coffeen, Illinois Sample ID: 055
W.O. Number (s): 25011232 Date (s): 2/10/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 37 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 13:07 Static Water Level: 4.64 feet below TOC
Total Depth: 20.80 feet below TOC
Water Column: 16.16 feet

Purging Activities

Purged By: BG Purge Date: 2/10/2025
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): 3.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Lt Brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:07	0.0	150	purge start time						
13:15	1.2	↓	6.99	1,197.60	10.76	5.63	83.20	87.84	
13:18	1.7		6.99	1,194.30	10.82	3.41	39.60	65.78	
13:21	2.1		6.98	1,191.70	10.87	2.65	15.70	65.83	
13:24	2.6		6.98	1,189.40	10.93	2.24	-0.90	98.57	
13:27	3.0		6.98	1,188.50	10.95	1.98	-12.90	118.31	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/10/2025 13:27
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.98 pH 1,188.50 Spec. Cond. 10.95 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.17 feet below TOC Drawdown: 0.53 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G284
Sample ID: 056
Date (s): 2/10/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 37 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No	
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 13:37 Static Water Level: 10.41 feet below TOC
Total Depth: 16.30 feet below TOC
Water Column: 5.89 feet

Purging Activities

Purged By: BG Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $5.89 \text{ ft.} \times 0.022 = 0.13 \text{ L} \times 3 \text{ Vol.} = 0.39 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:37	0.0	176	purge start time						
13:42	0.9	↓	7.22	711.00	11.30	7.23	59.70	5.16	
13:45	1.4		7.34	590.50	10.34	6.89	74.80	3.00	
13:48	1.9		7.25	612.70	10.33	6.41	86.70	2.62	
13:51	2.5		7.22	642.80	10.44	5.68	92.90	2.84	
13:54	3.0		7.20	650.70	10.45	5.21	97.30	2.48	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/10/2025 13:54
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.20 pH 650.70 Spec. Cond. 10.45 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.16 feet below TOC Drawdown: 0.75 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720
-

Form Completed By:

Brett Gillihan

Date: 2/10/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G285
Sample ID: 057
Date (s): 2/11/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/11/2025 9:32 Static Water Level: 4.54 feet below TOC
Total Depth: 26.80 feet below TOC
Water Column: 22.26 feet

Purging Activities

Purged By: BG Purge Date: 2/11/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $22.26 \text{ ft.} \times 0.022 = 0.49 \text{ L} \times 3 \text{ Vol.} = 1.47 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 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
9:32	0.0	187	purge start time						
9:36	0.8	↓	6.85	1,893.80	11.71	6.12	93.90	48.31	
9:39	1.3		6.83	1,895.40	11.39	3.98	90.20	23.90	
9:42	1.9		6.83	1,902.30	11.33	3.06	83.90	25.42	
9:45	2.4		6.83	1,904.60	11.30	2.57	76.70	36.70	
9:48	3.0		6.82	1,905.60	11.32	2.25	70.10	46.39	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/11/2025 9:48
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.82 pH 1,905.60 Spec. Cond. 11.32 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.03 feet below TOC Drawdown: 0.49 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/11/2025



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Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G301
Sample ID: 058
Date (s): 2/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/7/2025 10:02 Static Water Level: 5.69 feet below TOC
Total Depth: 18.60 feet below TOC
Water Column: 12.91 feet

Purging Activities

Purged By: BG Purge Date: 2/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.91 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: 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
10:02	0.0	267	purge start time						
10:05	0.8	↓	6.92	1,081.90	11.49	7.02	23.90	6.88	
10:08	1.6		6.88	1,085.50	11.02	4.21	54.80	29.00	
10:11	2.4		6.87	1,076.50	10.99	3.24	66.70	23.20	
10:14	3.2		6.87	1,074.00	11.24	2.69	74.10	14.69	
10:17	4.0		6.86	1,073.10	11.23	2.35	79.70	10.89	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/7/2025 10:17
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.86 pH 1,073.10 Spec. Cond. 11.23 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.99 feet below TOC Drawdown: 0.30 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/7/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G302
Sample ID: 059
Date (s): 2/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/7/2025 9:38 Static Water Level: 7.72 feet below TOC
Total Depth: 20.50 feet below TOC
Water Column: 12.78 feet

Purging Activities

Purged By: BG Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.78 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: 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
9:38	0.0	308	purge start time						
9:39	0.3	↓	7.14	1,711.00	11.33	7.60	-65.80	50.61	
9:42	1.2		7.10	1,731.80	10.17	5.81	-38.70	47.73	
9:45	2.2		7.09	1,722.90	9.31	5.09	-32.00	44.71	
9:48	3.1		7.08	1,718.60	9.17	4.53	-28.30	49.18	
9:51	4.0		7.06	1,704.10	9.34	4.20	-18.10	46.69	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/7/2025 9:51
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH 1,704.10 Spec. Cond. 9.34 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.75 feet below TOC Drawdown: 2.03 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/7/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G303
Sample ID: 060
Date (s): 2/10/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 31 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 10:59 Static Water Level: 5.09 feet below TOC
Total Depth: 23.30 feet below TOC
Water Column: 18.21 feet

Purging Activities

Purged By: JC Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.21 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: 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
11:00	0.0	217	purge start time						
11:05	1.1	↓	6.83	1,818.70	10.72	3.35	1.80	11.97	
11:08	1.7		6.82	1,815.70	10.42	3.15	25.00	17.58	
11:11	2.4		6.81	1,814.50	10.58	2.94	37.10	20.89	
11:14	3.0		6.81	1,809.40	10.76	2.83	45.60	24.89	
11:17	3.7		6.81	1,808.90	10.98	2.63	51.20	29.16	
11:20	4.3		6.81	1,806.10	11.04	2.53	55.30	36.25	
11:23	5.0		6.81	1,801.30	11.20	2.48	58.30	61.85	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/10/2025 11:23
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.81 pH 1,801.30 Spec. Cond. 11.20 Temp
Field Filtered: No Filter Type:
Water Level: 6.51 feet below TOC Drawdown: 1.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/10/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G305
Sample ID: 061
Date (s): 2/10/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 34 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 11:57 Static Water Level: 6.46 feet below TOC
Total Depth: 21.50 feet below TOC
Water Column: 15.04 feet

Purging Activities

Purged By: BG Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.04 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: 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
11:57	0.0	167	purge start time						
12:06	1.5	↓	7.18	1,614.10	11.59	3.41	88.00	36.84	
12:09	2.0		7.16	1,614.30	11.51	2.90	90.40	22.29	
12:12	2.5		7.16	1,613.50	11.53	2.56	91.30	16.09	
12:15	3.0		7.16	1,613.50	11.46	2.33	91.60	13.20	
12:18	3.5		7.15	1,613.90	12.21	2.11	91.30	11.04	
12:21	4.0		7.14	1,617.60	12.44	1.94	90.50	11.01	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/10/2025 12:21
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.14 pH 1,617.60 Spec. Cond. 12.44 Temp
Field Filtered: No Filter Type:
Water Level: 7.01 feet below TOC Drawdown: 0.55 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G306
Sample ID: 062
Date (s): 2/10/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 26 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 9:31 Static Water Level: 6.22 feet below TOC
Total Depth: 20.90 feet below TOC
Water Column: 14.68 feet

Purging Activities

Purged By: JC Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $14.68 \text{ ft.} \times 0.022 = 0.32 \text{ L} \times 3 \text{ Vol.} = 0.96 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 11.00 L
Physical appearance of purge water: Cloudy Odor: None Color: lt brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:32	0.0	262	purge start time						
9:44	3.1	↓	6.44	566.50	11.64	4.84	54.10	280.95	
9:47	3.9		6.41	571.40	11.59	4.52	67.90	182.86	
9:50	4.7		6.42	583.60	11.61	4.25	76.40	111.06	
9:53	5.5		6.41	594.60	11.61	3.81	82.30	88.78	
9:56	6.3		6.40	601.90	11.71	3.43	86.70	81.28	
9:59	7.1		6.39	607.00	11.84	3.12	90.30	76.23	
10:02	7.9		6.38	610.60	11.91	2.82	93.50	79.90	
10:05	8.6		6.37	614.40	11.88	2.57	96.40	81.91	
10:08	9.4		6.36	617.00	12.00	2.38	98.70	80.07	
10:11	10.2		6.35	618.40	11.99	2.22	100.80	89.12	
10:14	11.0		6.35	619.70	12.10	2.11	102.30	92.88	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/10/2025 10:14
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.35 pH 619.70 Spec. Cond. 12.10 Temp
Field Filtered: No Filter Type:
Water Level: 9.91 feet below TOC Drawdown: 3.69 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Date: 2/10/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G307
Sample ID: 063
Date (s): 2/28/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☒ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing Well	<u>X</u>	
Protective Casing	<u>Good</u>			<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/28/2025 10:04 Static Water Level: 0.20 feet below TOC
Total Depth: 20.60 feet below TOC
Water Column: 20.40 feet

Purging Activities

Purged By: TC Purge Date: 2/28/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 20.4 ft. x 0.022 = 0.45 L x 3 Vol. = 1.35 L
Actual Purge Volume (L): 10.00 L
Physical appearance of purge water: Cloudy Odor: Moderate Color: Yellow

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:04	0.0	370	purge start time						
10:19	5.6	↓	6.82	858.50	12.48	1.09	5.40	244.89	
10:22	6.7		6.83	852.30	12.61	0.86	1.80	219.49	
10:25	7.8		6.83	850.40	12.68	0.79	-1.00	182.26	
10:28	8.9		6.83	861.80	12.44	0.74	-3.50	149.96	
10:31	10.0		6.84	858.60	12.54	0.69	-6.60	125.58	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/28/2025 10:31
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.84 pH 858.60 Spec. Cond. 12.54 Temp
Field Filtered: Yes Filter Type:
Water Level: 0.70 feet below TOC Drawdown: 0.50 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756
- Resample

Form Completed By: Tracy Carroll

Date: 2/28/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G307D
Sample ID: 064
Date (s): 2/10/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 23 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing		X
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 9:01 Static Water Level: 12.49 feet below TOC
Total Depth: 62.00 feet below TOC
Water Column: 49.51 feet

Purging Activities

Purged By: JC Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 49.51 ft. x 0.022 = 1.09 L x 3 Vol. = 3.27 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
9:03	0.0	214	purge start time						
9:08	1.1	↓	7.12	1,214.10	12.46	2.63	-79.80	4.95	
9:11	1.7		7.19	1,234.60	11.80	2.47	-106.40	4.13	
9:14	2.4		7.22	1,244.80	11.34	2.36	-115.60	3.60	
9:17	3.0		7.23	1,246.20	11.75	2.24	-117.90	2.84	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/10/2025 9:17
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.23 pH 1,246.20 Spec. Cond. 11.75 Temp
Field Filtered: No Filter Type:
Water Level: 16.10 feet below TOC Drawdown: 3.61 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/10/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G308
Sample ID: 065
Date (s): 2/10/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 12:21 Static Water Level: 4.38 feet below TOC
Total Depth: 18.20 feet below TOC
Water Column: 13.82 feet

