



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

June 8, 2024

Illinois Environmental Protection Agency  
DWPC – Permits MC#15  
Attn: Part 845 Coal Combustion Residual Rule Submittal  
1021 North Grand Avenue East  
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, 2024 sampling event at the Coffeen Power Plant Gypsum Management Facility Recycle Pond, 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 compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical exceedances of the GWPS.

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

A Corrective Measures Assessment (CMA) was initiated on January 14, 2024 in accordance with 35 I.A.C. § 845.660. GWPS exceedances for subsequent events will be incorporated into the CMA on a case-by-case basis, as opposed to generating a new CMA. As allowed in 35 I.A.C. § 845.650(e), an Alternative Source Demonstration (ASD) will be evaluated for the detected exceedances of the GWPS and, if successfully completed, the ASD will be submitted to IEPA within 60 days of this transmittal.

Sincerely,

A handwritten signature in blue ink that reads "Dianna Tickner".

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

Enclosures

*Groundwater Monitoring Data and Detected Exceedances, Quarter 1, 2024, GMF Recycle Pond, Coffeen Power Plant, Coffeen, Illinois*

**35 I.A.C. § 845.610(b)(3)(D)  
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES  
QUARTER 1, 2024  
GMF RECYCLE POND, COFFEEN POWER PLANT, COFFEEN, ILLINOIS**

June 8, 2024

Samples were collected between February 19 and 21, 2024, 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 9, 2024.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 1, 2024 sampling event. Groundwater elevation data was not collected for monitoring well G275 because the water level was below the top of the dedicated submersible pump. SG-04, located on the unnamed tributary, was destroyed following a rain event in October 2023; alternative construction methods for monitoring at this location are being evaluated. **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, 2024 sampling event.

Statistical procedures used to evaluate groundwater results are provided in Appendix A of the Groundwater Monitoring Plan<sup>1</sup> provided in the operating permit application. In accordance with 35 I.A.C. § 845.610(b)(3)(B), the Quarter 1, 2024 groundwater monitoring data were evaluated for statistical exceedances over background levels for the constituents listed in 35 I.A.C. § 845.600. **Attachment C** shows the statistically derived values compared to background levels.

In accordance with 35 I.A.C. § 845.610(b)(3)(C), the statistically derived values identified as Statistical Results in **Table 2** were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical exceedances of the GWPS, as shown in **Table 2**. The date of this submittal is considered to be the date that the exceedances were detected.

A Corrective Measures Assessment (CMA) was initiated on January 14, 2024 in accordance with 35 I.A.C. § 845.660. GWPS exceedances for subsequent events will be incorporated into the CMA on a case-by-case basis, as opposed to generating a new CMA.

As allowed in 35 I.A.C. § 845.650(e), an Alternative Source Demonstration (ASD) will be evaluated for any new detected exceedances of the GWPS and, if successfully completed, the ASD will be submitted to Illinois Environmental Protection Agency (IEPA) within 60 days of this transmittal.

**TABLES**

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| Table 1 | Field Parameters and Analytical Results - Quarter 1, 2024   |
| Table 2 | Comparison of Statistical Results to GWPS - Quarter 1, 2024 |

**FIGURES**

|          |                              |
|----------|------------------------------|
| Figure 1 | Monitoring Well Location Map |
|----------|------------------------------|

<sup>1</sup> Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Groundwater Monitoring Plan. GMF Recycle Pond. Coffeen Power Plant. Coffeen, Illinois. October 25, 2021.*



## **ATTACHMENTS**

Attachment A Groundwater Elevation Data - Quarter 1, 2024

Attachment B Laboratory Reports and Field Data Sheets - Quarter 1, 2024

Attachment C Comparison of Statistical Results to Background - Quarter 1, 2024

## **TABLES**



**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2024**

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

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| G270    | Background | E004  | 02/19/2024 | Antimony, total                    | 0.0007 U   | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Arsenic, total                     | 0.00150 J+ | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Barium, total                      | 0.0631     | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Boron, total                       | 0.02 UJ    | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Calcium, total                     | 58.9       | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Chloride, total                    | 12.0       | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Chromium, total                    | 0.00480 J+ | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Cobalt, total                      | 0.00140 J+ | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Dissolved Oxygen                   | 2.98       | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Fluoride, total                    | 0.340      | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Lead, total                        | 0.00200    | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Lithium, total                     | 0.00480    | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Mercury, total                     | 0.00006 U  | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Molybdenum, total                  | 0.0015 UJ  | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Oxidation Reduction Potential      | 147        | mV           |
| G270    | Background | E004  | 02/19/2024 | pH (field)                         | 7.2        | SU           |
| G270    | Background | E004  | 02/19/2024 | Radium 226 + Radium 228, total     | 0.245      | pCi/L        |
| G270    | Background | E004  | 02/19/2024 | Selenium, total                    | 0.0007 J   | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Specific Conductance @ 25C (field) | 733        | micromhos/cm |
| G270    | Background | E004  | 02/19/2024 | Sulfate, total                     | 53.0       | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Temperature                        | 10.6       | degrees C    |
| G270    | Background | E004  | 02/19/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Total Dissolved Solids             | 412        | mg/L         |
| G270    | Background | E004  | 02/19/2024 | Turbidity, field                   | 24.0       | NTU          |
| G280    | Background | E004  | 02/20/2024 | Antimony, total                    | 0.0004 U   | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Arsenic, total                     | 0.001 UJ   | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Barium, total                      | 0.0641     | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Boron, total                       | 0.02 UJ    | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Calcium, total                     | 80.4       | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Chloride, total                    | 72.0       | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Chromium, total                    | 0.00300 J+ | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Cobalt, total                      | 0.001 UJ   | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Dissolved Oxygen                   | 3.51       | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Fluoride, total                    | 0.290      | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Lead, total                        | 0.00110    | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Lithium, total                     | 0.00500    | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Mercury, total                     | 0.00006 U  | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Molybdenum, total                  | 0.0015 UJ  | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Oxidation Reduction Potential      | 136        | mV           |
| G280    | Background | E004  | 02/20/2024 | pH (field)                         | 7.4        | SU           |
| G280    | Background | E004  | 02/20/2024 | Radium 226 + Radium 228, total     | 1.88       | pCi/L        |
| G280    | Background | E004  | 02/20/2024 | Selenium, total                    | 0.0007 J   | mg/L         |

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2024**

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

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| G280    | Background | E004  | 02/20/2024 | Specific Conductance @ 25C (field) | 883        | micromhos/cm |
| G280    | Background | E004  | 02/20/2024 | Sulfate, total                     | 101        | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Temperature                        | 12.2       | degrees C    |
| G280    | Background | E004  | 02/20/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Total Dissolved Solids             | 530        | mg/L         |
| G280    | Background | E004  | 02/20/2024 | Turbidity, field                   | 27.0       | NTU          |
| G271    | Compliance | E004  | 02/19/2024 | Antimony, total                    | 0.00280 J+ | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Arsenic, total                     | 0.001 UJ   | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Barium, total                      | 0.0278     | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Boron, total                       | 0.642      | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Calcium, total                     | 71.1       | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Chloride, total                    | 46.0       | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Chromium, total                    | 0.0117 J+  | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Cobalt, total                      | 0.001 UJ   | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Dissolved Oxygen                   | 6.01       | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Fluoride, total                    | 0.460      | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Lead, total                        | 0.00160    | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Lithium, total                     | 0.00330    | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Mercury, total                     | 0.00006 U  | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Molybdenum, total                  | 0.0015 UJ  | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Oxidation Reduction Potential      | 149        | mV           |
| G271    | Compliance | E004  | 02/19/2024 | pH (field)                         | 7.3        | SU           |
| G271    | Compliance | E004  | 02/19/2024 | Radium 226 + Radium 228, total     | 0.994      | pCi/L        |
| G271    | Compliance | E004  | 02/19/2024 | Selenium, total                    | 0.0009 J   | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Specific Conductance @ 25C (field) | 1,030      | micromhos/cm |
| G271    | Compliance | E004  | 02/19/2024 | Sulfate, total                     | 199        | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Temperature                        | 13.2       | degrees C    |
| G271    | Compliance | E004  | 02/19/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Total Dissolved Solids             | 620        | mg/L         |
| G271    | Compliance | E004  | 02/19/2024 | Turbidity, field                   | 7.80       | NTU          |
| G273    | Compliance | E004  | 02/19/2024 | Antimony, total                    | 0.00110 J+ | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Arsenic, total                     | 0.00200 J+ | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Barium, total                      | 0.0592     | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Boron, total                       | 0.0925 J+  | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Calcium, total                     | 168        | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Chloride, total                    | 67.0       | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Chromium, total                    | 0.00380 J+ | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Cobalt, total                      | 0.001 UJ   | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Dissolved Oxygen                   | 1.76       | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Fluoride, total                    | 0.320      | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Lead, total                        | 0.00120    | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Lithium, total                     | 0.00850    | mg/L         |

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2024**

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

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| G273    | Compliance | E004  | 02/19/2024 | Mercury, total                     | 0.00006 U  | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Molybdenum, total                  | 0.0015 UJ  | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Oxidation Reduction Potential      | 151        | mV           |
| G273    | Compliance | E004  | 02/19/2024 | pH (field)                         | 7.0        | SU           |
| G273    | Compliance | E004  | 02/19/2024 | Radium 226 + Radium 228, total     | 0.646      | pCi/L        |
| G273    | Compliance | E004  | 02/19/2024 | Selenium, total                    | 0.0006 U   | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Specific Conductance @ 25C (field) | 1,680      | micromhos/cm |
| G273    | Compliance | E004  | 02/19/2024 | Sulfate, total                     | 487        | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Temperature                        | 13.6       | degrees C    |
| G273    | Compliance | E004  | 02/19/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Total Dissolved Solids             | 1,140      | mg/L         |
| G273    | Compliance | E004  | 02/19/2024 | Turbidity, field                   | 9.80       | NTU          |
| G275    | Compliance | E004  | 02/19/2024 | Antimony, total                    | 0.00210 J+ | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Arsenic, total                     | 0.001 UJ   | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Barium, total                      | 0.0454     | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Boron, total                       | 3.36       | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Calcium, total                     | 172        | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Chloride, total                    | 16.0       | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Chromium, total                    | 0.00210 J+ | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Cobalt, total                      | 0.001 UJ   | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Dissolved Oxygen                   | 4.06       | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Fluoride, total                    | 0.320      | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Lead, total                        | 0.0006 J   | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Lithium, total                     | 0.00930    | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Mercury, total                     | 0.00006 U  | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Molybdenum, total                  | 0.0006 U   | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Oxidation Reduction Potential      | 134        | mV           |
| G275    | Compliance | E004  | 02/19/2024 | pH (field)                         | 7.0        | SU           |
| G275    | Compliance | E004  | 02/19/2024 | Radium 226 + Radium 228, total     | 0.0508     | pCi/L        |
| G275    | Compliance | E004  | 02/19/2024 | Selenium, total                    | 0.0007 J   | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Specific Conductance @ 25C (field) | 1,410      | micromhos/cm |
| G275    | Compliance | E004  | 02/19/2024 | Sulfate, total                     | 450        | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Temperature                        | 12.9       | degrees C    |
| G275    | Compliance | E004  | 02/19/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Total Dissolved Solids             | 1,010 J    | mg/L         |
| G275    | Compliance | E004  | 02/19/2024 | Turbidity, field                   | 5.70       | NTU          |
| G275D   | Compliance | E004  | 02/19/2024 | Antimony, total                    | 0.00110 J+ | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Arsenic, total                     | 0.0174     | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Barium, total                      | 0.572      | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Boron, total                       | 0.211      | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Calcium, total                     | 150        | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Chloride, total                    | 20.0       | mg/L         |

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2024**

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

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| G275D   | Compliance | E004  | 02/19/2024 | Chromium, total                    | 0.00190 J+ | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Cobalt, total                      | 0.001 UJ   | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Dissolved Oxygen                   | 1.91       | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Fluoride, total                    | 0.480      | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Lead, total                        | 0.0006 U   | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Lithium, total                     | 0.00350    | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Mercury, total                     | 0.00006 U  | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Molybdenum, total                  | 0.0015 UJ  | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Oxidation Reduction Potential      | 130        | mV           |
| G275D   | Compliance | E004  | 02/19/2024 | pH (field)                         | 7.2        | SU           |
| G275D   | Compliance | E004  | 02/19/2024 | Radium 226 + Radium 228, total     | 0.859      | pCi/L        |
| G275D   | Compliance | E004  | 02/19/2024 | Selenium, total                    | 0.0006 U   | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Specific Conductance @ 25C (field) | 1,500      | micromhos/cm |
| G275D   | Compliance | E004  | 02/19/2024 | Sulfate, total                     | 119        | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Temperature                        | 13.8       | degrees C    |
| G275D   | Compliance | E004  | 02/19/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Total Dissolved Solids             | 465        | mg/L         |
| G275D   | Compliance | E004  | 02/19/2024 | Turbidity, field                   | 13.0       | NTU          |
| G276    | Compliance | E004  | 02/20/2024 | Antimony, total                    | 0.001 UJ   | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Arsenic, total                     | 0.00150 J+ | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Barium, total                      | 0.348      | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Boron, total                       | 0.0599 J+  | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Calcium, total                     | 150        | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Chloride, total                    | 34.0       | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Chromium, total                    | 0.00690 J+ | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Cobalt, total                      | 0.001 UJ   | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Dissolved Oxygen                   | 5.92       | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Fluoride, total                    | 0.360      | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Lead, total                        | 0.00270    | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Lithium, total                     | 0.0128     | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Mercury, total                     | 0.00016 J  | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Molybdenum, total                  | 0.00250 J+ | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Oxidation Reduction Potential      | 174        | mV           |
| G276    | Compliance | E004  | 02/20/2024 | pH (field)                         | 6.7        | SU           |
| G276    | Compliance | E004  | 02/20/2024 | Radium 226 + Radium 228, total     | 2.5        | pCi/L        |
| G276    | Compliance | E004  | 02/20/2024 | Selenium, total                    | 0.0006 U   | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Specific Conductance @ 25C (field) | 1,350      | micromhos/cm |
| G276    | Compliance | E004  | 02/20/2024 | Sulfate, total                     | 253        | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Temperature                        | 12.2       | degrees C    |
| G276    | Compliance | E004  | 02/20/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Total Dissolved Solids             | 875 J-     | mg/L         |
| G276    | Compliance | E004  | 02/20/2024 | Turbidity, field                   | 17.0       | NTU          |
| G277    | Compliance | E004  | 02/20/2024 | Antimony, total                    | 0.0004 U   | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Arsenic, total                     | 0.001 UJ   | mg/L         |

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2024**

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

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| G277    | Compliance | E004  | 02/20/2024 | Barium, total                      | 0.0473     | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Boron, total                       | 0.116 J+   | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Calcium, total                     | 235        | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Chloride, total                    | 117        | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Chromium, total                    | 0.00170 J+ | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Cobalt, total                      | 0.001 UJ   | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Dissolved Oxygen                   | 4.41       | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Fluoride, total                    | 0.270      | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Lead, total                        | 0.0006 U   | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Lithium, total                     | 0.00940    | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Mercury, total                     | 0.00006 U  | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Molybdenum, total                  | 0.0015 UJ  | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Oxidation Reduction Potential      | 173        | mV           |
| G277    | Compliance | E004  | 02/20/2024 | pH (field)                         | 6.7        | SU           |
| G277    | Compliance | E004  | 02/20/2024 | Radium 226 + Radium 228, total     | 0.149      | pCi/L        |
| G277    | Compliance | E004  | 02/20/2024 | Selenium, total                    | 0.0006 U   | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Specific Conductance @ 25C (field) | 1,910      | micromhos/cm |
| G277    | Compliance | E004  | 02/20/2024 | Sulfate, total                     | 611        | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Temperature                        | 12.4       | degrees C    |
| G277    | Compliance | E004  | 02/20/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Total Dissolved Solids             | 1,320      | mg/L         |
| G277    | Compliance | E004  | 02/20/2024 | Turbidity, field                   | 12.0       | NTU          |
| G279    | Compliance | E004  | 02/20/2024 | Antimony, total                    | 0.0004 U   | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Arsenic, total                     | 0.001 UJ   | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Barium, total                      | 0.0360     | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Boron, total                       | 3.56       | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Cadmium, total                     | 0.001 UJ   | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Calcium, total                     | 569        | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Chloride, total                    | 426        | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Chromium, total                    | 0.0015 UJ  | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Cobalt, total                      | 0.001 UJ   | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Dissolved Oxygen                   | 3.65       | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Fluoride, total                    | 0.340      | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Lead, total                        | 0.0006 U   | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Lithium, total                     | 0.0141     | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Mercury, total                     | 0.00006 UJ | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Molybdenum, total                  | 0.0015 UJ  | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Oxidation Reduction Potential      | 174        | mV           |
| G279    | Compliance | E004  | 02/20/2024 | pH (field)                         | 6.8        | SU           |
| G279    | Compliance | E004  | 02/20/2024 | Radium 226 + Radium 228, total     | 0.0847     | pCi/L        |
| G279    | Compliance | E004  | 02/20/2024 | Selenium, total                    | 0.00110    | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Specific Conductance @ 25C (field) | 5,990      | micromhos/cm |
| G279    | Compliance | E004  | 02/20/2024 | Sulfate, total                     | 2,600      | mg/L         |



**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2024**

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

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| G279    | Compliance | E004  | 02/20/2024 | Temperature                        | 14.3       | degrees C    |
| G279    | Compliance | E004  | 02/20/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Total Dissolved Solids             | 4,870      | mg/L         |
| G279    | Compliance | E004  | 02/20/2024 | Turbidity, field                   | 4.70       | NTU          |
| G283    | Compliance | E004  | 02/21/2024 | Antimony, total                    | 0.0004 U   | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Arsenic, total                     | 0.001 UJ   | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Barium, total                      | 0.164      | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Boron, total                       | 0.0606 J+  | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Calcium, total                     | 141        | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Chloride, total                    | 40.0       | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Chromium, total                    | 0.0015 UJ  | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Cobalt, total                      | 0.0001 U   | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Dissolved Oxygen                   | 1.01       | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Fluoride, total                    | 0.330      | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Lead, total                        | 0.0006 U   | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Lithium, total                     | 0.00900    | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Mercury, total                     | 0.00006 U  | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Molybdenum, total                  | 0.00170 J+ | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Oxidation Reduction Potential      | 156        | mV           |
| G283    | Compliance | E004  | 02/21/2024 | pH (field)                         | 6.9        | SU           |
| G283    | Compliance | E004  | 02/21/2024 | Radium 226 + Radium 228, total     | 1.24       | pCi/L        |
| G283    | Compliance | E004  | 02/21/2024 | Selenium, total                    | 0.0006 U   | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Specific Conductance @ 25C (field) | 1,270      | micromhos/cm |
| G283    | Compliance | E004  | 02/21/2024 | Sulfate, total                     | 258        | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Temperature                        | 11.1       | degrees C    |
| G283    | Compliance | E004  | 02/21/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Total Dissolved Solids             | 805        | mg/L         |
| G283    | Compliance | E004  | 02/21/2024 | Turbidity, field                   | 23.0       | NTU          |
| G284    | Compliance | E004  | 02/20/2024 | Antimony, total                    | 0.001 UJ   | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Arsenic, total                     | 0.001 UJ   | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Barium, total                      | 0.0690     | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Boron, total                       | 0.0516 J+  | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Calcium, total                     | 72.0       | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Chloride, total                    | 33.0       | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Chromium, total                    | 0.0015 UJ  | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Cobalt, total                      | 0.0001 U   | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Dissolved Oxygen                   | 2.51       | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Fluoride, total                    | 0.510      | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Lead, total                        | 0.0006 U   | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Lithium, total                     | 0.00780    | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Mercury, total                     | 0.00006 U  | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Molybdenum, total                  | 0.0123     | mg/L         |

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2024**

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

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| G284    | Compliance | E004  | 02/20/2024 | Oxidation Reduction Potential      | 128        | mV           |
| G284    | Compliance | E004  | 02/20/2024 | pH (field)                         | 7.1        | SU           |
| G284    | Compliance | E004  | 02/20/2024 | Radium 226 + Radium 228, total     | 0.776      | pCi/L        |
| G284    | Compliance | E004  | 02/20/2024 | Selenium, total                    | 0.0009 J   | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Specific Conductance @ 25C (field) | 653        | micromhos/cm |
| G284    | Compliance | E004  | 02/20/2024 | Sulfate, total                     | 83.0       | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Temperature                        | 11.7       | degrees C    |
| G284    | Compliance | E004  | 02/20/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Total Dissolved Solids             | 500        | mg/L         |
| G284    | Compliance | E004  | 02/20/2024 | Turbidity, field                   | 2.90       | NTU          |
| G285    | Compliance | E004  | 02/20/2024 | Antimony, total                    | 0.0004 U   | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Arsenic, total                     | 0.001 UJ   | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Barium, total                      | 0.0315     | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Beryllium, total                   | 0.0002 U   | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Boron, total                       | 0.134 J+   | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Cadmium, total                     | 0.0002 U   | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Calcium, total                     | 203        | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Chloride, total                    | 28.0       | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Chromium, total                    | 0.0015 UJ  | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Cobalt, total                      | 0.001 UJ   | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Dissolved Oxygen                   | 0.530      | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Fluoride, total                    | 0.520      | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Lead, total                        | 0.0006 U   | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Lithium, total                     | 0.00600    | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Mercury, total                     | 0.00006 U  | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Molybdenum, total                  | 0.00330 J+ | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Oxidation Reduction Potential      | 127        | mV           |
| G285    | Compliance | E004  | 02/20/2024 | pH (field)                         | 6.7        | SU           |
| G285    | Compliance | E004  | 02/20/2024 | Radium 226 + Radium 228, total     | 1.04       | pCi/L        |
| G285    | Compliance | E004  | 02/20/2024 | Selenium, total                    | 0.0006 U   | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Specific Conductance @ 25C (field) | 1,560      | micromhos/cm |
| G285    | Compliance | E004  | 02/20/2024 | Sulfate, total                     | 646        | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Temperature                        | 12.4       | degrees C    |
| G285    | Compliance | E004  | 02/20/2024 | Thallium, total                    | 0.001 U    | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Total Dissolved Solids             | 1,370      | mg/L         |
| G285    | Compliance | E004  | 02/20/2024 | Turbidity, field                   | 12.0       | NTU          |

**Notes:**

C = Celsius

cm = centimeter

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

SU = Standard Units

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J- = The result is an estimated quantity, but the result may be biased low.

J+ = The result is an estimated quantity, but the result may be biased high.

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

UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024**  
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  | E004  | Antimony, total                | mg/L  | 11/23/15 - 02/19/24 | 25           | 92         | CB around T-S line      | 0.003              | 0.006   | Standard          | No Exceedance     |
| G271    | UA  | E004  | Arsenic, total                 | mg/L  | 11/23/15 - 02/19/24 | 27           | 77         | CI around median        | 0.001              | 0.010   | Standard          | No Exceedance     |
| G271    | UA  | E004  | Barium, total                  | mg/L  | 11/23/15 - 02/19/24 | 28           | 0          | CB around T-S line      | 0.0157             | 2.0     | Standard          | No Exceedance     |
| G271    | UA  | E004  | Beryllium, total               | mg/L  | 11/23/15 - 02/19/24 | 25           | 97         | CI around median        | 0.001              | 0.004   | Standard          | No Exceedance     |
| G271    | UA  | E004  | Boron, total                   | mg/L  | 11/23/15 - 02/19/24 | 29           | 0          | CI around geomean       | 0.681              | 2       | Standard          | No Exceedance     |
| G271    | UA  | E004  | Cadmium, total                 | mg/L  | 11/23/15 - 02/19/24 | 25           | 98         | CI around median        | 0.001              | 0.005   | Standard          | No Exceedance     |
| G271    | UA  | E004  | Chloride, total                | mg/L  | 11/23/15 - 02/19/24 | 29           | 0          | CB around linear reg    | 46.1               | 200     | Standard          | No Exceedance     |
| G271    | UA  | E004  | Chromium, total                | mg/L  | 11/23/15 - 02/19/24 | 27           | 80         | CI around median        | 0.004              | 0.1     | Standard          | No Exceedance     |
| G271    | UA  | E004  | Cobalt, total                  | mg/L  | 11/23/15 - 02/19/24 | 27           | 87         | CB around T-S line      | 0.00194            | 0.006   | Standard          | No Exceedance     |
| G271    | UA  | E004  | Fluoride, total                | mg/L  | 11/23/15 - 02/19/24 | 29           | 7          | CI around mean          | 0.333              | 4.0     | Standard          | No Exceedance     |
| G271    | UA  | E004  | Lead, total                    | mg/L  | 11/23/15 - 02/19/24 | 28           | 61         | CI around median        | 0.001              | 0.0120  | Background        | No Exceedance     |
| G271    | UA  | E004  | Lithium, total                 | mg/L  | 11/23/15 - 02/19/24 | 23           | 91         | CI around median        | 0.01               | 0.04    | Standard          | No Exceedance     |
| G271    | UA  | E004  | Mercury, total                 | mg/L  | 11/23/15 - 02/19/24 | 25           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| G271    | UA  | E004  | Molybdenum, total              | mg/L  | 11/23/15 - 02/19/24 | 28           | 70         | CI around median        | 0.001              | 0.1     | Standard          | No Exceedance     |
| G271    | UA  | E004  | pH (field)                     | SU    | 11/23/15 - 02/19/24 | 31           | 0          | CI around mean          | 7.1/7.3            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| G271    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 11/23/15 - 02/19/24 | 23           | 0          | CI around geomean       | 0.384              | 5       | Standard          | No Exceedance     |
| G271    | UA  | E004  | Selenium, total                | mg/L  | 11/23/15 - 02/19/24 | 27           | 8          | CI around mean          | 0.00149            | 0.05    | Standard          | No Exceedance     |
| G271    | UA  | E004  | Sulfate, total                 | mg/L  | 11/23/15 - 02/19/24 | 29           | 0          | CB around T-S line      | 182                | 400     | Standard          | No Exceedance     |
| G271    | UA  | E004  | Thallium, total                | mg/L  | 11/23/15 - 02/19/24 | 26           | 97         | CI around median        | 0.001              | 0.002   | Standard          | No Exceedance     |
| G271    | UA  | E004  | Total Dissolved Solids         | mg/L  | 11/23/15 - 02/19/24 | 29           | 0          | CB around linear reg    | 637                | 1,200   | Standard          | No Exceedance     |
| G273    | UA  | E004  | Antimony, total                | mg/L  | 11/24/15 - 02/19/24 | 25           | 95         | CB around T-S line      | 0.003              | 0.006   | Standard          | No Exceedance     |
| G273    | UA  | E004  | Arsenic, total                 | mg/L  | 11/24/15 - 02/19/24 | 28           | 85         | CI around median        | 0.001              | 0.010   | Standard          | No Exceedance     |
| G273    | UA  | E004  | Barium, total                  | mg/L  | 11/24/15 - 02/19/24 | 28           | 0          | CI around median        | 0.029              | 2.0     | Standard          | No Exceedance     |
| G273    | UA  | E004  | Beryllium, total               | mg/L  | 11/24/15 - 02/19/24 | 25           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| G273    | UA  | E004  | Boron, total                   | mg/L  | 11/24/15 - 02/19/24 | 29           | 6          | CB around T-S line      | -0.0583            | 2       | Standard          | No Exceedance     |
| G273    | UA  | E004  | Cadmium, total                 | mg/L  | 11/24/15 - 02/19/24 | 25           | 98         | CI around median        | 0.001              | 0.005   | Standard          | No Exceedance     |
| G273    | UA  | E004  | Chloride, total                | mg/L  | 11/24/15 - 02/19/24 | 29           | 0          | CB around T-S line      | 69.9               | 200     | Standard          | No Exceedance     |