Purging Activities

Purged By: JC Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $13.82 \text{ ft.} \times 0.022 = 0.3 \text{ L} \times 3 \text{ Vol.} = 0.9 \text{ L}$ *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
12:21	0.0	286	purge start time						
12:26	1.4	↓	7.10	1,547.70	11.64	1.49	-0.70	20.30	
12:29	2.3		7.09	1,541.30	11.77	1.04	11.30	10.04	
12:32	3.1		7.08	1,538.90	11.88	0.89	18.80	6.61	
12:35	4.0		7.08	1,537.50	11.93	0.82	24.20	5.45	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/10/2025 12:35
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.08 pH 1,537.50 Spec. Cond. 11.93 Temp
Field Filtered: No Filter Type:
Water Level: 5.01 feet below TOC Drawdown: 0.63 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/10/2025



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Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G310
Sample ID: 066
Date (s): 2/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 31 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No	
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 2/7/2025 9:17 Static Water Level: 7.42 feet below TOC
Total Depth: 18.40 feet below TOC
Water Column: 10.98 feet

Purging Activities

Purged By: JC Purge Date: 2/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $10.98 \text{ ft.} \times 0.022 = 0.24 \text{ L} \times 3 \text{ Vol.} = 0.72 \text{ L}$ *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
9:18	0.0	333	purge start time						
9:21	1.0	↓	7.06	1,160.60	12.23	1.47	12.80	6.16	
9:24	2.0		7.03	1,156.00	12.45	0.99	24.40	1.60	
9:27	3.0		7.02	1,153.40	12.58	0.80	31.00	1.13	
9:30	4.0		7.01	1,154.20	12.64	0.71	35.40	1.09	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/7/2025 9:30
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.01 pH 1,154.20 Spec. Cond. 12.64 Temp
Field Filtered: No Filter Type:
Water Level: 7.70 feet below TOC Drawdown: 0.28 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/7/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G312
Sample ID: 067
Date (s): 2/10/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 28 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 10:48 Static Water Level: 10.27 feet below TOC
Total Depth: 17.80 feet below TOC
Water Column: 7.53 feet

Purging Activities

Purged By: TC Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 7.53 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
10:48	0.0	211	purge start time						
11:08	4.2	↓	6.33	1,445.70	12.12	3.29	109.70	1.32	
11:11	4.8		6.33	1,586.30	12.12	2.95	110.00	1.05	
11:14	5.5		6.33	1,712.20	12.19	2.70	109.60	0.92	
11:17	6.1		6.33	1,812.30	12.29	2.50	109.00	0.80	
11:20	6.7		6.33	1,897.10	12.30	2.28	108.50	0.86	
11:23	7.4		6.33	1,964.90	12.34	2.08	108.20	0.78	
11:26	8.0		6.33	2,013.00	12.34	1.91	108.00	0.87	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/10/2025 11:26
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.33 pH 2,013.00 Spec. Cond. 12.34 Temp
Field Filtered: No Filter Type:
Water Level: 11.43 feet below TOC Drawdown: 1.16 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Tracy Carroll

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G313
Sample ID: 068
Date (s): 2/11/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No	
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 2/11/2025 10:09 Static Water Level: 3.79 feet below TOC
Total Depth: 14.30 feet below TOC
Water Column: 10.51 feet

Purging Activities

Purged By: BG Purge Date: 2/11/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $10.51 \text{ ft.} \times 0.022 = 0.23 \text{ L} \times 3 \text{ Vol.} = 0.69 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:09	0.0	200	purge start time						
10:12	0.6	↓	6.93	1,680.00	10.43	6.08	97.60	12.88	
10:15	1.2		6.89	1,669.30	9.32	4.12	93.30	9.08	
10:18	1.8		6.88	1,669.20	9.11	3.26	87.30	7.43	
10:21	2.4		6.87	1,658.30	10.53	2.71	80.60	8.12	
10:24	3.0		6.87	1,669.90	10.86	2.31	75.20	5.75	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/11/2025 10:24
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.87 pH 1,669.90 Spec. Cond. 10.86 Temp
Field Filtered: No Filter Type:
Water Level: 4.13 feet below TOC Drawdown: 0.34 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/11/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G314
Sample ID: 069
Date (s): 2/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 31 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/7/2025 8:41 Static Water Level: 6.74 feet below TOC
Total Depth: 22.80 feet below TOC
Water Column: 16.06 feet

Purging Activities

Purged By: JC Purge Date: 2/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $16.06 \text{ ft.} \times 0.022 = 0.35 \text{ L} \times 3 \text{ Vol.} = 1.05 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Cloudy Odor: None Color: It 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
8:45	0.0	231	purge start time						
8:49	0.9	↓	6.48	3,451.40	11.30	1.04	-45.30	127.78	
8:52	1.6		6.52	3,452.60	11.37	0.88	-56.40	107.79	
8:55	2.3		6.54	3,461.80	11.11	0.83	-60.00	101.17	
8:58	3.0		6.55	3,464.60	10.68	0.79	-61.30	105.76	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/7/2025 8:58
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.55 pH 3,464.60 Spec. Cond. 10.68 Temp
Field Filtered: No Filter Type:
Water Level: 8.70 feet below TOC Drawdown: 1.96 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/7/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G314D
Sample ID: 070
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 38 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 14:02 Static Water Level: 6.04 feet below TOC
Total Depth: 52.30 feet below TOC
Water Column: 46.26 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 46.26 ft. x 0.022 = 1.02 L x 3 Vol. = 3.06 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
14:03	0.0	214	purge start time						
14:07	0.9	↓	6.92	2,372.90	11.98	1.13	-94.60	143.68	
14:10	1.5		6.90	2,371.50	12.17	0.74	-98.60	200.80	
14:13	2.1		6.90	2,364.30	12.13	0.59	-102.80	187.58	
14:16	2.8		6.91	2,373.90	12.43	0.52	-106.20	239.26	
14:19	3.4		6.91	2,376.20	12.40	0.48	-109.30	372.27	
14:22	4.1		6.91	2,374.60	12.36	0.45	-114.50	215.12	
14:25	4.7		6.91	2,368.80	12.48	0.43	-120.20	335.68	
14:28	5.4		6.92	2,384.80	12.39	0.43	-124.10	96.79	
14:31	6.0		6.92	2,380.00	11.77	0.43	-126.90	96.24	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 14:31
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.92 pH 2,380.00 Spec. Cond. 11.77 Temp
Field Filtered: No Filter Type:
Water Level: 14.39 feet below TOC Drawdown: 8.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G315
Sample ID: 071
Date (s): 2/10/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 28 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 10:31 Static Water Level: 2.59 feet below TOC
Total Depth: 17.40 feet below TOC
Water Column: 14.81 feet

Purging Activities

Purged By: JC Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.81 ft. x 0.022 = 0.33 L x 3 Vol. = 0.99 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
10:31	0.0	294	purge start time						
10:36	1.5	↓	6.77	1,087.60	10.79	1.72	93.70	4.93	
10:39	2.4		6.76	1,083.60	10.96	1.32	94.60	4.48	
10:42	3.2		6.76	1,078.80	11.08	1.13	94.90	2.59	
10:45	4.1		6.76	1,076.80	11.09	1.03	94.90	1.68	
10:48	5.0		6.76	1,075.20	11.15	0.95	94.80	1.54	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/10/2025 10:48
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.76 pH 1,075.20 Spec. Cond. 11.15 Temp
Field Filtered: No Filter Type:
Water Level: 3.30 feet below TOC Drawdown: 0.71 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G316
Sample ID: 072
Date (s): 2/10/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 31 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No	
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 11:52 Static Water Level: 2.03 feet below TOC
Total Depth: 18.10 feet below TOC
Water Column: 16.07 feet

Purging Activities

Purged By: JC Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $16.07 \text{ ft.} \times 0.022 = 0.35 \text{ L} \times 3 \text{ Vol.} = 1.05 \text{ L}$ *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
11:53	0.0	286	purge start time						
11:58	1.4	↓	7.05	1,663.50	10.30	2.39	-104.10	53.20	
12:01	2.3		7.03	1,689.20	10.30	2.22	-106.70	32.12	
12:04	3.1		6.97	1,762.20	10.47	1.83	-107.40	17.87	
12:07	4.0		6.95	1,783.20	10.57	1.81	-108.50	12.86	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/10/2025 12:07
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.95 pH 1,783.20 Spec. Cond. 10.57 Temp
Field Filtered: No Filter Type:
Water Level: 2.91 feet below TOC Drawdown: 0.88 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/10/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G401
Sample ID: 073
Date (s): 2/10/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 37 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 13:51 Static Water Level: 21.26 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 0.54 feet

Purging Activities

Purged By: JC Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 0.5399999999999999 ft. x 0.022 = 0.01 L x 3 Vol. = 0.0: *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:51	0.0	200	purge start time						
13:54	0.6	↓	6.10	1,154.90	13.19	3.09	99.80	82.23	
13:57	1.2		6.07	1,153.10	12.83	2.73	108.00	47.23	
14:00	1.8		6.03	1,200.10	13.04	2.45	105.90	19.84	
14:03	2.4		5.98	1,280.40	12.94	2.14	106.60	9.43	
14:06	3.0		5.97	1,308.40	13.08	2.05	97.70	10.15	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/10/2025 14:06
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 5.97 pH 1,308.40 Spec. Cond. 13.08 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 21.75 feet below TOC Drawdown: 0.49 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G402
Sample ID: 074
Date (s): 2/10/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 12:51 Static Water Level: 8.60 feet below TOC
Total Depth: 23.40 feet below TOC
Water Column: 14.80 feet

Purging Activities

Purged By: JC Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $14.8 \text{ ft.} \times 0.022 = 0.33 \text{ L} \times 3 \text{ Vol.} = 0.99 \text{ L}$ *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
12:52	0.0	207	purge start time						
13:03	2.3	↓	6.84	1,511.40	11.80	6.49	84.60	19.39	
13:06	2.9		6.86	1,512.60	11.66	7.08	88.30	19.12	
13:09	3.5		6.87	1,513.50	11.54	7.50	91.50	18.11	
13:12	4.1		6.89	1,514.50	11.61	7.87	93.60	17.74	
13:15	4.8		6.89	1,515.40	11.60	8.06	95.30	17.47	
13:18	5.4		6.90	1,515.90	11.60	8.23	96.80	16.34	
13:21	6.0		6.90	1,519.50	11.69	8.21	97.70	15.99	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/10/2025 13:21
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH 1,519.50 Spec. Cond. 11.69 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.30 feet below TOC Drawdown: 0.70 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G403
Sample ID: 075
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 11:36 Static Water Level: 5.78 feet below TOC
Total Depth: 20.80 feet below TOC
Water Column: 15.02 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $15.02 \text{ ft.} \times 0.022 = 0.33 \text{ L} \times 3 \text{ Vol.} = 0.99 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:37	0.0	250	purge start time						
11:40	0.8	↓	6.87	594.50	11.52	2.47	91.30	9.15	
11:43	1.5		6.86	593.40	10.96	2.26	94.00	5.00	
11:46	2.3		6.86	593.50	11.31	2.13	95.90	4.31	
11:49	3.0		6.86	594.20	11.25	2.07	97.50	3.22	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 11:49
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.86 pH 594.20 Spec. Cond. 11.25 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.91 feet below TOC Drawdown: 3.13 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G404
Sample ID: 076
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 10:47 Static Water Level: 3.16 feet below TOC
Total Depth: 14.10 feet below TOC
Water Column: 10.94 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $10.94 \text{ ft.} \times 0.022 = 0.24 \text{ L} \times 3 \text{ Vol.} = 0.72 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 9.50 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
10:48	0.0	264	purge start time						
10:51	0.8	↓	6.83	1,153.80	9.33	2.53	78.50	8.36	
10:54	1.6		6.98	768.10	8.34	3.30	72.80	2.82	
10:57	2.4		6.98	747.00	8.36	3.23	71.30	2.01	
11:00	3.2		6.96	755.10	8.41	3.01	68.60	1.19	
11:03	4.0		6.93	765.50	8.60	2.79	66.70	0.65	
11:06	4.8		6.91	787.10	8.71	2.59	65.70	0.68	
11:09	5.5		6.88	823.40	8.72	2.28	66.30	0.33	
11:12	6.3		6.85	858.90	8.77	1.96	66.60	0.38	
11:15	7.1		6.83	882.80	8.74	1.73	66.90	0.22	
11:18	7.9		6.81	907.80	8.73	1.53	66.30	0.23	
11:21	8.7		6.80	926.30	8.83	1.38	65.60	0.27	
11:24	9.5		6.79	941.10	8.78	1.29	65.60	-0.03	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 11:24
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.79 pH 941.10 Spec. Cond. 8.78 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.21 feet below TOC Drawdown: 2.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G405
Sample ID: 077
Date (s): 2/5/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 11:48 Static Water Level: 6.21 feet below TOC
Total Depth: 16.40 feet below TOC
Water Column: 10.19 feet

Purging Activities

Purged By: JC Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 10.19 ft. x 0.022 = 0.22 L x 3 Vol. = 0.66 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: 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
11:49	0.0	222	purge start time						
11:52	0.7	↓	7.08	1,598.90	10.41	4.36	57.10	22.48	
11:55	1.3		6.94	1,881.60	10.99	2.26	47.40	8.44	
11:58	2.0		6.92	1,931.80	11.19	1.42	44.20	6.51	
12:01	2.7		6.92	1,951.50	11.26	1.10	42.50	4.69	
12:04	3.3		6.91	1,954.80	11.31	0.97	41.30	3.40	
12:07	4.0		6.91	1,954.90	11.33	0.90	40.90	2.80	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/5/2025 12:07
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.91 pH 1,954.90 Spec. Cond. 11.33 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.83 feet below TOC Drawdown: 0.62 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/5/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G406
Sample ID: 078
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 12:04 Static Water Level: 10.35 feet below TOC
Total Depth: 22.30 feet below TOC
Water Column: 11.95 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.95 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
12:05	0.0	250	purge start time						
12:09	1.0	↓	6.61	1,098.70	13.00	2.57	112.30	1.04	
12:12	1.8		6.61	1,103.00	13.15	1.91	114.80	1.08	
12:15	2.5		6.62	1,104.50	13.01	1.75	116.10	1.01	
12:18	3.3		6.62	1,104.10	13.02	1.61	117.00	0.59	
12:21	4.0		6.62	1,103.30	13.17	1.52	117.90	0.08	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 12:21
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.62 pH 1,103.30 Spec. Cond. 13.17 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.83 feet below TOC Drawdown: 0.48 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G407
Sample ID: 079
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 36 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 12:35 Static Water Level: 5.14 feet below TOC
Total Depth: 23.00 feet below TOC
Water Column: 17.86 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.86 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 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
12:36	0.0	180	purge start time						
12:40	0.7	↓	6.53	2,598.00	11.51	2.34	89.50	7.45	
12:43	1.3		6.59	2,480.10	10.64	2.48	92.50	6.07	
12:46	1.8		6.70	2,210.80	10.42	3.02	94.80	7.45	
12:49	2.3		6.85	1,917.60	10.33	4.73	93.90	8.30	
12:52	2.9		6.93	1,803.00	10.21	5.61	94.20	9.05	
12:55	3.4		6.96	1,769.80	10.31	5.89	95.40	8.96	
12:58	4.0		6.95	1,772.30	10.43	5.87	96.90	9.63	
13:01	4.5		6.94	1,780.30	10.59	5.72	98.30	9.94	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 13:01
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.94 pH 1,780.30 Spec. Cond. 10.59 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.42 feet below TOC Drawdown: 4.28 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G410
Sample ID: 080
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 38 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 13:13 Static Water Level: 7.46 feet below TOC
Total Depth: 16.70 feet below TOC
Water Column: 9.24 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 9.24 ft. x 0.022 = 0.2 L x 3 Vol. = 0.6 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
13:16	0.0	190	purge start time						
13:22	1.1	↓	6.73	773.50	10.92	3.45	21.10	6.16	
13:25	1.7		6.70	779.80	10.99	3.11	14.40	3.61	
13:28	2.3		6.68	794.20	11.02	2.69	10.30	2.53	
13:31	2.9		6.67	805.30	11.03	2.37	8.10	2.62	
13:34	3.4		6.68	806.70	11.08	2.83	7.40	2.06	
13:37	4.0		6.68	807.50	11.01	2.82	7.30	2.06	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 13:37
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.68 pH 807.50 Spec. Cond. 11.01 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.50 feet below TOC Drawdown: 2.04 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G411
Sample ID: 081
Date (s): 2/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/7/2025 9:44 Static Water Level: 6.18 feet below TOC
Total Depth: 19.20 feet below TOC
Water Column: 13.02 feet

Purging Activities

Purged By: JC Purge Date: 2/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $13.02 \text{ ft.} \times 0.022 = 0.29 \text{ L} \times 3 \text{ Vol.} = 0.87 \text{ L}$ *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
9:45	0.0	321	purge start time						
9:50	1.6	↓	7.22	738.70	11.14	1.73	55.10	2.42	
9:53	2.6		7.21	741.90	11.26	1.43	54.60	3.50	
9:56	3.5		7.21	744.30	11.18	1.31	54.40	1.75	
9:59	4.5		7.21	747.60	11.30	1.23	54.30	0.53	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/7/2025 9:59
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.21 pH 747.60 Spec. Cond. 11.30 Temp
Field Filtered: No Filter Type:
Water Level: 6.73 feet below TOC Drawdown: 0.55 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/7/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: L201
Sample ID: 082
Date (s): 2/11/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Other (see note)	Locks	Yes	No
Casing	Other (see note)	Protective Casing	X	
Protective Casing	Other (see note)	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: - -

Static Water Level: - feet below TOC

Total Depth: - feet below TOC

Water Column: #VALUE! feet

Purging Activities

Purged By: TC 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: 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
10:18	0.5	-	11.72	12,584.70	10.96	4.35	153.20	2.16	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/11/2025 10:18
Sample Method: Direct Sample Sample Equipment: Direct Grab
Sample Parameters: 11.72 pH 12,584.70 Spec. Cond. 10.96 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: 210756
- Sampled directly from leachate line

Form Completed By:

Tracy Carroll

Date: 2/11/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: L202
Sample ID: 083
Date (s): 2/11/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 35 °F

Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy

Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad Other (see note)
Casing Other (see note)
Protective Casing Other (see note)
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: - -

Static Water Level: - feet below TOC

Total Depth: - feet below TOC

Water Column: feet

Purging Activities

Purged By: TC

Purge Date:

Purge Method: Direct Grab

Well Diameter:

Purge Volume Calculation (L):

Actual Purge Volume (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
10:22	0.5	-	11.78	14,312.70	13.38	3.61	125.20	7.42	

Sampling Activities

Sampled By: TC

Sample Date/Time: 2/11/2025 10:22

Sample Method: Direct Sample

Sample Equipment: Direct Grab

Sample Parameters: 11.78 pH 14,312.70 Spec. Cond. 13.38 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: 210756
- Sampled directly from leachate line

Form Completed By:

Tracy Carroll

Date: 2/11/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: L203
Sample ID: 084
Date (s): 2/11/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Other (see note)	Locks	Yes	No
Casing	Other (see note)	Protective Casing		X
Protective Casing	Other (see note)	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: - - Static Water Level: - feet below TOC
Total Depth: - feet below TOC
Water Column: #VALUE! feet

Purging Activities

Purged By: TC 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: 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
10:28	0.5	-	11.67	13,209.40	16.19	3.18	104.70	6.75	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/11/2025 10:28
Sample Method: Direct Sample Sample Equipment: Direct Grab
Sample Parameters: 11.67 pH 13,209.40 Spec. Cond. 16.19 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: 210756
- Sampled directly from leachate line

Form Completed By:

Tracy Carroll

Date: 2/11/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: NE Riser
Sample ID: 085
Date (s): 2/11/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: - - Static Water Level: - feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: TC Purge Date: 2/11/2025
Purge Method: Bladder Pump 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
9:44	0.0	279	purge start time						
9:45	0.3	↓	6.56	17,289.70	6.73	2.52	288.90	3.96	
9:48	1.1		6.67	17,438.10	6.85	0.99	296.10	3.62	
9:51	2.0		6.68	17,440.80	6.90	0.67	291.60	2.10	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/11/2025 9:51
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.68 pH 17,440.80 Spec. Cond. 6.90 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: 210756

Form Completed By: Tracy Carroll Date: 2/11/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: R104
Sample ID: 086
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing		<u>X</u>
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 13:47 Static Water Level: 8.32 feet below TOC
Total Depth: 22.70 feet below TOC
Water Column: 14.38 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
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): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:48	0.0	214	purge start time						
13:53	1.1	↓	7.50	771.10	12.23	6.43	136.40	2.53	
13:56	1.7		7.49	770.10	12.01	6.29	137.90	2.74	
13:59	2.4		7.49	769.90	11.80	6.25	139.20	2.41	
14:02	3.0		7.49	768.90	11.85	6.21	140.20	2.37	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 14:02
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.49 pH 768.90 Spec. Cond. 11.85 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.19 feet below TOC Drawdown: 1.87 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/4/2025



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Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: R201
Sample ID: 087
Date (s): 2/10/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 26 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 9:48 Static Water Level: 2.81 feet below TOC
Total Depth: 22.20 feet below TOC
Water Column: 19.39 feet