**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024**  
 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  | E004  | Chromium, total                | mg/L  | 11/24/15 - 02/19/24 | 27           | 97         | CB around T-S line      | 0.004              | 0.1     | Standard          | No Exceedance     |
| G273    | UA  | E004  | Cobalt, total                  | mg/L  | 11/24/15 - 02/19/24 | 27           | 97         | CB around T-S line      | 0.00197            | 0.006   | Standard          | No Exceedance     |
| G273    | UA  | E004  | Fluoride, total                | mg/L  | 11/24/15 - 02/19/24 | 29           | 17         | CI around mean          | 0.302              | 4.0     | Standard          | No Exceedance     |
| G273    | UA  | E004  | Lead, total                    | mg/L  | 11/24/15 - 02/19/24 | 28           | 89         | CI around median        | 0.001              | 0.0120  | Background        | No Exceedance     |
| G273    | UA  | E004  | Lithium, total                 | mg/L  | 11/24/15 - 02/19/24 | 23           | 78         | CI around median        | 0.01               | 0.04    | Standard          | No Exceedance     |
| G273    | UA  | E004  | Mercury, total                 | mg/L  | 11/24/15 - 02/19/24 | 25           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| G273    | UA  | E004  | Molybdenum, total              | mg/L  | 11/24/15 - 02/19/24 | 28           | 90         | CI around median        | 0.001              | 0.1     | Standard          | No Exceedance     |
| G273    | UA  | E004  | pH (field)                     | SU    | 11/24/15 - 02/19/24 | 31           | 0          | CI around mean          | 7.0/7.1            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| G273    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 11/24/15 - 02/19/24 | 23           | 0          | CI around median        | 0.226              | 5       | Standard          | No Exceedance     |
| G273    | UA  | E004  | Selenium, total                | mg/L  | 11/24/15 - 02/19/24 | 28           | 95         | CI around median        | 0.001              | 0.05    | Standard          | No Exceedance     |
| G273    | UA  | E004  | Sulfate, total                 | mg/L  | 11/24/15 - 02/19/24 | 29           | 0          | CI around median        | 410                | 400     | Standard          | Exceedance        |
| G273    | UA  | E004  | Thallium, total                | mg/L  | 11/24/15 - 02/19/24 | 26           | 95         | CI around median        | 0.001              | 0.002   | Standard          | No Exceedance     |
| G273    | UA  | E004  | Total Dissolved Solids         | mg/L  | 11/24/15 - 02/19/24 | 29           | 0          | CB around linear reg    | 1,020              | 1,200   | Standard          | No Exceedance     |
| G275    | UA  | E004  | Antimony, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 95         | CI around median        | 0.003              | 0.006   | Standard          | No Exceedance     |
| G275    | UA  | E004  | Arsenic, total                 | mg/L  | 10/14/20 - 02/19/24 | 10           | 56         | CI around median        | 0.001              | 0.010   | Standard          | No Exceedance     |
| G275    | UA  | E004  | Barium, total                  | mg/L  | 10/14/20 - 02/19/24 | 10           | 0          | CI around geomean       | 0.024              | 2.0     | Standard          | No Exceedance     |
| G275    | UA  | E004  | Beryllium, total               | mg/L  | 10/14/20 - 02/19/24 | 10           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| G275    | UA  | E004  | Boron, total                   | mg/L  | 10/14/20 - 02/19/24 | 10           | 0          | CI around mean          | 1.51               | 2       | Standard          | No Exceedance     |
| G275    | UA  | E004  | Cadmium, total                 | mg/L  | 10/14/20 - 02/19/24 | 10           | 100        | All ND - Last           | 0.001              | 0.005   | Standard          | No Exceedance     |
| G275    | UA  | E004  | Chloride, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 0          | CI around mean          | 17.6               | 200     | Standard          | No Exceedance     |
| G275    | UA  | E004  | Chromium, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 90         | CI around median        | 0.004              | 0.1     | Standard          | No Exceedance     |
| G275    | UA  | E004  | Cobalt, total                  | mg/L  | 10/14/20 - 02/19/24 | 10           | 100        | All ND - Last           | 0.001              | 0.006   | Standard          | No Exceedance     |
| G275    | UA  | E004  | Fluoride, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 10         | CI around mean          | 0.26               | 4.0     | Standard          | No Exceedance     |
| G275    | UA  | E004  | Lead, total                    | mg/L  | 10/14/20 - 02/19/24 | 10           | 59         | Most recent sample      | 0.001              | 0.0120  | Background        | No Exceedance     |
| G275    | UA  | E004  | Lithium, total                 | mg/L  | 06/08/23 - 02/19/24 | 2            | 50         | Most recent sample      | 0.0093             | 0.04    | Standard          | No Exceedance     |
| G275    | UA  | E004  | Mercury, total                 | mg/L  | 10/14/20 - 02/19/24 | 10           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| G275    | UA  | E004  | Molybdenum, total              | mg/L  | 10/14/20 - 02/19/24 | 10           | 91         | CI around median        | 0.001              | 0.1     | Standard          | No Exceedance     |

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024**  
 845 QUARTERLY REPORT  
 COFFEEN POWER PLANT  
 GMF RECYCLE POND  
 COFFEEN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | GWPS    | GWPS Source       | Compliance Result |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|---------|-------------------|-------------------|
| G275    | UA  | E004  | pH (field)                     | SU    | 10/14/20 - 02/19/24 | 10           | 0          | CI around mean          | 6.9/7.1            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| G275    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 06/08/23 - 02/19/24 | 2            | 0          | Most recent sample      | 0.0508             | 5       | Standard          | No Exceedance     |
| G275    | UA  | E004  | Selenium, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 84         | Most recent sample      | 0.001              | 0.05    | Standard          | No Exceedance     |
| G275    | UA  | E004  | Sulfate, total                 | mg/L  | 10/14/20 - 02/19/24 | 10           | 0          | CB around linear reg    | 185                | 400     | Standard          | No Exceedance     |
| G275    | UA  | E004  | Thallium, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| G275    | UA  | E004  | Total Dissolved Solids         | mg/L  | 10/14/20 - 02/19/24 | 10           | 0          | CI around mean          | 927                | 1,200   | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Antimony, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 89         | CI around median        | 0.001              | 0.006   | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Arsenic, total                 | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CB around linear reg    | 0.0147             | 0.010   | Standard          | Exceedance        |
| G275D   | DA  | E004  | Barium, total                  | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CI around mean          | 0.322              | 2.0     | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Beryllium, total               | mg/L  | 03/30/21 - 02/19/24 | 9            | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Boron, total                   | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CI around geomean       | 0.195              | 2       | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Cadmium, total                 | mg/L  | 03/30/21 - 02/19/24 | 9            | 100        | All ND - Last           | 0.001              | 0.005   | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Chloride, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CI around mean          | 20                 | 200     | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Chromium, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 78         | CI around median        | 0.0015             | 0.1     | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Cobalt, total                  | mg/L  | 03/30/21 - 02/19/24 | 9            | 67         | CB around T-S line      | -0.00687           | 0.006   | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Fluoride, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CI around mean          | 0.391              | 4.0     | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Lead, total                    | mg/L  | 03/30/21 - 02/19/24 | 9            | 89         | CI around median        | 0.001              | 0.0120  | Background        | No Exceedance     |
| G275D   | DA  | E004  | Lithium, total                 | mg/L  | 03/30/21 - 02/19/24 | 9            | 78         | CI around median        | 0.0035             | 0.04    | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Mercury, total                 | mg/L  | 03/30/21 - 02/19/24 | 9            | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Molybdenum, total              | mg/L  | 03/30/21 - 02/19/24 | 9            | 11         | CB around linear reg    | -0.00861           | 0.1     | Standard          | No Exceedance     |
| G275D   | DA  | E004  | pH (field)                     | SU    | 03/30/21 - 02/19/24 | 9            | 0          | CI around mean          | 7.0/7.3            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| G275D   | DA  | E004  | Radium 226 + Radium 228, total | pCi/L | 03/30/21 - 02/19/24 | 10           | 0          | CI around mean          | 0.53               | 5       | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Selenium, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 100        | All ND - Last           | 0.001              | 0.05    | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Sulfate, total                 | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CB around linear reg    | 54.5               | 400     | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Thallium, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| G275D   | DA  | E004  | Total Dissolved Solids         | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CI around median        | 840                | 1,200   | Standard          | No Exceedance     |
| G276    | UA  | E004  | Antimony, total                | mg/L  | 11/24/15 - 02/20/24 | 25           | 97         | CB around T-S line      | 0.00242            | 0.006   | Standard          | No Exceedance     |

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024**  
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  | E004  | Arsenic, total                 | mg/L  | 11/24/15 - 02/20/24 | 28           | 84         | CI around median        | 0.001              | 0.010   | Standard          | No Exceedance     |
| G276    | UA  | E004  | Barium, total                  | mg/L  | 11/24/15 - 02/20/24 | 28           | 0          | CB around T-S line      | 0.0323             | 2.0     | Standard          | No Exceedance     |
| G276    | UA  | E004  | Beryllium, total               | mg/L  | 11/24/15 - 02/20/24 | 25           | 94         | Most recent sample      | 0.001              | 0.004   | Standard          | No Exceedance     |
| G276    | UA  | E004  | Boron, total                   | mg/L  | 11/24/15 - 02/20/24 | 29           | 12         | CI around geomean       | 0.0173             | 2       | Standard          | No Exceedance     |
| G276    | UA  | E004  | Cadmium, total                 | mg/L  | 11/24/15 - 02/20/24 | 25           | 100        | All ND - Last           | 0.001              | 0.005   | Standard          | No Exceedance     |
| G276    | UA  | E004  | Chloride, total                | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CI around median        | 22                 | 200     | Standard          | No Exceedance     |
| G276    | UA  | E004  | Chromium, total                | mg/L  | 11/24/15 - 02/20/24 | 27           | 84         | CI around median        | 0.004              | 0.1     | Standard          | No Exceedance     |
| G276    | UA  | E004  | Cobalt, total                  | mg/L  | 11/24/15 - 02/20/24 | 27           | 97         | CB around T-S line      | 0.002              | 0.006   | Standard          | No Exceedance     |
| G276    | UA  | E004  | Fluoride, total                | mg/L  | 11/24/15 - 02/20/24 | 29           | 5          | CI around median        | 0.355              | 4.0     | Standard          | No Exceedance     |
| G276    | UA  | E004  | Lead, total                    | mg/L  | 11/24/15 - 02/20/24 | 28           | 78         | CI around median        | 0.001              | 0.0120  | Background        | No Exceedance     |
| G276    | UA  | E004  | Lithium, total                 | mg/L  | 11/24/15 - 02/20/24 | 23           | 44         | CI around median        | 0.012              | 0.04    | Standard          | No Exceedance     |
| G276    | UA  | E004  | Mercury, total                 | mg/L  | 11/24/15 - 02/20/24 | 25           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| G276    | UA  | E004  | Molybdenum, total              | mg/L  | 11/24/15 - 02/20/24 | 28           | 79         | CI around median        | 0.001              | 0.1     | Standard          | No Exceedance     |
| G276    | UA  | E004  | pH (field)                     | SU    | 11/24/15 - 02/20/24 | 30           | 0          | CB around linear reg    | 6.7/7.0            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| G276    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 11/24/15 - 02/20/24 | 23           | 0          | CI around geomean       | 0.371              | 5       | Standard          | No Exceedance     |
| G276    | UA  | E004  | Selenium, total                | mg/L  | 11/24/15 - 02/20/24 | 28           | 37         | CB around linear reg    | 0.000731           | 0.05    | Standard          | No Exceedance     |
| G276    | UA  | E004  | Sulfate, total                 | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CB around T-S line      | 252                | 400     | Standard          | No Exceedance     |
| G276    | UA  | E004  | Thallium, total                | mg/L  | 11/24/15 - 02/20/24 | 26           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| G276    | UA  | E004  | Total Dissolved Solids         | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CB around T-S line      | 853                | 1,200   | Standard          | No Exceedance     |
| G277    | UA  | E004  | Antimony, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.006   | Standard          | No Exceedance     |
| G277    | UA  | E004  | Arsenic, total                 | mg/L  | 10/14/20 - 02/20/24 | 11           | 59         | CI around median        | 0.001              | 0.010   | Standard          | No Exceedance     |
| G277    | UA  | E004  | Barium, total                  | mg/L  | 10/14/20 - 02/20/24 | 11           | 0          | CB around linear reg    | 0.0122             | 2.0     | Standard          | No Exceedance     |
| G277    | UA  | E004  | Beryllium, total               | mg/L  | 10/14/20 - 02/20/24 | 11           | 89         | Most recent sample      | 0.001              | 0.004   | Standard          | No Exceedance     |
| G277    | UA  | E004  | Boron, total                   | mg/L  | 10/14/20 - 02/20/24 | 11           | 14         | CB around linear reg    | 0.0978             | 2       | Standard          | No Exceedance     |
| G277    | UA  | E004  | Cadmium, total                 | mg/L  | 10/14/20 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.005   | Standard          | No Exceedance     |
| G277    | UA  | E004  | Chloride, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 0          | CI around mean          | 63.8               | 200     | Standard          | No Exceedance     |
| G277    | UA  | E004  | Chromium, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 56         | CI around median        | 0.004              | 0.1     | Standard          | No Exceedance     |

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024**  
 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  | E004  | Cobalt, total                  | mg/L  | 10/14/20 - 02/20/24 | 11           | 78         | CI around median        | 0.002              | 0.006   | Standard          | No Exceedance     |
| G277    | UA  | E004  | Fluoride, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 11         | CI around median        | 0.125              | 4.0     | Standard          | No Exceedance     |
| G277    | UA  | E004  | Lead, total                    | mg/L  | 10/14/20 - 02/20/24 | 11           | 55         | CI around median        | 0.001              | 0.0120  | Background        | No Exceedance     |
| G277    | UA  | E004  | Lithium, total                 | mg/L  | 06/01/23 - 02/20/24 | 2            | 50         | Most recent sample      | 0.0094             | 0.04    | Standard          | No Exceedance     |
| G277    | UA  | E004  | Mercury, total                 | mg/L  | 10/14/20 - 02/20/24 | 11           | 94         | Most recent sample      | 0.0002             | 0.002   | Standard          | No Exceedance     |
| G277    | UA  | E004  | Molybdenum, total              | mg/L  | 10/14/20 - 02/20/24 | 11           | 100        | All ND - Last           | 0.0015             | 0.1     | Standard          | No Exceedance     |
| G277    | UA  | E004  | pH (field)                     | SU    | 10/14/20 - 02/20/24 | 11           | 0          | CI around mean          | 6.7/7.1            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| G277    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 06/01/23 - 02/20/24 | 2            | 0          | Most recent sample      | 0.149              | 5       | Standard          | No Exceedance     |
| G277    | UA  | E004  | Selenium, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 61         | CI around median        | 0.001              | 0.05    | Standard          | No Exceedance     |
| G277    | UA  | E004  | Sulfate, total                 | mg/L  | 10/14/20 - 02/20/24 | 11           | 0          | CB around linear reg    | 381                | 400     | Standard          | No Exceedance     |
| G277    | UA  | E004  | Thallium, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| G277    | UA  | E004  | Total Dissolved Solids         | mg/L  | 10/14/20 - 02/20/24 | 11           | 0          | CI around mean          | 934                | 1,200   | Standard          | No Exceedance     |
| G279    | UA  | E004  | Antimony, total                | mg/L  | 11/24/15 - 02/20/24 | 25           | 100        | All ND - Last           | 0.001              | 0.006   | Standard          | No Exceedance     |
| G279    | UA  | E004  | Arsenic, total                 | mg/L  | 11/24/15 - 02/20/24 | 28           | 80         | CI around median        | 0.001              | 0.010   | Standard          | No Exceedance     |
| G279    | UA  | E004  | Barium, total                  | mg/L  | 11/24/15 - 02/20/24 | 28           | 0          | CB around linear reg    | 0.0272             | 2.0     | Standard          | No Exceedance     |
| G279    | UA  | E004  | Beryllium, total               | mg/L  | 11/24/15 - 02/20/24 | 25           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| G279    | UA  | E004  | Boron, total                   | mg/L  | 11/24/15 - 02/20/24 | 29           | 20         | CB around linear reg    | 1.23               | 2       | Standard          | No Exceedance     |
| G279    | UA  | E004  | Cadmium, total                 | mg/L  | 11/24/15 - 02/20/24 | 25           | 100        | All ND - Last           | 0.001              | 0.005   | Standard          | No Exceedance     |
| G279    | UA  | E004  | Chloride, total                | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CB around linear reg    | 216                | 200     | Standard          | Exceedance        |
| G279    | UA  | E004  | Chromium, total                | mg/L  | 11/24/15 - 02/20/24 | 27           | 90         | CI around median        | 0.004              | 0.1     | Standard          | No Exceedance     |
| G279    | UA  | E004  | Cobalt, total                  | mg/L  | 11/24/15 - 02/20/24 | 27           | 87         | CI around median        | 0.002              | 0.006   | Standard          | No Exceedance     |
| G279    | UA  | E004  | Fluoride, total                | mg/L  | 11/24/15 - 02/20/24 | 29           | 7          | CI around mean          | 0.339              | 4.0     | Standard          | No Exceedance     |
| G279    | UA  | E004  | Lead, total                    | mg/L  | 11/24/15 - 02/20/24 | 28           | 83         | CI around median        | 0.001              | 0.0120  | Background        | No Exceedance     |
| G279    | UA  | E004  | Lithium, total                 | mg/L  | 11/24/15 - 02/20/24 | 28           | 71         | CB around T-S line      | 0.0156             | 0.04    | Standard          | No Exceedance     |
| G279    | UA  | E004  | Mercury, total                 | mg/L  | 11/24/15 - 02/20/24 | 25           | 97         | Most recent sample      | 0.0002             | 0.002   | Standard          | No Exceedance     |
| G279    | UA  | E004  | Molybdenum, total              | mg/L  | 11/24/15 - 02/20/24 | 28           | 87         | CI around median        | 0.001              | 0.1     | Standard          | No Exceedance     |
| G279    | UA  | E004  | pH (field)                     | SU    | 11/24/15 - 02/20/24 | 29           | 0          | CB around linear reg    | 6.5/6.8            | 6.5/9.0 | Standard/Standard | No Exceedance     |

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024**  
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  | E004  | Radium 226 + Radium 228, total | pCi/L | 11/24/15 - 02/20/24 | 28           | 0          | CI around mean          | 0.639              | 5       | Standard          | No Exceedance     |
| G279    | UA  | E004  | Selenium, total                | mg/L  | 11/24/15 - 02/20/24 | 28           | 20         | CB around linear reg    | -0.00398           | 0.05    | Standard          | No Exceedance     |
| G279    | UA  | E004  | Sulfate, total                 | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CI around geomean       | 408                | 400     | Standard          | Exceedance        |
| G279    | UA  | E004  | Thallium, total                | mg/L  | 11/24/15 - 02/20/24 | 26           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| G279    | UA  | E004  | Total Dissolved Solids         | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CB around linear reg    | 2,680              | 1,200   | Standard          | Exceedance        |
| G283    | LCU | E004  | Antimony, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.006   | Standard          | No Exceedance     |
| G283    | LCU | E004  | Arsenic, total                 | mg/L  | 03/31/21 - 02/21/24 | 12           | 58         | CI around median        | 0.001              | 0.010   | Standard          | No Exceedance     |
| G283    | LCU | E004  | Barium, total                  | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CI around mean          | 0.161              | 2.0     | Standard          | No Exceedance     |
| G283    | LCU | E004  | Beryllium, total               | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| G283    | LCU | E004  | Boron, total                   | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CB around linear reg    | 0.0439             | 2       | Standard          | No Exceedance     |
| G283    | LCU | E004  | Cadmium, total                 | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.005   | Standard          | No Exceedance     |
| G283    | LCU | E004  | Chloride, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CI around mean          | 37.7               | 200     | Standard          | No Exceedance     |
| G283    | LCU | E004  | Chromium, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.0015             | 0.1     | Standard          | No Exceedance     |
| G283    | LCU | E004  | Cobalt, total                  | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.006   | Standard          | No Exceedance     |
| G283    | LCU | E004  | Fluoride, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 17         | CI around mean          | 0.303              | 4.0     | Standard          | No Exceedance     |
| G283    | LCU | E004  | Lead, total                    | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.0120  | Background        | No Exceedance     |
| G283    | LCU | E004  | Lithium, total                 | mg/L  | 03/31/21 - 02/21/24 | 12           | 75         | CB around T-S line      | 0.00941            | 0.04    | Standard          | No Exceedance     |
| G283    | LCU | E004  | Mercury, total                 | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| G283    | LCU | E004  | Molybdenum, total              | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CI around geomean       | 0.00157            | 0.1     | Standard          | No Exceedance     |
| G283    | LCU | E004  | pH (field)                     | SU    | 03/31/21 - 02/21/24 | 12           | 0          | CI around mean          | 7.0/7.1            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| G283    | LCU | E004  | Radium 226 + Radium 228, total | pCi/L | 03/31/21 - 02/21/24 | 12           | 0          | CI around geomean       | 0.545              | 5       | Standard          | No Exceedance     |
| G283    | LCU | E004  | Selenium, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.05    | Standard          | No Exceedance     |
| G283    | LCU | E004  | Sulfate, total                 | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CI around mean          | 239                | 400     | Standard          | No Exceedance     |
| G283    | LCU | E004  | Thallium, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| G283    | LCU | E004  | Total Dissolved Solids         | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CI around mean          | 785                | 1,200   | Standard          | No Exceedance     |
| G284    | UA  | E004  | Antimony, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.006   | Standard          | No Exceedance     |
| G284    | UA  | E004  | Arsenic, total                 | mg/L  | 03/30/21 - 02/20/24 | 11           | 91         | Most recent sample      | 0.001              | 0.010   | Standard          | No Exceedance     |