Purging Activities

Purged By: BG Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 19.39 ft. x 0.022 = 0.43 L x 3 Vol. = 1.29 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 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
9:48	0.0	138	purge start time						
10:02	1.9	↓	6.91	1,169.00	9.91	2.78	-18.80	66.17	
10:05	2.3		6.91	1,166.90	10.03	2.50	-13.90	55.95	
10:08	2.8		6.91	1,167.20	10.08	2.30	-12.00	55.91	
10:11	3.2		6.91	1,163.00	10.00	2.17	-9.40	53.32	
10:14	3.6		6.91	1,156.20	10.33	2.07	-7.70	89.60	
10:17	4.0		6.91	1,156.40	10.49	1.92	-4.70	126.41	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/10/2025 10:17
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.91 pH 1,156.40 Spec. Cond. 10.49 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 3.27 feet below TOC Drawdown: 0.46 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: R205
Sample ID: 088
Date (s): 2/10/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 11:06 Static Water Level: 5.03 feet below TOC
Total Depth: 19.00 feet below TOC
Water Column: 13.97 feet

Purging Activities

Purged By: BG Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $13.97 \text{ ft.} \times 0.022 = 0.31 \text{ L} \times 3 \text{ Vol.} = 0.93 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.50 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
11:06	0.0	225	purge start time						
11:17	2.5	↓	6.72	1,278.00	8.74	3.51	113.90	31.44	
11:20	3.2		6.72	1,278.30	8.88	3.21	115.40	25.64	
11:23	3.8		6.73	1,278.70	9.04	2.96	116.20	21.76	
11:26	4.5		6.72	1,271.10	10.53	2.66	116.10	18.94	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/10/2025 11:26
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.72 pH 1,271.10 Spec. Cond. 10.53 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.82 feet below TOC Drawdown: 0.79 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/10/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: SG-02
Sample ID: 089
Date (s): 2/3/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks
Protective Casing
Well

Yes	No

Groundwater Level Measurements

Date/Time Measured: 2/3/2025 12:15

Static Water Level: 5.81 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; no sample

Form Completed By: Justin Colp

Date: 2/3/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: SG-03
Sample ID: 090
Date (s): 2/3/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 60 °F

Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy

Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured: 2/3/2025 12:00

Static Water Level: 8.34 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; no sample

Form Completed By: Justin Colp

Date: 2/3/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: T127
Sample ID: 091
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 38 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing		X
Protective Casing	<u>Good</u>	Well		X
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 9:51 Static Water Level: 14.84 feet below TOC
Total Depth: 21.28 feet below TOC
Water Column: 6.44 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 6.44 ft. x 0.022 = 0.14 L x 3 Vol. = 0.42 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
9:52	0.0	200	purge start time						
9:56	0.8	↓	7.16	753.90	11.87	3.78	147.10	12.11	
9:59	1.4		7.14	750.70	12.11	3.14	147.60	14.03	
10:02	2.0		7.11	752.80	12.21	2.80	147.70	11.88	
10:05	2.6		7.10	752.50	12.30	2.52	147.60	10.37	
10:08	3.2		7.09	751.90	12.41	2.29	147.10	9.22	
10:11	3.8		7.09	752.30	12.38	2.18	146.80	8.95	
10:14	4.4		7.08	750.90	13.01	1.94	146.50	8.06	
10:17	5.0		7.08	753.70	12.65	1.86	146.20	8.06	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 10:17
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.08 pH 753.70 Spec. Cond. 12.65 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.00 feet below TOC Drawdown: 0.16 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/4/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: T128
Sample ID: 092
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 38 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 10:29 Static Water Level: 14.41 feet below TOC
Total Depth: 28.70 feet below TOC
Water Column: 14.29 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.29 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
10:29	0.0	200	purge start time						
10:33	0.8	↓	7.14	739.00	12.98	3.67	147.40	2.64	
10:36	1.4		7.12	738.00	12.90	2.94	147.70	2.65	
10:39	2.0		7.09	737.80	13.05	2.62	145.60	2.02	
10:42	2.6		7.06	738.20	13.03	2.20	139.90	1.82	
10:45	3.2		7.04	737.70	13.18	1.86	127.70	1.49	
10:48	3.8		7.02	737.60	13.14	1.66	115.30	1.15	
10:51	4.4		7.01	736.60	13.10	1.52	103.70	0.49	
10:54	5.0		7.02	737.40	13.26	1.61	92.90	0.21	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 10:54
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.02 pH 737.40 Spec. Cond. 13.26 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 14.55 feet below TOC Drawdown: 0.14 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/4/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: X201
Sample ID: 093
Date (s): 2/11/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Other (see note)	Locks	Yes	No
Casing	Other (see note)	Protective Casing		X
Protective Casing	Other (see note)	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/11/2025 10:08 Static Water Level: 26.87 feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: TC Purge Date: 2/11/2025
Purge Method: Direct Grab Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L): L
Physical appearance of purge water: Slightly cloudy Odor: Slight 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
10:10	0.5	N/A	6.42	21,041.20	3.85	11.26	199.50	1.24	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/11/2025 10:10
Sample Method: Direct Sample Sample Equipment: Direct Grab
Sample Parameters: 6.42 pH 21,041.20 Spec. Cond. 3.85 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: 210756

Form Completed By:

Tracy Carroll

Date: 2/11/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: XPW01
Sample ID: 094
Date (s): 2/11/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing		X
Protective Casing	<u>Good</u>	Well		X
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/11/2025 10:01 Static Water Level: 5.66 feet below TOC
Total Depth: 16.10 feet below TOC
Water Column: 10.44 feet

Purging Activities

Purged By: JC Purge Date: 2/11/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 10.44 ft. x 0.022 = 0.23 L x 3 Vol. = 0.69 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Cloudy Odor: None Color: lt brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:02	0.0	250	purge start time						
10:05	0.7	↓	7.77	1,137.60	13.35	2.10	93.60	474.32	
10:08	1.5		7.77	1,138.80	13.41	1.15	86.50	171.37	
10:11	2.2		7.78	1,137.70	13.58	0.98	68.50	103.35	
10:14	3.0		7.78	1,137.20	13.57	0.89	34.40	67.37	
10:17	3.8		7.78	1,136.30	13.64	0.84	-8.10	53.03	
10:20	4.5		7.78	1,135.50	13.66	0.80	-45.50	42.54	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/11/2025 10:20
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.78 pH 1,135.50 Spec. Cond. 13.66 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.72 feet below TOC Drawdown: 0.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/11/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: XPW02
Sample ID: 095
Date (s): 2/11/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/11/2025 10:26 Static Water Level: 10.85 feet below TOC
Total Depth: 21.30 feet below TOC
Water Column: 10.45 feet

Purging Activities

Purged By: JC Purge Date: 2/11/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $10.45 \text{ ft.} \times 0.022 = 0.23 \text{ L} \times 3 \text{ Vol.} = 0.69 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Cloudy Odor: None Color: It brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:26	0.0	231	purge start time						
10:30	0.9	↓	7.49	789.20	16.17	1.88	-145.80	19.16	
10:33	1.6		7.48	754.30	16.41	1.10	-155.60	11.00	
10:36	2.3		7.48	747.40	16.41	0.94	-158.60	26.51	
10:39	3.0		7.48	748.00	16.43	0.86	-161.40	21.94	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/11/2025 10:39
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.48 pH 748.00 Spec. Cond. 16.43 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.87 feet below TOC Drawdown: 0.02 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/11/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: XSG-01
Sample ID: 096
Date (s): 2/3/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 60 °F

Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy

Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks
Protective Casing
Well

Yes	No

Groundwater Level Measurements

Date/Time Measured: 2/3/2025 10:45

Static Water Level: 6.72 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; no sample

Form Completed By:

Justin Colp

Date: 2/3/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: Field Blank
Sample ID: 097
Date (s): 2/11/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 35 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks
Protective Casing
Well

Yes	No

Groundwater Level Measurements

Date/Time Measured: - - Static Water Level: - feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: TC Purge Date: 2/11/2025
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

Sampling Activities

Sampled By: TC Sample Date/Time: 2/11/2025 11:01
Sample Method: Direct Sample Sample Equipment: Direct Grab
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: - feet below TOC Drawdown: #VALUE! feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- QA/QC Sample

Form Completed By:

Tracy Carroll

Date: 2/11/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G108 Duplicate
Sample ID: 098
Date (s): 2/5/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks
Protective Casing X
Well X

Groundwater Level Measurements

Date/Time Measured: 2/5/2025 8:52 Static Water Level: 10.09 feet below TOC
Total Depth: 26.60 feet below TOC
Water Column: 16.51 feet

Purging Activities

Purged By: JC Purge Date: 2/5/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.51 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 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
8:52	0.0	233	purge start time						
8:58	1.4	↓	7.33	737.90	12.69	5.51	89.40	6.67	
9:01	2.1		7.33	738.80	12.72	5.24	89.80	5.92	
9:04	2.8		7.30	738.70	12.60	4.75	90.60	6.01	
9:07	3.5		7.27	739.70	12.71	4.07	91.40	4.83	
9:10	4.2		7.25	739.80	12.76	3.68	91.80	3.38	
9:13	4.9		7.23	739.00	12.80	3.26	92.20	3.22	
9:16	5.6		7.21	740.50	12.62	2.88	92.60	2.52	
9:19	6.3		7.20	739.50	12.30	2.59	93.00	2.50	
9:22	7.0		7.20	739.10	12.21	2.47	93.20	2.20	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/5/2025 9:22
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.20 pH 739.10 Spec. Cond. 12.21 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.52 feet below TOC Drawdown: 1.43 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/5/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G125 Duplicate
Sample ID: 099
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 42 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 11:56 Static Water Level: 14.29 feet below TOC
Total Depth: 26.70 feet below TOC
Water Column: 12.41 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.41 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 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
11:56	0.0	269	purge start time						
12:00	1.1	↓	7.28	903.80	13.82	6.07	148.70	5.12	
12:03	1.9		7.25	902.70	13.84	5.83	150.50	9.77	
12:06	2.7		7.25	904.30	13.99	5.66	151.20	13.22	
12:09	3.5		7.22	911.00	13.88	5.76	151.50	15.10	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 12:09
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.22 pH 911.00 Spec. Cond. 13.88 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.92 feet below TOC Drawdown: 1.63 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
- Used 6 field filters to fill containers

Form Completed By:

Justin Colp

Date: 2/4/2025



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Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: R205 Duplicate
Sample ID: 100
Date (s): 2/10/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 11:06 Static Water Level: 5.03 feet below TOC
Total Depth: 19.00 feet below TOC
Water Column: 13.97 feet

Purging Activities

Purged By: BG Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $13.97 \text{ ft.} \times 0.022 = 0.31 \text{ L} \times 3 \text{ Vol.} = 0.93 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.50 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
11:06	0.0	225	purge start time						
11:17	2.5	↓	6.72	1,278.00	8.74	3.51	113.90	31.44	
11:20	3.2		6.72	1,278.30	8.88	3.21	115.40	25.64	
11:23	3.8		6.73	1,278.70	9.04	2.96	116.20	21.76	
11:26	4.5		6.72	1,271.10	10.53	2.66	116.10	18.94	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/10/2025 11:26
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.72 pH 1,271.10 Spec. Cond. 10.53 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.82 feet below TOC Drawdown: 0.79 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: R201 Duplicate
Sample ID: 101
Date (s): 2/10/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 26 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 9:48 Static Water Level: 2.81 feet below TOC
Total Depth: 22.20 feet below TOC
Water Column: 19.39 feet