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024**  
 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  | E004  | Barium, total                  | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around median        | 0.063              | 2.0     | Standard          | No Exceedance     |
| G284    | UA  | E004  | Beryllium, total               | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| G284    | UA  | E004  | Boron, total                   | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around geomean       | 0.0397             | 2       | Standard          | No Exceedance     |
| G284    | UA  | E004  | Cadmium, total                 | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.005   | Standard          | No Exceedance     |
| G284    | UA  | E004  | Chloride, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around mean          | 35.5               | 200     | Standard          | No Exceedance     |
| G284    | UA  | E004  | Chromium, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.0015             | 0.1     | Standard          | No Exceedance     |
| G284    | UA  | E004  | Cobalt, total                  | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.006   | Standard          | No Exceedance     |
| G284    | UA  | E004  | Fluoride, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around mean          | 0.487              | 4.0     | Standard          | No Exceedance     |
| G284    | UA  | E004  | Lead, total                    | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.0120  | Background        | No Exceedance     |
| G284    | UA  | E004  | Lithium, total                 | mg/L  | 03/30/21 - 02/20/24 | 11           | 82         | CI around median        | 0.0134             | 0.04    | Standard          | No Exceedance     |
| G284    | UA  | E004  | Mercury, total                 | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| G284    | UA  | E004  | Molybdenum, total              | mg/L  | 03/30/21 - 02/20/24 | 11           | 36         | CI around median        | 0.001              | 0.1     | Standard          | No Exceedance     |
| G284    | UA  | E004  | pH (field)                     | SU    | 03/30/21 - 02/20/24 | 11           | 0          | CI around mean          | 7.1/7.3            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| G284    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 03/30/21 - 02/20/24 | 11           | 0          | CI around mean          | 0.124              | 5       | Standard          | No Exceedance     |
| G284    | UA  | E004  | Selenium, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 82         | CI around median        | 0.001              | 0.05    | Standard          | No Exceedance     |
| G284    | UA  | E004  | Sulfate, total                 | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around median        | 63                 | 400     | Standard          | No Exceedance     |
| G284    | UA  | E004  | Thallium, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| G284    | UA  | E004  | Total Dissolved Solids         | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around mean          | 445                | 1,200   | Standard          | No Exceedance     |
| G285    | LCU | E004  | Antimony, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.001              | 0.006   | Standard          | No Exceedance     |
| G285    | LCU | E004  | Arsenic, total                 | mg/L  | 03/30/21 - 02/20/24 | 12           | 67         | CI around median        | 0.001              | 0.010   | Standard          | No Exceedance     |
| G285    | LCU | E004  | Barium, total                  | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CB around linear reg    | 0.0204             | 2.0     | Standard          | No Exceedance     |
| G285    | LCU | E004  | Beryllium, total               | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| G285    | LCU | E004  | Boron, total                   | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CI around mean          | 0.11               | 2       | Standard          | No Exceedance     |
| G285    | LCU | E004  | Cadmium, total                 | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.001              | 0.005   | Standard          | No Exceedance     |
| G285    | LCU | E004  | Chloride, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CB around linear reg    | 2.82               | 200     | Standard          | No Exceedance     |
| G285    | LCU | E004  | Chromium, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.0015             | 0.1     | Standard          | No Exceedance     |
| G285    | LCU | E004  | Cobalt, total                  | mg/L  | 03/30/21 - 02/20/24 | 12           | 25         | CI around mean          | 0.0017             | 0.006   | Standard          | No Exceedance     |



**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024**  
 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 | E004  | Fluoride, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 25         | CI around mean          | 0.276              | 4.0     | Standard          | No Exceedance     |
| G285    | LCU | E004  | Lead, total                    | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.001              | 0.0120  | Background        | No Exceedance     |
| G285    | LCU | E004  | Lithium, total                 | mg/L  | 03/30/21 - 02/20/24 | 12           | 75         | CI around median        | 0.0051             | 0.04    | Standard          | No Exceedance     |
| G285    | LCU | E004  | Mercury, total                 | mg/L  | 03/30/21 - 02/20/24 | 12           | 92         | CI around median        | 0.0002             | 0.002   | Standard          | No Exceedance     |
| G285    | LCU | E004  | Molybdenum, total              | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CB around linear reg    | 0.000592           | 0.1     | Standard          | No Exceedance     |
| G285    | LCU | E004  | pH (field)                     | SU    | 03/30/21 - 02/20/24 | 12           | 0          | CI around median        | 6.7/6.9            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| G285    | LCU | E004  | Radium 226 + Radium 228, total | pCi/L | 03/30/21 - 02/20/24 | 12           | 0          | CI around geomean       | 1.24               | 5       | Standard          | No Exceedance     |
| G285    | LCU | E004  | Selenium, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.001              | 0.05    | Standard          | No Exceedance     |
| G285    | LCU | E004  | Sulfate, total                 | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CB around linear reg    | 586                | 400     | Standard          | Exceedance        |
| G285    | LCU | E004  | Thallium, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 92         | CB around T-S line      | 0.001              | 0.002   | Standard          | No Exceedance     |
| G285    | LCU | E004  | Total Dissolved Solids         | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CI around mean          | 1,440              | 1,200   | Standard          | Exceedance        |

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024**

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.

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 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

For pH, the values presented are the lower / upper limits

GWPS = Groundwater Protection Standard

GWPS Source:

Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

Background = background concentration (see cover page for additional information)



## FIGURES



PROJECT: 169000XXXX | DATED: 10/15/2021 | DESIGNER: STOLZSD  
 Y:\Mapping\Projects\222222\MXD\1845\_Operating\_Permit\Coffeen\GMF\_RP\GMF\Figure 2-1\_Proposed Monitoring Well Network.mxd



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

|                        |                               |
|------------------------|-------------------------------|
| BACKGROUND WELL        | REGULATED UNIT (SUBJECT UNIT) |
| COMPLIANCE WELL        | SITE FEATURE                  |
| SOURCE SAMPLE LOCATION | LIMITS OF FINAL COVER         |
|                        | PROPERTY BOUNDARY             |

0 150 300 Feet

**MONITORING WELL LOCATION MAP**

**FIGURE 1**

**GMF RECYCLE POND**  
 COFFEEN POWER PLANT  
 COFFEEN, ILLINOIS

RAMBOLL AMERICAS  
 ENGINEERING SOLUTIONS, INC.





## **ATTACHMENTS**

**ATTACHMENT A  
SUMMARY OF GROUNDWATER ELEVATION DATA  
QUARTER 1, 2024**

**ATTACHMENT A.  
GROUNDWATER ELEVATION DATA - QUARTER 1, 2024**

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

| Well ID | Well Type   | Date       | Depth to Groundwater<br>(feet BMP) | Groundwater Elevation<br>(feet NAVD88) |
|---------|-------------|------------|------------------------------------|--|
| G270    | Background  | 02/12/2024 | 2.80                               | 622.63                                 |
| G271    | Compliance  | 02/12/2024 | 10.74                              | 614.60                                 |
| G273    | Compliance  | 02/12/2024 | 10.50                              | 612.16                                 |
| G275    | Compliance  | 02/12/2024 | Not Measured                       |  |
| G275D   | Compliance  | 02/12/2024 | 38.93                              | 581.30                                 |
| G276    | Compliance  | 02/12/2024 | 27.49                              | 604.02                                 |
| G277    | Compliance  | 02/12/2024 | 20.09                              | 602.99                                 |
| G279    | Compliance  | 02/12/2024 | 23.99                              | 608.05                                 |
| G280    | Background  | 02/12/2024 | 6.12                               | 619.14                                 |
| G283    | Compliance  | 02/12/2024 | 5.15                               | 605.60                                 |
| G284    | Compliance  | 02/12/2024 | 11.50                              | 606.92                                 |
| G285    | Compliance  | 02/12/2024 | 6.05                               | 607.47                                 |
| X201    | Water Level | 02/12/2024 | 28.79                              | 618.89                                 |
| SG-04   | Water Level | 02/12/2024 | Not Measured <sup>1</sup>          |  |

**Notes:**

BMP = below measuring point

NAVD88 = North American Vertical Datum of 1988

<sup>1</sup> SG-04, located on the unnamed tributary, was destroyed following a rain event in October 2023.

**ATTACHMENT B  
LABORATORY REPORTS AND FIELD DATA SHEETS  
QUARTER 1, 2024**

April 09, 2024

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



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

**RE: COF-24Q1**

**WorkOrder: 24020001**

Dear Eric Bauer:

TEKLAB, INC received 16 samples for COF\_845\_104 on 2/22/2024 1:00:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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



## Report Contents

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

**Client:** Ramboll

**Work Order:** 24020001

**Client Project:** COF-24Q1

**Report Date:** 09-Apr-24

**This reporting package includes the following:**

|                         |          |
|-------------------------|----------|
| Cover Letter            | 1        |
| Report Contents         | 2        |
| Definitions             | 3        |
| Case Narrative          | 5        |
| Accreditations          | 6        |
| Laboratory Results      | 7        |
| Sample Summary          | 37       |
| Quality Control Results | 38       |
| Receiving Check List    | 203      |
| Chain of Custody        | Appended |



**Client:** Ramboll

**Work Order:** 24020001

**Client Project:** COF-24Q1

**Report Date:** 09-Apr-24

### Abbr Definition

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

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

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

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

DNI Did not ignite

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

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

IDPH IL Dept. of Public Health

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

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

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

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

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

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

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

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

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

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

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

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

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

TNTC Too numerous to count (> 200 CFU)



## Definitions

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

**Client:** Ramboll

**Work Order:** 24020001

**Client Project:** COF-24Q1

**Report Date:** 09-Apr-24

### Qualifiers

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



## Case Narrative

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020001  
**Report Date:** 09-Apr-24

**Cooler Receipt Temp:** 9.1 °C

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

Equipment Blanks 2 and 3 were not required.

Per Eric Bauer's request, only COF\_845\_104 data is included in this report. EAH 4/9/24

### Locations

#### Collinsville

**Address** 5445 Horseshoe Lake Road  
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Lenexa, KS 66214  
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**Accreditations**

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

**Client:** Ramboll

**Work Order:** 24020001

**Client Project:** COF-24Q1

**Report Date:** 09-Apr-24

| State     | Dept | Cert #       | NELAP | Exp Date   | Lab          |
|-----------|------|--------------|-------|------------|--------------|
| Illinois  | IEPA | 100226       | NELAP | 1/31/2025  | Collinsville |
| Illinois  | IEPA | 1004652024-2 | NELAP | 4/30/2025  | Collinsville |
| Kansas    | KDHE | E-10374      | NELAP | 4/30/2024  | Collinsville |
| Louisiana | LDEQ | 05002        | NELAP | 6/30/2024  | Collinsville |
| Louisiana | LDEQ | 05003        | NELAP | 6/30/2024  | Collinsville |
| Oklahoma  | ODEQ | 9978         | NELAP | 8/31/2024  | Collinsville |
| Arkansas  | ADEQ | 88-0966      |       | 3/14/2025  | Collinsville |
| Illinois  | IDPH | 17584        |       | 5/31/2025  | Collinsville |
| Iowa      | IDNR | 430          |       | 6/1/2024   | Collinsville |
| Kentucky  | UST  | 0073         |       | 1/31/2025  | Collinsville |
| Missouri  | MDNR | 00930        |       | 10/31/2026 | Collinsville |
| Missouri  | MDNR | 930          |       | 1/31/2025  | Collinsville |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

Client: Ramboll  
Client Project: COF-24Q1  
Lab ID: 24020001-042  
Matrix: GROUNDWATER