Purging Activities

Purged By: BG Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $19.39 \text{ ft.} \times 0.022 = 0.43 \text{ L} \times 3 \text{ Vol.} = 1.29 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
9:48	0.0	138	purge start time						
10:05	2.3	↓	6.91	1,166.90	10.03	2.50	-13.90	55.95	
10:08	2.8		6.91	1,167.20	10.08	2.30	-12.00	55.91	
10:11	3.2		6.91	1,163.00	10.00	2.17	-9.40	53.32	
10:14	3.6		6.91	1,156.20	10.33	2.07	-7.70	89.60	
10:17	4.0		6.91	1,156.40	10.49	1.92	-4.70	126.41	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/10/2025 10:17
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.91 pH 1,156.40 Spec. Cond. 10.49 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 3.27 feet below TOC Drawdown: 0.46 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/10/2025



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Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G305 Duplicate
Sample ID: 102
Date (s): 2/10/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 34 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 11:57 Static Water Level: 6.46 feet below TOC
Total Depth: 21.50 feet below TOC
Water Column: 15.04 feet

Purging Activities

Purged By: BG Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.04 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: 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
11:57	0.0	167	purge start time						
12:06	1.5	↓	7.18	1,614.10	11.59	3.41	88.00	36.84	
12:09	2.0		7.16	1,614.30	11.51	2.90	90.40	22.29	
12:12	2.5		7.16	1,613.50	11.53	2.56	91.30	16.09	
12:15	3.0		7.16	1,613.50	11.46	2.33	91.60	13.20	
12:18	3.5		7.15	1,613.90	12.21	2.11	91.30	11.04	
12:21	4.0		7.14	1,617.60	12.44	1.94	90.50	11.01	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/10/2025 12:21
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.14 pH 1,617.60 Spec. Cond. 12.44 Temp
Field Filtered: No Filter Type:
Water Level: 7.01 feet below TOC Drawdown: 0.55 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/10/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G303 Duplicate
Sample ID: 103
Date (s): 2/10/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 31 °F Wind Direction: ☐ N ☐ S ☐ E ☒ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/10/2025 10:59 Static Water Level: 5.09 feet below TOC
Total Depth: 23.30 feet below TOC
Water Column: 18.21 feet

Purging Activities

Purged By: JC Purge Date: 2/10/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.21 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: 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
11:00	0.0	217	purge start time						
11:05	1.1	↓	6.83	1,818.70	10.72	3.35	1.80	11.97	
11:08	1.7		6.82	1,815.70	10.42	3.15	25.00	17.58	
11:11	2.4		6.81	1,814.50	10.58	2.94	37.10	20.89	
11:14	3.0		6.81	1,809.40	10.76	2.83	45.60	24.89	
11:17	3.7		6.81	1,808.90	10.98	2.63	51.20	29.16	
11:20	4.3		6.81	1,806.10	11.04	2.53	55.30	36.25	
11:23	5.0		6.81	1,801.30	11.20	2.48	58.30	61.85	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/10/2025 11:23
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.81 pH 1,801.30 Spec. Cond. 11.20 Temp
Field Filtered: No Filter Type:
Water Level: 6.51 feet below TOC Drawdown: 1.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/10/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G314D Duplicate
Sample ID: 104
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 38 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 14:02 Static Water Level: 6.04 feet below TOC
Total Depth: 52.30 feet below TOC
Water Column: 46.26 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $46.26 \text{ ft.} \times 0.022 = 1.02 \text{ L} \times 3 \text{ Vol.} = 3.06 \text{ L}$ *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
14:03	0.0	214	purge start time						
14:07	0.9	↓	6.92	2,372.90	11.98	1.13	-94.60	143.68	
14:10	1.5		6.90	2,371.50	12.17	0.74	-98.60	200.80	
14:13	2.1		6.90	2,364.30	12.13	0.59	-102.80	187.58	
14:16	2.8		6.91	2,373.90	12.43	0.52	-106.20	239.26	
14:19	3.4		6.91	2,376.20	12.40	0.48	-109.30	372.27	
14:22	4.1		6.91	2,374.60	12.36	0.45	-114.50	215.12	
14:25	4.7		6.91	2,368.80	12.48	0.43	-120.20	335.68	
14:28	5.4		6.92	2,384.80	12.39	0.43	-124.10	96.79	
14:31	6.0		6.92	2,380.00	11.77	0.43	-126.90	96.24	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 14:31
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.92 pH 2,380.00 Spec. Cond. 11.77 Temp
Field Filtered: No Filter Type:
Water Level: 14.39 feet below TOC Drawdown: 8.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Date:

2/6/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: G410 Duplicate
Sample ID: 105
Date (s): 2/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 38 °F Wind Direction: ☐ N ☐ S ☒ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/6/2025 13:13 Static Water Level: 7.46 feet below TOC
Total Depth: 16.70 feet below TOC
Water Column: 9.24 feet

Purging Activities

Purged By: JC Purge Date: 2/6/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 9.24 ft. x 0.022 = 0.2 L x 3 Vol. = 0.6 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
13:16	0.0	190	purge start time						
13:22	1.1	↓	6.73	773.50	10.92	3.45	21.10	6.16	
13:25	1.7		6.70	779.80	10.99	3.11	14.40	3.61	
13:28	2.3		6.68	794.20	11.02	2.69	10.30	2.53	
13:31	2.9		6.67	805.30	11.03	2.37	8.10	2.62	
13:34	3.4		6.68	806.70	11.08	2.83	7.40	2.06	
13:37	4.0		6.68	807.50	11.01	2.82	7.30	2.06	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/6/2025 13:37
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.68 pH 807.50 Spec. Cond. 11.01 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.50 feet below TOC Drawdown: 2.04 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: R104 Duplicate
Sample ID: 106
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 13:47 Static Water Level: 8.32 feet below TOC
Total Depth: 22.70 feet below TOC
Water Column: 14.38 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $14.38 \text{ ft.} \times 0.022 = 0.32 \text{ L} \times 3 \text{ Vol.} = 0.96 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:48	0.0	214	purge start time						
13:53	1.1	↓	7.50	771.10	12.23	6.43	136.40	2.53	
13:56	1.7		7.49	770.10	12.01	6.29	137.90	2.74	
13:59	2.4		7.49	769.90	11.80	6.25	139.20	2.41	
14:02	3.0		7.49	768.90	11.85	6.21	140.20	2.37	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 14:02
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.49 pH 768.90 Spec. Cond. 11.85 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.19 feet below TOC Drawdown: 1.87 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/4/2025



Field Data Sheet

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: T128 Duplicate
Sample ID: 107
Date (s): 2/4/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 38 °F Wind Direction: ☐ N ☒ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks
Protective Casing X
Well X

Groundwater Level Measurements

Date/Time Measured: 2/4/2025 10:29 Static Water Level: 14.41 feet below TOC
Total Depth: 28.70 feet below TOC
Water Column: 14.29 feet

Purging Activities

Purged By: JC Purge Date: 2/4/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.29 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
10:29	0.0	200	purge start time						
10:33	0.8	↓	7.14	739.00	12.98	3.67	147.40	2.64	
10:36	1.4		7.12	738.00	12.90	2.94	147.70	2.65	
10:39	2.0		7.09	737.80	13.05	2.62	145.60	2.02	
10:42	2.6		7.06	738.20	13.03	2.20	139.90	1.82	
10:45	3.2		7.04	737.70	13.18	1.86	127.70	1.49	
10:48	3.8		7.02	737.60	13.14	1.66	115.30	1.15	
10:51	4.4		7.01	736.60	13.10	1.52	103.70	0.49	
10:54	5.0		7.02	737.40	13.26	1.61	92.90	0.21	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/4/2025 10:54
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.02 pH 737.40 Spec. Cond. 13.26 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 14.55 feet below TOC Drawdown: 0.14 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/4/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: Equipment Blank 1
Sample ID: 108
Date (s):

Field Team Members

Name: Affiliation:
Name: Affiliation:

Weather Conditions

Temp: °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks
Protective Casing
Well

Yes	No

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: Equipment Blank 2
Sample ID: 109
Date (s):

Field Team Members

Name: Affiliation:
Name: Affiliation:

Weather Conditions

Temp: °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured: Static Water Level: feet below TOC
Total Depth: feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample

Form Completed By: Date:



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

Project Name: COF- 25Q1
Project Location: Coffeen, Illinois
W.O. Number (s): 25011232

Monitoring Point: Equipment Blank 3
Sample ID: 110
Date (s):

Field Team Members

Name: Affiliation:
Name: Affiliation:

Weather Conditions

Temp: °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		
Well		

Groundwater Level Measurements

Date/Time Measured: Static Water Level: feet below TOC
Total Depth: feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample

Form Completed By: Date:



Site Sampling Event: COF-25Q1
LIMS Workorder: 25011232
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 1Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEEEN POWER PLANT, GMF RECYCLE POND
COF-845-104

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 50115 Technician(s): Justin Colp Date: 2/4/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	2/4/25 8:44
7.0 Buffer	wc240913b	7.00	2/4/25 8:41
10.0 Buffer	wc240625b	10.00	2/4/25 8:47
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1411	2/4/25 8:51

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.06	2/4/25 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-1-JC	LCS	2/4/25 8:56	13.4	7.01	1,410	0.06		
CCV-M-1-JC	CCV	2/4/25 11:59	14.4	7.03	1,416	0.09		
CCV-1-JC	CCV	2/4/25 15:30	16.1	7.03	1,422	0.1		

Comments:

Field Meter ID: Pine 50115 Technician(s): Justin Colp Date: 2/5/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	2/5/25 7:36
7.0 Buffer	wc240913b	7.00	2/5/25 7:32
10.0 Buffer	wc240625b	10.00	2/5/25 7:41
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/5/25 7:47

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.09	2/5/25 7:48
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-JC	LCS	2/5/25 7:51	9.6	7.01	1,414	0.08		
CCV-M-2	CCV							
CCV-2-JC	CCV	2/5/25 12:11	13.7	7.04	1,426	0.12		

Comments:

Site Sampling Event: COF-25Q1
LIMS Workorder: 25011232
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffee- 1Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
COF-845-104

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 50115 Technician(s): Justin Colp Date: 2/6/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	2/6/25 8:24
7.0 Buffer	wc240913b	7.00	2/6/25 8:20
10.0 Buffer	wc240625b	10.00	2/6/25 8:28
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/6/25 8:38

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.12	2/6/25 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-3-JC	LCS	2/6/25 8:45	10	7.02	1,413	0.12		
CCV-M-3	CCV							
CCV-3-JC	CCV	2/6/25 14:45	17.6	7.02	1,379	0.19		