Work Order: 24020001  
Report Date: 09-Apr-24

Client Sample ID: G270

Collection Date: 02/19/2024 11:56

| Analyses   | Certification | MDL   | RL    | Qual | Result | Units | DF | Date Analyzed    | Batch   |
|--|---------------|-------|-------|------|--------|-------|----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                |               |       |       |      |        |       |    |                  |         |
| Depth to water from measuring point                | *             | 0     | 0     |      | 2.86   | ft    | 1  | 02/19/2024 11:56 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>               |               |       |       |      |        |       |    |                  |         |
| Turbidity  | *             | 1.0   | 1.0   |      | 24     | NTU   | 1  | 02/19/2024 11:56 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>      |               |       |       |      |        |       |    |                  |         |
| Oxidation-Reduction Potential                      | *             | -300  | -300  |      | 147    | mV    | 1  | 02/19/2024 11:56 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>               |               |       |       |      |        |       |    |                  |         |
| Spec. Conductance, Field                           | *             | 0     | 0     |      | 733    | µS/cm | 1  | 02/19/2024 11:56 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>               |               |       |       |      |        |       |    |                  |         |
| Temperature  | *             | 0     | 0     |      | 10.6   | °C    | 1  | 02/19/2024 11:56 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>             |               |       |       |      |        |       |    |                  |         |
| Oxygen, Dissolved                                  | *             | 0     | 0     |      | 2.98   | mg/L  | 1  | 02/19/2024 11:56 | R343520 |
| <b>SW-846 9040B FIELD</b>                          |               |       |       |      |        |       |    |                  |         |
| pH   | *             | 0     | 1.00  |      | 7.15   |       | 1  | 02/19/2024 11:56 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )    | NELAP         | 0     | 0     |      | 326    | mg/L  | 1  | 02/20/2024 13:44 | R343313 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>          |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Carbonate (as CaCO <sub>3</sub> )      | NELAP         | 0     | 0     |      | 0      | mg/L  | 1  | 02/20/2024 13:44 | R343313 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |    |                  |         |
| Total Dissolved Solids                             | NELAP         | 16    | 20    |      | 412    | mg/L  | 1  | 02/20/2024 13:32 | R343377 |
| <b>SW-846 9036 (TOTAL)</b>                         |               |       |       |      |        |       |    |                  |         |
| Sulfate  | NELAP         | 12    | 20    |      | 53     | mg/L  | 2  | 02/20/2024 19:41 | R343322 |
| <b>SW-846 9214 (TOTAL)</b>                         |               |       |       |      |        |       |    |                  |         |
| Fluoride   | NELAP         | 0.04  | 0.10  |      | 0.34   | mg/L  | 1  | 02/20/2024 12:22 | R343311 |
| <b>SW-846 9251 (TOTAL)</b>                         |               |       |       |      |        |       |    |                  |         |
| Chloride   | NELAP         | 1     | 4     |      | 12     | mg/L  | 1  | 02/20/2024 19:35 | R343325 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>  |               |       |       |      |        |       |    |                  |         |
| Calcium  | NELAP         | 0.035 | 0.100 |      | 58.9   | mg/L  | 1  | 02/21/2024 9:42  | 218955  |
| Magnesium  | NELAP         | 0.006 | 0.050 |      | 25.0   | mg/L  | 1  | 02/21/2024 9:42  | 218955  |
| Potassium  | NELAP         | 0.040 | 0.100 |      | 1.09   | mg/L  | 1  | 02/21/2024 9:42  | 218955  |
| Sodium   | NELAP         | 0.018 | 0.050 |      | 75.6   | mg/L  | 1  | 02/21/2024 9:42  | 218955  |
| <b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b> |               |       |       |      |        |       |    |                  |         |
| Antimony   | NELAP         | 0.7   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/23/2024 19:49 | 218955  |
| Arsenic  | NELAP         | 0.4   | 1.0   |      | 1.5    | µg/L  | 5  | 02/23/2024 19:49 | 218955  |
| Barium   | NELAP         | 0.7   | 1.0   |      | 63.1   | µg/L  | 5  | 02/23/2024 19:49 | 218955  |
| Beryllium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/23/2024 19:49 | 218955  |
| Boron  | NELAP         | 9.2   | 20    | J    | 10     | µg/L  | 5  | 02/23/2024 19:49 | 218955  |
| Cadmium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/23/2024 19:49 | 218955  |
| Chromium   | NELAP         | 0.9   | 1.5   |      | 4.8    | µg/L  | 5  | 02/23/2024 19:49 | 218955  |
| Cobalt   | NELAP         | 0.1   | 1.0   |      | 1.4    | µg/L  | 5  | 02/23/2024 19:49 | 218955  |
| Lead   | NELAP         | 0.6   | 1.0   |      | 2.0    | µg/L  | 5  | 02/23/2024 19:49 | 218955  |
| Lithium  | *             | 1.4   | 3.0   |      | 4.8    | µg/L  | 5  | 02/23/2024 19:49 | 218955  |
| Molybdenum   | NELAP         | 0.6   | 1.5   | J    | 0.9    | µg/L  | 5  | 02/26/2024 15:22 | 218955  |
| Selenium   | NELAP         | 0.6   | 1.0   | J    | 0.7    | µg/L  | 5  | 02/26/2024 15:22 | 218955  |
| Thallium   | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5  | 02/23/2024 19:49 | 218955  |

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



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-042  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G270  
**Collection Date:** 02/19/2024 11:56

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed    | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                  |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 02/21/2024 15:47 | 218967 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104  
<http://www.teklabinc.com/>

Client: Ramboll  
 Client Project: COF-24Q1  
 Lab ID: 24020001-043  
 Matrix: GROUNDWATER

Work Order: 24020001  
 Report Date: 09-Apr-24

Client Sample ID: G271  
 Collection Date: 02/19/2024 12:20

| Analyses   | Certification | MDL   | RL    | Qual | Result | Units | DF  | Date Analyzed    | Batch   |
|--|---------------|-------|-------|------|--------|-------|-----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                |               |       |       |      |        |       |     |                  |         |
| Depth to water from measuring point                | *             | 0     | 0     |      | 11.05  | ft    | 1   | 02/19/2024 12:20 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Turbidity  | *             | 1.0   | 1.0   |      | 7.8    | NTU   | 1   | 02/19/2024 12:20 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>      |               |       |       |      |        |       |     |                  |         |
| Oxidation-Reduction Potential                      | *             | -300  | -300  |      | 149    | mV    | 1   | 02/19/2024 12:20 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Spec. Conductance, Field                           | *             | 0     | 0     |      | 1030   | µS/cm | 1   | 02/19/2024 12:20 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Temperature  | *             | 0     | 0     |      | 13.2   | °C    | 1   | 02/19/2024 12:20 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>             |               |       |       |      |        |       |     |                  |         |
| Oxygen, Dissolved                                  | *             | 0     | 0     |      | 6.01   | mg/L  | 1   | 02/19/2024 12:20 | R343520 |
| <b>SW-846 9040B FIELD</b>                          |               |       |       |      |        |       |     |                  |         |
| pH   | *             | 0     | 1.00  |      | 7.28   |       | 1   | 02/19/2024 12:20 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Bicarbonate (as CaCO3)                 | NELAP         | 0     | 0     |      | 284    | mg/L  | 1   | 02/20/2024 13:50 | R343313 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>          |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Carbonate (as CaCO3)                   | NELAP         | 0     | 0     |      | 0      | mg/L  | 1   | 02/20/2024 13:50 | R343313 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Total Dissolved Solids                             | NELAP         | 40    | 50    |      | 620    | mg/L  | 2.5 | 02/20/2024 13:32 | R343377 |
| <b>SW-846 9036 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Sulfate  | NELAP         | 61    | 100   |      | 199    | mg/L  | 10  | 02/20/2024 19:48 | R343322 |
| <b>SW-846 9214 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Fluoride   | NELAP         | 0.04  | 0.10  |      | 0.46   | mg/L  | 1   | 02/20/2024 12:24 | R343311 |
| <b>SW-846 9251 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Chloride   | NELAP         | 5     | 40    |      | 46     | mg/L  | 10  | 02/20/2024 19:49 | R343325 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>  |               |       |       |      |        |       |     |                  |         |
| Calcium  | NELAP         | 0.035 | 0.100 |      | 71.1   | mg/L  | 1   | 02/21/2024 9:42  | 218955  |
| Magnesium  | NELAP         | 0.006 | 0.050 |      | 34.5   | mg/L  | 1   | 02/21/2024 9:42  | 218955  |
| Potassium  | NELAP         | 0.040 | 0.100 |      | 0.377  | mg/L  | 1   | 02/21/2024 9:42  | 218955  |
| Sodium   | NELAP         | 0.018 | 0.050 |      | 89.8   | mg/L  | 1   | 02/21/2024 9:42  | 218955  |
| <b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b> |               |       |       |      |        |       |     |                  |         |
| Antimony   | NELAP         | 0.7   | 1.0   |      | 2.8    | µg/L  | 5   | 02/23/2024 19:55 | 218955  |
| Arsenic  | NELAP         | 0.4   | 1.0   | J    | 1.0    | µg/L  | 5   | 02/23/2024 19:55 | 218955  |
| Barium   | NELAP         | 0.7   | 1.0   |      | 27.8   | µg/L  | 5   | 02/23/2024 19:55 | 218955  |
| Beryllium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 19:55 | 218955  |
| Boron  | NELAP         | 9.2   | 20.0  |      | 642    | µg/L  | 5   | 02/23/2024 19:55 | 218955  |
| Cadmium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 19:55 | 218955  |
| Chromium   | NELAP         | 0.9   | 1.5   |      | 11.7   | µg/L  | 5   | 02/23/2024 19:55 | 218955  |
| Cobalt   | NELAP         | 0.1   | 1.0   | J    | 0.4    | µg/L  | 5   | 02/23/2024 19:55 | 218955  |
| Lead   | NELAP         | 0.6   | 1.0   |      | 1.6    | µg/L  | 5   | 02/23/2024 19:55 | 218955  |
| Lithium  | *             | 1.4   | 3.0   |      | 3.3    | µg/L  | 5   | 02/23/2024 19:55 | 218955  |
| Molybdenum   | NELAP         | 0.6   | 1.5   | J    | 1.3    | µg/L  | 5   | 02/27/2024 16:37 | 218955  |
| Selenium   | NELAP         | 0.6   | 1.0   | J    | 0.9    | µg/L  | 5   | 02/27/2024 16:37 | 218955  |
| Thallium   | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5   | 02/23/2024 19:55 | 218955  |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-043  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G271  
**Collection Date:** 02/19/2024 12:20

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed    | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                  |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 02/21/2024 16:03 | 218967 |





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

Client: Ramboll  
Client Project: COF-24Q1  
Lab ID: 24020001-045  
Matrix: GROUNDWATER

Work Order: 24020001  
Report Date: 09-Apr-24

Client Sample ID: G273

Collection Date: 02/19/2024 13:18

| Analyses  | Certification | MDL   | RL    | Qual | Result | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-------|-------|------|--------|-------|----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>   |               |       |       |      |        |       |    |                  |         |
| Depth to water from measuring point   | *             | 0     | 0     |      | 10.95  | ft    | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>  |               |       |       |      |        |       |    |                  |         |
| Turbidity   | *             | 1.0   | 1.0   |      | 9.8    | NTU   | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>   |               |       |       |      |        |       |    |                  |         |
| Oxidation-Reduction Potential   | *             | -300  | -300  |      | 151    | mV    | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>  |               |       |       |      |        |       |    |                  |         |
| Spec. Conductance, Field  | *             | 0     | 0     |      | 1680   | µS/cm | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>  |               |       |       |      |        |       |    |                  |         |
| Temperature   | *             | 0     | 0     |      | 13.6   | °C    | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>  |               |       |       |      |        |       |    |                  |         |
| Oxygen, Dissolved   | *             | 0     | 0     |      | 1.76   | mg/L  | 1  | 02/19/2024 13:18 | R343520 |
| <b>SW-846 9040B FIELD</b>   |               |       |       |      |        |       |    |                  |         |
| pH  | *             | 0     | 1.00  |      | 6.99   |       | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>                                     |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )                                       | NELAP         | 0     | 0     |      | 358    | mg/L  | 1  | 02/20/2024 13:56 | R343313 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>   |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Carbonate (as CaCO <sub>3</sub> )   | NELAP         | 0     | 0     |      | 0      | mg/L  | 1  | 02/20/2024 13:56 | R343313 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>                                     |               |       |       |      |        |       |    |                  |         |
| Total Dissolved Solids  | NELAP         | 16    | 20    |      | 1140   | mg/L  | 1  | 02/20/2024 13:32 | R343377 |
| <b>SW-846 9036 (TOTAL)</b>  |               |       |       |      |        |       |    |                  |         |
| Sulfate   | NELAP         | 61    | 100   |      | 487    | mg/L  | 10 | 02/20/2024 20:17 | R343322 |
| <b>SW-846 9214 (TOTAL)</b>  |               |       |       |      |        |       |    |                  |         |
| Fluoride  | NELAP         | 0.04  | 0.10  |      | 0.32   | mg/L  | 1  | 02/20/2024 12:27 | R343311 |
| <b>SW-846 9251 (TOTAL)</b>  |               |       |       |      |        |       |    |                  |         |
| Chloride  | NELAP         | 1     | 8     |      | 67     | mg/L  | 2  | 02/20/2024 20:13 | R343325 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>                                     |               |       |       |      |        |       |    |                  |         |
| Calcium   | NELAP         | 0.035 | 0.100 | S    | 168    | mg/L  | 1  | 02/21/2024 9:43  | 218955  |
| Magnesium   | NELAP         | 0.006 | 0.050 | S    | 84.2   | mg/L  | 1  | 02/21/2024 9:43  | 218955  |
| Potassium   | NELAP         | 0.040 | 0.100 |      | 0.723  | mg/L  | 1  | 02/21/2024 9:43  | 218955  |
| Sodium  | NELAP         | 0.018 | 0.050 | S    | 98.8   | mg/L  | 1  | 02/21/2024 9:43  | 218955  |
| <i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i> |               |       |       |      |        |       |    |                  |         |
| <b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>                                   |               |       |       |      |        |       |    |                  |         |
| Antimony  | NELAP         | 0.7   | 1.0   |      | 1.1    | µg/L  | 5  | 02/23/2024 20:14 | 218955  |
| Arsenic   | NELAP         | 0.4   | 1.0   |      | 2.0    | µg/L  | 5  | 02/23/2024 20:14 | 218955  |
| Barium  | NELAP         | 0.7   | 1.0   |      | 59.2   | µg/L  | 5  | 02/23/2024 20:14 | 218955  |
| Beryllium   | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/23/2024 20:14 | 218955  |
| Boron   | NELAP         | 9.2   | 20.0  |      | 92.5   | µg/L  | 5  | 02/23/2024 20:14 | 218955  |
| Cadmium   | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/23/2024 20:14 | 218955  |
| Chromium  | NELAP         | 0.9   | 1.5   |      | 3.8    | µg/L  | 5  | 02/23/2024 20:14 | 218955  |
| Cobalt  | NELAP         | 0.1   | 1.0   | J    | 1.0    | µg/L  | 5  | 02/23/2024 20:14 | 218955  |
| Lead  | NELAP         | 0.6   | 1.0   |      | 1.2    | µg/L  | 5  | 02/23/2024 20:14 | 218955  |
| Lithium   | *             | 1.4   | 3.0   |      | 8.5    | µg/L  | 5  | 02/23/2024 20:14 | 218955  |
| Molybdenum  | NELAP         | 0.6   | 1.5   | J    | 0.8    | µg/L  | 5  | 02/27/2024 17:06 | 218955  |
| Selenium  | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/27/2024 17:06 | 218955  |
| Thallium  | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5  | 02/23/2024 20:14 | 218955  |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-045  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G273  
**Collection Date:** 02/19/2024 13:18

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed    | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                  |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 02/21/2024 16:12 | 218967 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

Client: Ramboll  
Client Project: COF-24Q1  
Lab ID: 24020001-047  
Matrix: GROUNDWATER

Work Order: 24020001  
Report Date: 09-Apr-24

Client Sample ID: G275

Collection Date: 02/19/2024 14:21

| Analyses   | Certification | MDL   | RL    | Qual | Result | Units | DF | Date Analyzed    | Batch   |
|--|---------------|-------|-------|------|--------|-------|----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                  |               |       |       |      |        |       |    |                  |         |
| Depth to water from measuring point                  | *             | 0     | 0     |      | 13.35  | ft    | 1  | 02/19/2024 14:21 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>                 |               |       |       |      |        |       |    |                  |         |
| Turbidity  | *             | 1.0   | 1.0   |      | 5.7    | NTU   | 1  | 02/19/2024 14:21 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>        |               |       |       |      |        |       |    |                  |         |
| Oxidation-Reduction Potential                        | *             | -300  | -300  |      | 134    | mV    | 1  | 02/19/2024 14:21 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>                 |               |       |       |      |        |       |    |                  |         |
| Spec. Conductance, Field                             | *             | 0     | 0     |      | 1410   | µS/cm | 1  | 02/19/2024 14:21 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>                 |               |       |       |      |        |       |    |                  |         |
| Temperature  | *             | 0     | 0     |      | 12.9   | °C    | 1  | 02/19/2024 14:21 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>               |               |       |       |      |        |       |    |                  |         |
| Oxygen, Dissolved                                    | *             | 0     | 0     |      | 4.06   | mg/L  | 1  | 02/19/2024 14:21 | R343520 |
| <b>SW-846 9040B FIELD</b>                            |               |       |       |      |        |       |    |                  |         |
| pH   | *             | 0     | 1.00  |      | 6.95   |       | 1  | 02/19/2024 14:21 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>    |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )      | NELAP         | 0     | 0     |      | 356    | mg/L  | 1  | 02/20/2024 14:04 | R343313 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>            |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Carbonate (as CaCO <sub>3</sub> )        | NELAP         | 0     | 0     |      | 0      | mg/L  | 1  | 02/20/2024 14:04 | R343313 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>    |               |       |       |      |        |       |    |                  |         |
| Total Dissolved Solids                               | NELAP         | 16    | 20    | H    | 1010   | mg/L  | 1  | 03/08/2024 13:34 | R344178 |
| <i>Sample required re-analysis out of hold time.</i> |               |       |       |      |        |       |    |                  |         |
| <b>SW-846 9036 (TOTAL)</b>                           |               |       |       |      |        |       |    |                  |         |
| Sulfate  | NELAP         | 61    | 100   |      | 450    | mg/L  | 10 | 02/20/2024 20:34 | R343322 |
| <b>SW-846 9214 (TOTAL)</b>                           |               |       |       |      |        |       |    |                  |         |
| Fluoride   | NELAP         | 0.04  | 0.10  |      | 0.32   | mg/L  | 1  | 02/20/2024 14:23 | R343311 |
| <b>SW-846 9251 (TOTAL)</b>                           |               |       |       |      |        |       |    |                  |         |
| Chloride   | NELAP         | 1     | 4     |      | 16     | mg/L  | 1  | 02/20/2024 20:29 | R343325 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>    |               |       |       |      |        |       |    |                  |         |
| Calcium  | NELAP         | 0.035 | 0.100 |      | 172    | mg/L  | 1  | 02/21/2024 9:45  | 218955  |
| Magnesium  | NELAP         | 0.006 | 0.050 |      | 73.0   | mg/L  | 1  | 02/21/2024 9:45  | 218955  |
| Potassium  | NELAP         | 0.040 | 0.100 |      | 0.427  | mg/L  | 1  | 02/21/2024 9:45  | 218955  |
| Sodium   | NELAP         | 0.018 | 0.050 |      | 62.7   | mg/L  | 1  | 02/21/2024 9:45  | 218955  |
| <b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b>   |               |       |       |      |        |       |    |                  |         |
| Antimony   | NELAP         | 0.7   | 1.0   |      | 2.1    | µg/L  | 5  | 02/23/2024 20:58 | 218955  |
| Arsenic  | NELAP         | 0.4   | 1.0   | J    | 0.8    | µg/L  | 5  | 02/23/2024 20:58 | 218955  |
| Barium   | NELAP         | 0.7   | 1.0   |      | 45.4   | µg/L  | 5  | 02/23/2024 20:58 | 218955  |
| Beryllium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/23/2024 20:58 | 218955  |
| Boron  | NELAP         | 9.2   | 20.0  |      | 3360   | µg/L  | 5  | 02/23/2024 20:58 | 218955  |
| Cadmium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/23/2024 20:58 | 218955  |
| Chromium   | NELAP         | 0.9   | 1.5   |      | 2.1    | µg/L  | 5  | 02/23/2024 20:58 | 218955  |
| Cobalt   | NELAP         | 0.1   | 1.0   | J    | 0.4    | µg/L  | 5  | 02/23/2024 20:58 | 218955  |
| Lead   | NELAP         | 0.6   | 1.0   | J    | 0.6    | µg/L  | 5  | 02/23/2024 20:58 | 218955  |
| Lithium  | *             | 1.4   | 3.0   |      | 9.3    | µg/L  | 5  | 02/23/2024 20:58 | 218955  |
| Molybdenum   | NELAP         | 0.6   | 1.5   |      | < 1.5  | µg/L  | 5  | 02/27/2024 16:55 | 218955  |
| Selenium   | NELAP         | 0.6   | 1.0   | J    | 0.7    | µg/L  | 5  | 02/27/2024 16:55 | 218955  |
| Thallium   | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5  | 02/23/2024 20:58 | 218955  |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-047  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G275  
**Collection Date:** 02/19/2024 14:21

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed    | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                  |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 02/21/2024 16:26 | 218967 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

Client: Ramboll  
Client Project: COF-24Q1  
Lab ID: 24020001-048  
Matrix: GROUNDWATER

Work Order: 24020001  
Report Date: 09-Apr-24  
Client Sample ID: G275D  
Collection Date: 02/19/2024 14:05

| Analyses  | Certification | MDL   | RL    | Qual | Result | Units | DF  | Date Analyzed    | Batch   |
|---|---------------|-------|-------|------|--------|-------|-----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                     |               |       |       |      |        |       |     |                  |         |
| Depth to water from measuring point                     | *             | 0     | 0     |      | 38.99  | ft    | 1   | 02/19/2024 14:05 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>                    |               |       |       |      |        |       |     |                  |         |
| Turbidity   | *             | 1.0   | 1.0   |      | 13     | NTU   | 1   | 02/19/2024 14:05 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>           |               |       |       |      |        |       |     |                  |         |
| Oxidation-Reduction Potential                           | *             | -300  | -300  |      | 130    | mV    | 1   | 02/19/2024 14:05 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>                    |               |       |       |      |        |       |     |                  |         |
| Spec. Conductance, Field                                | *             | 0     | 0     |      | 1500   | µS/cm | 1   | 02/19/2024 14:05 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>                    |               |       |       |      |        |       |     |                  |         |
| Temperature   | *             | 0     | 0     |      | 13.8   | °C    | 1   | 02/19/2024 14:05 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>                  |               |       |       |      |        |       |     |                  |         |
| Oxygen, Dissolved                                       | *             | 0     | 0     |      | 1.91   | mg/L  | 1   | 02/19/2024 14:05 | R343520 |
| <b>SW-846 9040B FIELD</b>                               |               |       |       |      |        |       |     |                  |         |
| pH  | *             | 0     | 1.00  |      | 7.19   |       | 1   | 02/19/2024 14:05 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>       |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )         | NELAP         | 0     | 0     |      | 742    | mg/L  | 1   | 02/20/2024 14:10 | R343313 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>               |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Carbonate (as CaCO <sub>3</sub> )           | NELAP         | 0     | 0     |      | 0      | mg/L  | 1   | 02/20/2024 14:10 | R343313 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>       |               |       |       |      |        |       |     |                  |         |
| Total Dissolved Solids                                  | NELAP         | 40    | 50    |      | 465    | mg/L  | 2.5 | 02/20/2024 13:48 | R343377 |
| <b>SW-846 9036 (TOTAL)</b>                              |               |       |       |      |        |       |     |                  |         |
| Sulfate   | NELAP         | 61    | 100   |      | 119    | mg/L  | 10  | 02/20/2024 20:41 | R343322 |
| <b>SW-846 9060A</b>                                     |               |       |       |      |        |       |     |                  |         |
| Dissolved Organic Carbon                                | NELAP         | 0.9   | 2.0   |      | 10.4   | mg/L  | 2   | 02/29/2024 12:40 | R343771 |
| <b>SW-846 9214 (TOTAL)</b>                              |               |       |       |      |        |       |     |                  |         |
| Fluoride  | NELAP         | 0.04  | 0.10  |      | 0.48   | mg/L  | 1   | 02/20/2024 14:25 | R343311 |
| <b>SW-846 9251 (TOTAL)</b>                              |               |       |       |      |        |       |     |                  |         |
| Chloride  | NELAP         | 1     | 4     |      | 20     | mg/L  | 1   | 02/20/2024 20:37 | R343325 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>       |               |       |       |      |        |       |     |                  |         |
| Calcium   | NELAP         | 0.035 | 0.100 |      | 150    | mg/L  | 1   | 02/21/2024 9:46  | 218955  |
| Magnesium   | NELAP         | 0.006 | 0.050 |      | 59.1   | mg/L  | 1   | 02/21/2024 9:46  | 218955  |
| Potassium   | NELAP         | 0.040 | 0.100 |      | 2.75   | mg/L  | 1   | 02/21/2024 9:46  | 218955  |
| Sodium  | NELAP         | 0.018 | 0.050 |      | 110    | mg/L  | 1   | 02/21/2024 9:46  | 218955  |
| <b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b> |               |       |       |      |        |       |     |                  |         |
| Arsenic   | NELAP         | 0.4   | 1.0   |      | 6.5    | µg/L  | 5   | 02/23/2024 17:44 | 218972  |
| Iron  | NELAP         | 11.5  | 25.0  |      | 1130   | µg/L  | 5   | 02/23/2024 17:44 | 218972  |
| <b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>     |               |       |       |      |        |       |     |                  |         |
| Antimony  | NELAP         | 0.7   | 1.0   |      | 1.1    | µg/L  | 5   | 02/23/2024 21:04 | 218955  |
| Arsenic   | NELAP         | 0.4   | 1.0   |      | 17.4   | µg/L  | 5   | 02/23/2024 21:04 | 218955  |
| Barium  | NELAP         | 0.7   | 1.0   |      | 572    | µg/L  | 5   | 02/23/2024 21:04 | 218955  |
| Beryllium   | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 21:04 | 218955  |
| Boron   | NELAP         | 9.2   | 20.0  |      | 211    | µg/L  | 5   | 02/23/2024 21:04 | 218955  |
| Cadmium   | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 21:04 | 218955  |
| Chromium  | NELAP         | 0.9   | 1.5   |      | 1.9    | µg/L  | 5   | 02/23/2024 21:04 | 218955  |
| Cobalt  | NELAP         | 0.1   | 1.0   | J    | 0.8    | µg/L  | 5   | 02/23/2024 21:04 | 218955  |
| Lead  | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 21:04 | 218955  |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-048  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G275D  
**Collection Date:** 02/19/2024 14:05

| Analyses  | Certification | MDL  | RL   | Qual | Result           | Units | DF | Date Analyzed    | Batch  |
|---|---------------|------|------|------|------------------|-------|----|------------------|--------|
| <b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b> |               |      |      |      |                  |       |    |                  |        |
| Lithium   | *             | 1.4  | 3.0  |      | <b>3.5</b>       | µg/L  | 5  | 02/23/2024 21:04 | 218955 |
| Molybdenum  | NELAP         | 0.6  | 1.5  | J    | <b>1.4</b>       | µg/L  | 5  | 02/27/2024 17:00 | 218955 |
| Selenium  | NELAP         | 0.6  | 1.0  |      | <b>&lt; 1.0</b>  | µg/L  | 5  | 02/27/2024 17:00 | 218955 |
| Thallium  | NELAP         | 1.0  | 2.0  |      | <b>&lt; 2.0</b>  | µg/L  | 5  | 02/23/2024 21:04 | 218955 |
| <b>SW-846 7470A (TOTAL)</b>                         |               |      |      |      |                  |       |    |                  |        |
| Mercury   | NELAP         | 0.06 | 0.20 |      | <b>&lt; 0.20</b> | µg/L  | 1  | 02/21/2024 16:30 | 218967 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104  
<http://www.teklabinc.com/>