Comments:

Field Meter ID: Pine 50115 Technician(s): Justin Colp Date: 2/6/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	2/7/25 8:27
7.0 Buffer	wc240913b	7.00	2/7/25 8:24
10.0 Buffer	wc240625b	10.00	2/7/25 8:31
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/7/25 8:36

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.13	2/7/25 8:36
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4-JC	LCS	2/7/25 8:39	9.2	7.02	1,413	0.11		
CCV-M-4	CCV							
CCV-4-JC	CCV	2/7/25 10:22	12.2	7.04	1,403	0.14		

Comments:

Site Sampling Event: COF-25Q1
LIMS Workorder: 25011232
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffee- 1Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
COF-845-104

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 50115 Technician(s): Justin Colp Date: 2/10/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	2/10/25 8:43
7.0 Buffer	wc240913b	7.00	2/10/25 8:34
10.0 Buffer	wc240625b	10.00	2/10/25 8:47
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/10/25 8:53

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.5	2/10/25 8:54
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-5-JC	LCS	2/10/25 8:57	17.7	7.01	1,410	0.51		
CCV-M-5	CCV							
CCV-5-JC	CCV	2/10/25 14:30	18	7.04	1,372	0.55		

Comments:

Field Meter ID: Pine 50115 Technician(s): Justin Colp Date: 2/11/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	2/11/25 8:22
7.0 Buffer	wc240913b	7.00	2/11/25 8:19
10.0 Buffer	wc240625b	10.00	2/11/25 8:27
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/11/25 8:34

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.56	2/11/25 8:34
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-6-JC	LCS	2/11/25 8:39	9.1	7.02	1,411	0.54		
CCV-M-6	CCV							
CCV-6-JC	CCV	2/11/25 11:39	10.2	7.04	1,389	0.71		

Comments:

Site Sampling Event: COF-25Q1
LIMS Workorder: 25011232
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffee- 1Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
COF-845-104

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 210756 Technician(s): Tracy Carroll Date: 2/10/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.00	2/10/25 10:17
7.0 Buffer	WC240913B	7.03	2/10/25 10:13
10.0 Buffer	WC240612A	10.00	2/10/25 10:19
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/10/25 10:23

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-TC	LCS	2/10/25 10:27	18.8	7.07	1,412	0.68		
CCV-1-TC	CCV	2/10/25 15:03	18.9	7.08	1,444	0.77		

Comments:

Field Meter ID: Pine 210756 Technician(s): Tracy Carroll Date: 2/11/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.00	2/11/25 9:33
7.0 Buffer	WC240913B	7.00	2/11/25 9:28
10.0 Buffer	WC240612A	10.00	2/11/25 9:35
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/11/25 9:37

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-TC	LCS	2/11/25 9:40	7.7	7.05	1,413	1.76		
CCV-2-TC	CCV	2/11/25 11:09	9.7	7.03	1,491	1.02		

Comments:

Site Sampling Event: COF-25Q1
 LIMS Workorder: 25011232
 Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
 Coffeen- 1Q 2025

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 1, 2025
 COFFEEN POWER PLANT, GMF RECYCLE POND
 COF-845-104

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 210756 Technician(s): Tracy Carroll Date: 2/28/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230619C	4.00	2/28/25 9:30
7.0 Buffer	WC240913B	7.00	2/28/25 9:29
10.0 Buffer	WC240612A	10.00	2/28/25 9:37
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 μ S Std.	102040	1412	2/28/25 9:37

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity μ S	Turbidity NTU	ORP mV	D.O. %
LCS-3-TC	LCS	2/28/25 9:47	9.7	6.97	1,410	0.96		
CCV-3-TC	CCV	2/28/25 10:35	13	6.97	1,430	0.9		

Comments: _____

Site Sampling Event: COF-25Q1
LIMS Workorder: 25011232
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffee- 1Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
COF-845-104

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 2/5/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.01	2/5/25 8:33
7.0 Buffer	WC240913B	6.98	2/5/25 8:30
10.0 Buffer	WC240625B	10.00	2/5/25 8:35
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1419	2/5/25 8:37

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-BG	LCS	2/5/25 8:39	17.5	6.98	1,419	0.98		
CCV-1-BG	CCV	2/5/25 14:37	18.3	7.00	1,419	1.16		

Comments:

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 2/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.01	2/7/25 8:17
7.0 Buffer	WC240913B	6.99	2/7/25 8:10
10.0 Buffer	WC240625B	10.00	2/7/25 8:22
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.		1418	2/7/25 8:30

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-BG	LCS	2/7/25 8:34	15.6	6.99	1,418	0.74		
CCV-2-BG	CCV	2/7/25 10:39	17.2	7.00	1,418	0.91		

Comments:

Site Sampling Event: COF-25Q1
LIMS Workorder: 25011232
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffee- 1Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
COFFEE POWER PLANT, GMF RECYCLE POND
COF-845-104

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 2/10/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.03	2/10/25 8:36
7.0 Buffer	WC240913B	7.02	2/10/25 8:28
10.0 Buffer	WC240625B	10.03	2/10/25 8:40
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1419	2/10/25 8:44

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-BG	LCS	2/10/25 8:55	6.1	7.02	1,419	1.26		
CCV-3-BG	CCV	2/10/25 14:33	8.4	7.02	1,419	0.98		

Comments:

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 2/11/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	3.99	2/11/25 8:24
7.0 Buffer	WC240913B	7.03	2/11/25 8:20
10.0 Buffer	WC240625B	10.00	2/11/25 8:30
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1417	2/11/25 8:37

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4-BG	LCS	2/11/25 8:39	7.3	7.02	1,417	1.44		
CCV-4-BG	CCV	2/11/25 11:22	8.8	7.04	1,422	1.18		

Comments:



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 45720
Description YSI Pro DSS
Calibrated 1/30/2025 4:32:35PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 19E101794
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.08	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.16	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.08	10.05	0.50%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.30	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	106.61	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

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.435	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	237.60	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 45720
Description YSI Pro DSS
Calibrated 1/30/2025 4:32:35PM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	%	81.90	99.60	-0.40%	Pass

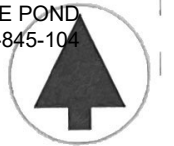
Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL AUTOCAL LOT#24014218	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24014218		9/25/2025
STL ORP SOLUTION 240MV L#4GG0438	STL ORP SOLUTION 240MV L#4GG0438	AquaPhoenix Scientific	ORP Solution	4GG0438		4/25/2025
STL PH10 #4GB0253	STL PH10 #4GB0253	Absolute Accuracy	PH 10	4GB0253		2/25/2026
STL PH4 L#4GG0029	STL pH4 L#4GG0029	AquaPhoenix Scientific	pH 4	4GG0029		7/25/2026
STL PH7 L#4GG1129	STL PH7 L#4GG1129	AquaPhoenix Scientific	PH7	4GG1129		7/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 50115
Description YSI Pro DSS
Calibrated 1/30/2025 4:35:32PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 21C102193
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

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.25	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.34	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.18	10.05	0.50%	Pass

Group # 2
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.269	1.413	0.00%	Pass

Group # 3
Group Name Turbidity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.38	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	91.87	124.00	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

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	229.20	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

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>



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 50115
Description YSI Pro DSS
Calibrated 1/30/2025 4:35:32PM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
100.00 / 100.00	%	100.00	%	99.00	99.10	-0.90%	Pass

<u>Test Instruments Used During the Calibration</u>					<u>(As Of Cal Entry Date)</u>	
<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date / Opened Date</u>	<u>Next Cal Date / Expiration Date</u>
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL AUTOCAL LOT#24014218	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24014218		9/25/2025
STL ORP SOLUTION 240MV L#4GG0438	STL ORP SOLUTION 240MV L#4GG0438	AquaPhoenix Scientific	ORP Solution	4GG0438		4/25/2025
STL PH10 #4GB0253	STL PH10 #4GB0253	Absolute Accuracy	PH 10	4GB0253		2/25/2026
STL PH4 L#4GG0029	STL pH4 L#4GG0029	AquaPhoenix Scientific	pH 4	4GG0029		7/25/2026
STL PH7 L#4GG1129	STL PH7 L#4GG1129	AquaPhoenix Scientific	PH7	4GG1129		7/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

8940 Activity Rd. - Suite G
San Diego, CA 92126
Toll Free: 858-368-9197

Pine Environmental Services, Inc.

Instrument ID 210756
Description YSI Pro DSS
Calibrated 1/28/2025 6:07:47PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot 22C103121
Number
Location San Diego
Department

State Certified
Status Pass
Temp °C 20
Humidity % 56

Calibration Specifications

Group # 1 Group Name PH Stated Accy Pct of Reading				Range Acc % 0.0000 Reading Acc % 3.0000 Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.02	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.10	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.05	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			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	-0.56	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	122.00	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			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.411	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			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	241.00	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			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

8940 Activity Rd. - Suite G
San Diego, CA 92126
Toll Free: 858-368-9197

Pine Environmental Services, Inc.

Instrument ID 210756
Description YSI Pro DSS
Calibrated 1/28/2025 6:07:47PM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
Nom In Val / In Val	In Type	Out Val	Out Type	End As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	98.50	100.00	0.00%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
SD 126 NTU (24E24011653)	SD 126 NTU (24E24011653)	Pine Environmental Services, Inc.		24E24011653		5/30/2025
SD 1413 US/CM	SD 1413 uS/cm (9GL801)	Pine Environmental Services, Inc.	31986	9GL801		12/31/2025
SD 240 ORP (4GJ1196)	SD240 ORP (4GJ1196)	Pine Environmental Services, Inc.		4GJ1196		7/30/2025
SD O NTU TURB (24012185)	SD O NTU TURB (24012185)	Pine Environmental Services, Inc.		24012185		6/30/2025
SD PH 10 (4GE0716)	SD PH 10 (4GE0716)	Pine Environmental Services, Inc.		4GE0716		5/30/2026
SD PH 4 (4GE1065)	SD PH 4 (4GE1065)	Pine Environmental Services, Inc.		4GE1065		5/30/2026
SD PH 7 (4GE0713)	SD PH 7 (4GE0713)	Pine Environmental Services, Inc.		4GE0713		5/30/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Edwin Deleon

**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 1, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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	E008	Antimony, total	mg/L	11/23/15 - 02/11/25	29	90	CB around T-S line	0.00218	0.003
G271	UA	E008	Arsenic, total	mg/L	11/23/15 - 02/11/25	31	79	CI around median	0.001	0.00660
G271	UA	E008	Barium, total	mg/L	11/23/15 - 02/11/25	32	0	CB around T-S line	0.0139	0.110
G271	UA	E008	Beryllium, total	mg/L	11/23/15 - 02/11/25	29	98	CI around median	0.001	0.001
G271	UA	E008	Boron, total	mg/L	11/23/15 - 02/11/25	33	0	CI around geomean	0.655	1.00
G271	UA	E008	Cadmium, total	mg/L	11/23/15 - 02/11/25	29	98	CI around median	0.001	0.001
G271	UA	E008	Chloride, total	mg/L	11/23/15 - 02/11/25	33	0	CB around linear reg	45.1	67.0
G271	UA	E008	Chromium, total	mg/L	11/23/15 - 02/11/25	31	74	CB around T-S line	0.00302	0.0190
G271	UA	E008	Cobalt, total	mg/L	11/23/15 - 02/11/25	31	88	CB around T-S line	0.00162	0.00590
G271	UA	E008	Fluoride, total	mg/L	11/23/15 - 02/11/25	33	9	CI around mean	0.343	0.564
G271	UA	E008	Lead, total	mg/L	11/23/15 - 02/11/25	32	64	CI around median	0.001	0.0120
G271	UA	E008	Lithium, total	mg/L	11/23/15 - 02/11/25	27	89	CI around median	0.01	0.0190
G271	UA	E008	Mercury, total	mg/L	11/23/15 - 02/11/25	29	100	All ND - Last	0.0002	0.0002
G271	UA	E008	Molybdenum, total	mg/L	11/23/15 - 02/11/25	32	74	CI around median	0.001	0.00450
G271	UA	E008	pH (field)	SU	11/23/15 - 02/11/25	35	0	CI around mean	7.1/7.2	6.6/7.6
G271	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/23/15 - 02/11/25	27	0	CI around geomean	0.318	1.60
G271	UA	E008	Selenium, total	mg/L	11/23/15 - 02/11/25	31	7	CB around T-S line	0.000845	0.00480
G271	UA	E008	Sulfate, total	mg/L	11/23/15 - 02/11/25	33	0	CB around T-S line	141	94.0
G271	UA	E008	Thallium, total	mg/L	11/23/15 - 02/11/25	30	98	CB around T-S line	0.001	0.001
G271	UA	E008	Total Dissolved Solids	mg/L	11/23/15 - 02/11/25	33	0	CB around linear reg	589	551
G273	UA	E008	Antimony, total	mg/L	11/24/15 - 02/05/25	29	95	CB around T-S line	0.00207	0.003
G273	UA	E008	Arsenic, total	mg/L	11/24/15 - 02/05/25	32	86	CI around median	0.001	0.00660
G273	UA	E008	Barium, total	mg/L	11/24/15 - 02/05/25	32	0	CI around median	0.029	0.110
G273	UA	E008	Beryllium, total	mg/L	11/24/15 - 02/05/25	29	100	All ND - Last	0.001	0.001
G273	UA	E008	Boron, total	mg/L	11/24/15 - 02/05/25	33	5	CB around T-S line	-0.0447	1.00
G273	UA	E008	Cadmium, total	mg/L	11/24/15 - 02/05/25	29	98	CI around median	0.001	0.001
G273	UA	E008	Chloride, total	mg/L	11/24/15 - 02/05/25	33	0	CB around T-S line	66.5	67.0

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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
G273	UA	E008	Chromium, total	mg/L	11/24/15 - 02/05/25	31	95	CB around T-S line	0.00335	0.0190
G273	UA	E008	Cobalt, total	mg/L	11/24/15 - 02/05/25	31	98	CB around T-S line	0.00163	0.00590
G273	UA	E008	Fluoride, total	mg/L	11/24/15 - 02/05/25	33	22	CI around mean	0.304	0.564
G273	UA	E008	Lead, total	mg/L	11/24/15 - 02/05/25	32	90	CI around median	0.001	0.0120
G273	UA	E008	Lithium, total	mg/L	11/24/15 - 02/05/25	27	67	CI around median	0.01	0.0190
G273	UA	E008	Mercury, total	mg/L	11/24/15 - 02/05/25	29	100	All ND - Last	0.0002	0.0002
G273	UA	E008	Molybdenum, total	mg/L	11/24/15 - 02/05/25	32	91	CB around T-S line	0.001	0.00450
G273	UA	E008	pH (field)	SU	11/24/15 - 02/05/25	35	0	CI around mean	7.0/7.1	6.6/7.6
G273	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 02/05/25	27	0	CI around median	0.232	1.60
G273	UA	E008	Selenium, total	mg/L	11/24/15 - 02/05/25	32	96	CI around median	0.001	0.00480
G273	UA	E008	Sulfate, total	mg/L	11/24/15 - 02/05/25	33	0	CI around median	410	94.0
G273	UA	E008	Thallium, total	mg/L	11/24/15 - 02/05/25	30	95	CB around T-S line	0.001	0.001
G273	UA	E008	Total Dissolved Solids	mg/L	11/24/15 - 02/05/25	33	0	CB around linear reg	1,050	551
G275	UA	E008	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.003
G275	UA	E008	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.00660
G275	UA	E008	Barium, total	mg/L	--	--	--	--	NS ⁷	0.110
G275	UA	E008	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.001
G275	UA	E008	Boron, total	mg/L	--	--	--	--	NS ⁷	1.00
G275	UA	E008	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.001
G275	UA	E008	Chloride, total	mg/L	--	--	--	--	NS ⁷	67.0
G275	UA	E008	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.0190
G275	UA	E008	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.00590
G275	UA	E008	Fluoride, total	mg/L	--	--	--	--	NS ⁷	0.564
G275	UA	E008	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0120
G275	UA	E008	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.0190
G275	UA	E008	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.0002
G275	UA	E008	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.00450

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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
G275	UA	E008	pH (field)	SU	--	--	--	--	NS ⁷	6.6/7.6
G275	UA	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	1.60
G275	UA	E008	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.00480
G275	UA	E008	Sulfate, total	mg/L	--	--	--	--	NS ⁷	94.0
G275	UA	E008	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.001
G275	UA	E008	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	551
G275D	DA	E008	Antimony, total	mg/L	03/30/21 - 02/05/25	13	92	CB around T-S line	0.0000602	0.003
G275D	DA	E008	Arsenic, total	mg/L	03/30/21 - 02/05/25	13	0	CB around linear reg	0.0164	0.00660
G275D	DA	E008	Barium, total	mg/L	03/30/21 - 02/05/25	13	0	CI around mean	0.369	0.110
G275D	DA	E008	Beryllium, total	mg/L	03/30/21 - 02/05/25	13	100	All ND - Last	0.001	0.001
G275D	DA	E008	Boron, total	mg/L	03/30/21 - 02/05/25	13	0	CB around T-S line	-0.0576	1.00
G275D	DA	E008	Cadmium, total	mg/L	03/30/21 - 02/05/25	13	100	All ND - Last	0.001	0.001
G275D	DA	E008	Chloride, total	mg/L	03/30/21 - 02/05/25	13	0	CB around linear reg	6.45	67.0
G275D	DA	E008	Chromium, total	mg/L	03/30/21 - 02/05/25	13	85	CB around T-S line	-0.00319	0.0190
G275D	DA	E008	Cobalt, total	mg/L	03/30/21 - 02/05/25	13	69	CB around T-S line	-0.00168	0.00590
G275D	DA	E008	Fluoride, total	mg/L	03/30/21 - 02/05/25	13	23	CI around mean	0.4	0.564
G275D	DA	E008	Lead, total	mg/L	03/30/21 - 02/05/25	13	92	CI around median	0.001	0.0120
G275D	DA	E008	Lithium, total	mg/L	03/30/21 - 02/05/25	13	62	CB around T-S line	-0.00469	0.0190
G275D	DA	E008	Mercury, total	mg/L	03/30/21 - 02/05/25	13	92	CI around median	0.0002	0.0002
G275D	DA	E008	Molybdenum, total	mg/L	03/30/21 - 02/05/25	13	31	CB around linear reg	-0.0106	0.00450
G275D	DA	E008	pH (field)	SU	03/30/21 - 02/05/25	13	0	CI around mean	7.0/7.3	6.6/7.6
G275D	DA	E008	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 02/05/25	14	0	CI around mean	0.71	1.60
G275D	DA	E008	Selenium, total	mg/L	03/30/21 - 02/05/25	13	100	All ND - Last	0.001	0.00480
G275D	DA	E008	Sulfate, total	mg/L	03/30/21 - 02/05/25	13	0	CB around linear reg	43.7	94.0
G275D	DA	E008	Thallium, total	mg/L	03/30/21 - 02/05/25	13	100	All ND - Last	0.002	0.001
G275D	DA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/05/25	13	0	CI around median	855	551
G276	UA	E008	Antimony, total	mg/L	11/24/15 - 02/05/25	29	95	CB around T-S line	0.00208	0.003

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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
G276	UA	E008	Arsenic, total	mg/L	11/24/15 - 02/05/25	32	86	CI around median	0.001	0.00660
G276	UA	E008	Barium, total	mg/L	11/24/15 - 02/05/25	32	0	CB around T-S line	0.0315	0.110
G276	UA	E008	Beryllium, total	mg/L	11/24/15 - 02/05/25	29	95	Most recent sample	0.001	0.001
G276	UA	E008	Boron, total	mg/L	11/24/15 - 02/05/25	33	11	CI around geomean	0.0184	1.00
G276	UA	E008	Cadmium, total	mg/L	11/24/15 - 02/05/25	29	100	All ND - Last	0.001	0.001
G276	UA	E008	Chloride, total	mg/L	11/24/15 - 02/05/25	33	0	CB around T-S line	22.5	67.0
G276	UA	E008	Chromium, total	mg/L	11/24/15 - 02/05/25	31	80	CB around T-S line	0.00358	0.0190
G276	UA	E008	Cobalt, total	mg/L	11/24/15 - 02/05/25	31	98	CB around T-S line	0.00167	0.00590
G276	UA	E008	Fluoride, total	mg/L	11/24/15 - 02/05/25	33	12	CB around T-S line	0.267	0.564
G276	UA	E008	Lead, total	mg/L	11/24/15 - 02/05/25	32	80	CI around median	0.001	0.0120
G276	UA	E008	Lithium, total	mg/L	11/24/15 - 02/05/25	27	37	CI around median	0.0117	0.0190
G276	UA	E008	Mercury, total	mg/L	11/24/15 - 02/05/25	29	100	All ND - Last	0.0002	0.0002
G276	UA	E008	Molybdenum, total	mg/L	11/24/15 - 02/05/25	32	79	CI around median	0.001	0.00450
G276	UA	E008	pH (field)	SU	11/24/15 - 02/05/25	34	0	CB around linear reg	6.7/7.0	6.6/7.6
G276	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 02/05/25	27	0	CI around geomean	0.326	1.60
G276	UA	E008	Selenium, total	mg/L	11/24/15 - 02/05/25	32	43	CB around T-S line	0.00054	0.00480
G276	UA	E008	Sulfate, total	mg/L	11/24/15 - 02/05/25	33	0	CB around T-S line	262	94.0
G276	UA	E008	Thallium, total	mg/L	11/24/15 - 02/05/25	30	100	All ND - Last	0.002	0.001
G276	UA	E008	Total Dissolved Solids	mg/L	11/24/15 - 02/05/25	33	0	CB around T-S line	890	551
G277	UA	E008	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.003
G277	UA	E008	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.00660
G277	UA	E008	Barium, total	mg/L	--	--	--	--	NS ⁷	0.110
G277	UA	E008	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.001
G277	UA	E008	Boron, total	mg/L	--	--	--	--	NS ⁷	1.00
G277	UA	E008	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.001
G277	UA	E008	Chloride, total	mg/L	--	--	--	--	NS ⁷	67.0
G277	UA	E008	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.0190

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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
G277	UA	E008	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.00590
G277	UA	E008	Fluoride, total	mg/L	--	--	--	--	NS ⁷	0.564
G277	UA	E008	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0120
G277	UA	E008	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.0190
G277	UA	E008	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.0002
G277	UA	E008	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.00450
G277	UA	E008	pH (field)	SU	--	--	--	--	NS ⁷	6.6/7.6
G277	UA	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	1.60
G277	UA	E008	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.00480
G277	UA	E008	Sulfate, total	mg/L	--	--	--	--	NS ⁷	94.0
G277	UA	E008	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.001
G277	UA	E008	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	551
G279	UA	E008	Antimony, total	mg/L	11/24/15 - 02/06/25	29	100	All ND - Last	0.001	0.003
G279	UA	E008	Arsenic, total	mg/L	11/24/15 - 02/06/25	32	81	CI around median	0.001	0.00660
G279	UA	E008	Barium, total	mg/L	11/24/15 - 02/06/25	32	0	CB around T-S line	0.029	0.110
G279	UA	E008	Beryllium, total	mg/L	11/24/15 - 02/06/25	29	100	All ND - Last	0.001	0.001
G279	UA	E008	Boron, total	mg/L	11/24/15 - 02/06/25	33	19	CB around linear reg	1.88	1.00
G279	UA	E008	Cadmium, total	mg/L	11/24/15 - 02/06/25	29	100	All ND - Last	0.001	0.001
G279	UA	E008	Chloride, total	mg/L	11/24/15 - 02/06/25	33	0	CB around linear reg	239	67.0
G279	UA	E008	Chromium, total	mg/L	11/24/15 - 02/06/25	31	88	CB around T-S line	0.00313	0.0190
G279	UA	E008	Cobalt, total	mg/L	11/24/15 - 02/06/25	31	88	CB around T-S line	0.00159	0.00590
G279	UA	E008	Fluoride, total	mg/L	11/24/15 - 02/06/25	33	13	CI around mean	0.333	0.564
G279	UA	E008	Lead, total	mg/L	11/24/15 - 02/06/25	32	84	CI around median	0.001	0.0120
G279	UA	E008	Lithium, total	mg/L	11/24/15 - 02/06/25	32	62	CB around T-S line	0.012	0.0190
G279	UA	E008	Mercury, total	mg/L	11/24/15 - 02/06/25	29	98	Most recent sample	0.0002	0.0002
G279	UA	E008	Molybdenum, total	mg/L	11/24/15 - 02/06/25	32	85	CI around median	0.001	0.00450
G279	UA	E008	pH (field)	SU	11/24/15 - 02/06/25	33	0	CB around linear reg	6.5/6.8	6.6/7.6

ATTACHMENT C.
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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
G279	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/24/15 - 02/06/25	32	0	CI around mean	0.579	1.60
G279	UA	E008	Selenium, total	mg/L	11/24/15 - 02/06/25	32	23	CB around linear reg	-0.00387	0.00480
G279	UA	E008	Sulfate, total	mg/L	11/24/15 - 02/06/25	33	0	CB around linear reg	1,320	94.0
G279	UA	E008	Thallium, total	mg/L	11/24/15 - 02/06/25	30	100	All ND - Last	0.002	0.001
G279	UA	E008	Total Dissolved Solids	mg/L	11/24/15 - 02/06/25	33	0	CB around linear reg	2,590	551
G283	LCU	E008	Antimony, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.003
G283	LCU	E008	Arsenic, total	mg/L	03/31/21 - 02/10/25	16	69	CI around median	0.001	0.00660
G283	LCU	E008	Barium, total	mg/L	03/31/21 - 02/10/25	16	0	CI around mean	0.156	0.110
G283	LCU	E008	Beryllium, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.001
G283	LCU	E008	Boron, total	mg/L	03/31/21 - 02/10/25	16	0	CB around T-S line	0.0371	1.00
G283	LCU	E008	Cadmium, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.001
G283	LCU	E008	Chloride, total	mg/L	03/31/21 - 02/10/25	16	0	CI around mean	38	67.0
G283	LCU	E008	Chromium, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.0015	0.0190
G283	LCU	E008	Cobalt, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.00590
G283	LCU	E008	Fluoride, total	mg/L	03/31/21 - 02/10/25	16	31	CI around mean	0.314	0.564
G283	LCU	E008	Lead, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.0120
G283	LCU	E008	Lithium, total	mg/L	03/31/21 - 02/10/25	16	56	CB around T-S line	0.00622	0.0190
G283	LCU	E008	Mercury, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.0002	0.0002
G283	LCU	E008	Molybdenum, total	mg/L	03/31/21 - 02/10/25	16	6	CI around mean	0.00153	0.00450
G283	LCU	E008	pH (field)	SU	03/31/21 - 02/10/25	16	0	CI around mean	6.9/7.1	6.6/7.6
G283	LCU	E008	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 02/10/25	16	0	CI around geomean	0.673	1.60
G283	LCU	E008	Selenium, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.001	0.00480
G283	LCU	E008	Sulfate, total	mg/L	03/31/21 - 02/10/25	16	0	CB around linear reg	255	94.0
G283	LCU	E008	Thallium, total	mg/L	03/31/21 - 02/10/25	16	100	All ND - Last	0.002	0.001
G283	LCU	E008	Total Dissolved Solids	mg/L	03/31/21 - 02/10/25	16	0	CI around mean	806	551
G284	UA	E008	Antimony, total	mg/L	03/30/21 - 02/10/25	15	93	CB around T-S line	0.000038	0.003
G284	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/10/25	15	93	Most recent sample	0.001	0.00660

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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
G284	UA	E008	Barium, total	mg/L	03/30/21 - 02/10/25	15	0	CI around mean	0.0608	0.110
G284	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.001	0.001
G284	UA	E008	Boron, total	mg/L	03/30/21 - 02/10/25	15	0	CI around geomean	0.0395	1.00
G284	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.001	0.001
G284	UA	E008	Chloride, total	mg/L	03/30/21 - 02/10/25	15	0	CB around linear reg	11.3	67.0
G284	UA	E008	Chromium, total	mg/L	03/30/21 - 02/10/25	15	93	CB around T-S line	0.000297	0.0190
G284	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.001	0.00590
G284	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/10/25	15	20	CI around mean	0.472	0.564
G284	UA	E008	Lead, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.001	0.0120
G284	UA	E008	Lithium, total	mg/L	03/30/21 - 02/10/25	15	60	CB around T-S line	0.00618	0.0190
G284	UA	E008	Mercury, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.0002	0.0002
G284	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/10/25	15	27	CI around median	0.001	0.00450
G284	UA	E008	pH (field)	SU	03/30/21 - 02/10/25	15	0	CI around mean	7.0/7.2	6.6/7.6
G284	UA	E008	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 02/10/25	15	0	CI around mean	0.215	1.60
G284	UA	E008	Selenium, total	mg/L	03/30/21 - 02/10/25	15	80	CI around median	0.001	0.00480
G284	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/10/25	15	0	CI around median	60	94.0
G284	UA	E008	Thallium, total	mg/L	03/30/21 - 02/10/25	15	100	All ND - Last	0.002	0.001
G284	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/10/25	15	0	CI around mean	445	551
G285	LCU	E008	Antimony, total	mg/L	03/30/21 - 02/11/25	16	100	All ND - Last	0.001	0.003
G285	LCU	E008	Arsenic, total	mg/L	03/30/21 - 02/11/25	16	62	CI around median	0.001	0.00660
G285	LCU	E008	Barium, total	mg/L	03/30/21 - 02/11/25	16	0	CB around linear reg	0.0185	0.110
G285	LCU	E008	Beryllium, total	mg/L	03/30/21 - 02/11/25	16	100	All ND - Last	0.001	0.001
G285	LCU	E008	Boron, total	mg/L	03/30/21 - 02/11/25	16	0	CI around mean	0.11	1.00
G285	LCU	E008	Cadmium, total	mg/L	03/30/21 - 02/11/25	16	100	All ND - Last	0.001	0.001
G285	LCU	E008	Chloride, total	mg/L	03/30/21 - 02/11/25	16	0	CB around linear reg	4.34	67.0
G285	LCU	E008	Chromium, total	mg/L	03/30/21 - 02/11/25	16	88	CB around T-S line	0.000478	0.0190
G285	LCU	E008	Cobalt, total	mg/L	03/30/21 - 02/11/25	16	19	CI around geomean	0.00164	0.00590

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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
G285	LCU	E008	Fluoride, total	mg/L	03/30/21 - 02/11/25	16	38	CB around linear reg	0.379	0.564
G285	LCU	E008	Lead, total	mg/L	03/30/21 - 02/11/25	16	100	All ND - Last	0.001	0.0120
G285	LCU	E008	Lithium, total	mg/L	03/30/21 - 02/11/25	16	56	CB around T-S line	0.000201	0.0190
G285	LCU	E008	Mercury, total	mg/L	03/30/21 - 02/11/25	16	94	CI around median	0.0002	0.0002
G285	LCU	E008	Molybdenum, total	mg/L	03/30/21 - 02/11/25	16	0	CB around linear reg	0.000797	0.00450
G285	LCU	E008	pH (field)	SU	03/30/21 - 02/11/25	16	0	CI around median	6.7/6.8	6.6/7.6
G285	LCU	E008	Radium 226 + Radium 228, total	pCi/L	03/30/21 - 02/11/25	16	0	CI around geomean	1.24	1.60
G285	LCU	E008	Selenium, total	mg/L	03/30/21 - 02/11/25	16	100	All ND - Last	0.001	0.00480
G285	LCU	E008	Sulfate, total	mg/L	03/30/21 - 02/11/25	16	0	CB around linear reg	636	94.0
G285	LCU	E008	Thallium, total	mg/L	03/30/21 - 02/11/25	16	94	CB around T-S line	0.001	0.001
G285	LCU	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/11/25	16	0	CI around mean	1,470	551

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GMF RECYCLE POND
COFFEEN, IL

Notes:

- = no data available

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of 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:

NA

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):

NR¹ = Parameter not analyzed.

NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.

NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.

NS³ = The location was not accessible; therefore, a sample was not collected.

NS⁴ = The location could not be found; therefore, a sample was not collected.

NS⁵ = The location was damaged; therefore, a sample was not collected.

NS⁶ = Sampling pump could not yield a sample.

NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.

NS⁸ = A sample was not collected.

PM¹ = 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