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-049  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24

**Client Sample ID:** G276

**Collection Date:** 02/20/2024 9:21

| Analyses   | Certification | MDL   | RL    | Qual | Result | Units | DF  | Date Analyzed    | Batch   |
|--|---------------|-------|-------|------|--------|-------|-----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                |               |       |       |      |        |       |     |                  |         |
| Depth to water from measuring point                | *             | 0     | 0     |      | 27.70  | ft    | 1   | 02/20/2024 9:21  | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Turbidity  | *             | 1.0   | 1.0   |      | 17     | NTU   | 1   | 02/20/2024 9:21  | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>      |               |       |       |      |        |       |     |                  |         |
| Oxidation-Reduction Potential                      | *             | -300  | -300  |      | 174    | mV    | 1   | 02/20/2024 9:21  | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Spec. Conductance, Field                           | *             | 0     | 0     |      | 1350   | µS/cm | 1   | 02/20/2024 9:21  | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Temperature  | *             | 0     | 0     |      | 12.2   | °C    | 1   | 02/20/2024 9:21  | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>             |               |       |       |      |        |       |     |                  |         |
| Oxygen, Dissolved                                  | *             | 0     | 0     |      | 5.92   | mg/L  | 1   | 02/20/2024 9:21  | R343520 |
| <b>SW-846 9040B FIELD</b>                          |               |       |       |      |        |       |     |                  |         |
| pH   | *             | 0     | 1.00  |      | 6.68   |       | 1   | 02/20/2024 9:21  | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Bicarbonate (as CaCO3)                 | NELAP         | 0     | 0     |      | 479    | mg/L  | 1   | 02/22/2024 12:11 | R343460 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>          |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Carbonate (as CaCO3)                   | NELAP         | 0     | 0     |      | 0      | mg/L  | 1   | 02/22/2024 12:11 | R343460 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Total Dissolved Solids                             | NELAP         | 40    | 50    |      | 875    | mg/L  | 2.5 | 02/22/2024 9:50  | R343489 |
| <b>SW-846 9036 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Sulfate  | NELAP         | 61    | 100   |      | 253    | mg/L  | 10  | 02/21/2024 14:53 | R343392 |
| <b>SW-846 9214 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Fluoride   | NELAP         | 0.04  | 0.10  |      | 0.36   | mg/L  | 1   | 02/23/2024 11:31 | R343485 |
| <b>SW-846 9251 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Chloride   | NELAP         | 1     | 4     |      | 34     | mg/L  | 1   | 02/21/2024 14:49 | R343402 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>  |               |       |       |      |        |       |     |                  |         |
| Calcium  | NELAP         | 0.035 | 0.100 |      | 150    | mg/L  | 1   | 02/22/2024 18:02 | 219022  |
| Magnesium  | NELAP         | 0.006 | 0.050 |      | 69.4   | mg/L  | 1   | 02/22/2024 18:02 | 219022  |
| Potassium  | NELAP         | 0.040 | 0.100 |      | 1.13   | mg/L  | 1   | 02/22/2024 18:02 | 219022  |
| Sodium   | NELAP         | 0.018 | 0.050 |      | 81.7   | mg/L  | 1   | 02/22/2024 18:02 | 219022  |
| <b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b> |               |       |       |      |        |       |     |                  |         |
| Antimony   | NELAP         | 0.4   | 1.0   | BJ   | 0.5    | µg/L  | 5   | 02/27/2024 19:42 | 219022  |
| Arsenic  | NELAP         | 0.4   | 1.0   |      | 1.5    | µg/L  | 5   | 02/23/2024 23:08 | 219022  |
| Barium   | NELAP         | 0.7   | 1.0   |      | 348    | µg/L  | 5   | 02/23/2024 23:08 | 219022  |
| Beryllium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 23:08 | 219022  |
| Boron  | NELAP         | 9.2   | 20.0  |      | 59.9   | µg/L  | 5   | 02/27/2024 19:42 | 219022  |
| Cadmium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 23:08 | 219022  |
| Chromium   | NELAP         | 0.8   | 1.5   |      | 6.9    | µg/L  | 5   | 02/23/2024 23:08 | 219022  |
| Cobalt   | NELAP         | 0.1   | 1.0   | J    | 0.8    | µg/L  | 5   | 02/23/2024 23:08 | 219022  |
| Lead   | NELAP         | 0.6   | 1.0   |      | 2.7    | µg/L  | 5   | 02/23/2024 23:08 | 219022  |
| Lithium  | *             | 1.4   | 3.0   |      | 12.8   | µg/L  | 5   | 02/23/2024 23:08 | 219022  |
| Molybdenum   | NELAP         | 0.6   | 1.5   |      | 2.5    | µg/L  | 5   | 02/27/2024 19:42 | 219022  |
| Selenium   | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/27/2024 19:42 | 219022  |
| Thallium   | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5   | 02/23/2024 23:08 | 219022  |

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-049  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G276  
**Collection Date:** 02/20/2024 9:21

| Analyses                    | Certification | MDL  | RL   | Qual | Result      | Units | DF | Date Analyzed    | Batch  |
|-----------------------------|---------------|------|------|------|-------------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |             |       |    |                  |        |
| Mercury                     | NELAP         | 0.06 | 0.20 | J    | <b>0.16</b> | µg/L  | 1  | 02/22/2024 14:56 | 218998 |





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104  
<http://www.teklabinc.com/>

Client: Ramboll  
 Client Project: COF-24Q1  
 Lab ID: 24020001-050  
 Matrix: GROUNDWATER

Work Order: 24020001  
 Report Date: 09-Apr-24

Client Sample ID: G277  
 Collection Date: 02/20/2024 9:40

| Analyses   | Certification | MDL   | RL    | Qual | Result | Units | DF  | Date Analyzed    | Batch   |
|--|---------------|-------|-------|------|--------|-------|-----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                |               |       |       |      |        |       |     |                  |         |
| Depth to water from measuring point                | *             | 0     | 0     |      | 20.26  | ft    | 1   | 02/20/2024 9:40  | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Turbidity  | *             | 1.0   | 1.0   |      | 12     | NTU   | 1   | 02/20/2024 9:40  | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>      |               |       |       |      |        |       |     |                  |         |
| Oxidation-Reduction Potential                      | *             | -300  | -300  |      | 173    | mV    | 1   | 02/20/2024 9:40  | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Spec. Conductance, Field                           | *             | 0     | 0     |      | 1910   | µS/cm | 1   | 02/20/2024 9:40  | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Temperature  | *             | 0     | 0     |      | 12.4   | °C    | 1   | 02/20/2024 9:40  | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>             |               |       |       |      |        |       |     |                  |         |
| Oxygen, Dissolved                                  | *             | 0     | 0     |      | 4.41   | mg/L  | 1   | 02/20/2024 9:40  | R343520 |
| <b>SW-846 9040B FIELD</b>                          |               |       |       |      |        |       |     |                  |         |
| pH   | *             | 0     | 1.00  |      | 6.65   |       | 1   | 02/20/2024 9:40  | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Bicarbonate (as CaCO3)                 | NELAP         | 0     | 0     |      | 390    | mg/L  | 1   | 02/22/2024 17:04 | R343460 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>          |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Carbonate (as CaCO3)                   | NELAP         | 0     | 0     |      | 0      | mg/L  | 1   | 02/22/2024 17:04 | R343460 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Total Dissolved Solids                             | NELAP         | 40    | 50    |      | 1320   | mg/L  | 2.5 | 02/26/2024 11:45 | R343638 |
| <b>SW-846 9036 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Sulfate  | NELAP         | 307   | 500   |      | 611    | mg/L  | 50  | 02/22/2024 15:23 | R343452 |
| <b>SW-846 9214 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Fluoride   | NELAP         | 0.04  | 0.10  |      | 0.27   | mg/L  | 1   | 02/23/2024 11:42 | R343485 |
| <b>SW-846 9251 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Chloride   | NELAP         | 5     | 40    |      | 117    | mg/L  | 10  | 02/21/2024 15:02 | R343402 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>  |               |       |       |      |        |       |     |                  |         |
| Calcium  | NELAP         | 0.035 | 0.100 |      | 235    | mg/L  | 1   | 02/22/2024 18:04 | 219022  |
| Magnesium  | NELAP         | 0.006 | 0.050 |      | 101    | mg/L  | 1   | 02/22/2024 18:04 | 219022  |
| Potassium  | NELAP         | 0.040 | 0.100 |      | 0.739  | mg/L  | 1   | 02/22/2024 18:04 | 219022  |
| Sodium   | NELAP         | 0.018 | 0.050 |      | 72.8   | mg/L  | 1   | 02/22/2024 18:04 | 219022  |
| <b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b> |               |       |       |      |        |       |     |                  |         |
| Antimony   | NELAP         | 0.4   | 1.0   | B    | < 1.0  | µg/L  | 5   | 02/27/2024 19:48 | 219022  |
| Arsenic  | NELAP         | 0.4   | 1.0   | J    | 0.7    | µg/L  | 5   | 02/23/2024 23:58 | 219022  |
| Barium   | NELAP         | 0.7   | 1.0   |      | 47.3   | µg/L  | 5   | 02/23/2024 23:58 | 219022  |
| Beryllium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 23:58 | 219022  |
| Boron  | NELAP         | 9.2   | 20.0  |      | 116    | µg/L  | 5   | 02/27/2024 19:48 | 219022  |
| Cadmium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 23:58 | 219022  |
| Chromium   | NELAP         | 0.8   | 1.5   |      | 1.7    | µg/L  | 5   | 02/23/2024 23:58 | 219022  |
| Cobalt   | NELAP         | 0.1   | 1.0   | J    | 0.1    | µg/L  | 5   | 02/23/2024 23:58 | 219022  |
| Lead   | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 23:58 | 219022  |
| Lithium  | *             | 1.4   | 3.0   |      | 9.4    | µg/L  | 5   | 02/23/2024 23:58 | 219022  |
| Molybdenum   | NELAP         | 0.6   | 1.5   | J    | 0.8    | µg/L  | 5   | 02/27/2024 19:48 | 219022  |
| Selenium   | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/27/2024 19:48 | 219022  |
| Thallium   | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5   | 02/23/2024 23:58 | 219022  |

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-050  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G277  
**Collection Date:** 02/20/2024 9:40

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed    | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                  |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 02/22/2024 15:00 | 218998 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-052  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24

**Client Sample ID:** G279

**Collection Date:** 02/20/2024 10:25

| Analyses  | Certification | MDL   | RL    | Qual | Result | Units | DF  | Date Analyzed    | Batch   |
|---|---------------|-------|-------|------|--------|-------|-----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>   |               |       |       |      |        |       |     |                  |         |
| Depth to water from measuring point   | *             | 0     | 0     |      | 24.63  | ft    | 1   | 02/20/2024 10:25 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>  |               |       |       |      |        |       |     |                  |         |
| Turbidity   | *             | 1.0   | 1.0   |      | 4.7    | NTU   | 1   | 02/20/2024 10:25 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>   |               |       |       |      |        |       |     |                  |         |
| Oxidation-Reduction Potential   | *             | -300  | -300  |      | 174    | mV    | 1   | 02/20/2024 10:25 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>  |               |       |       |      |        |       |     |                  |         |
| Spec. Conductance, Field  | *             | 0     | 0     |      | 5990   | µS/cm | 1   | 02/20/2024 10:25 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>  |               |       |       |      |        |       |     |                  |         |
| Temperature   | *             | 0     | 0     |      | 14.3   | °C    | 1   | 02/20/2024 10:25 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>  |               |       |       |      |        |       |     |                  |         |
| Oxygen, Dissolved   | *             | 0     | 0     |      | 3.65   | mg/L  | 1   | 02/20/2024 10:25 | R343520 |
| <b>SW-846 9040B FIELD</b>   |               |       |       |      |        |       |     |                  |         |
| pH  | *             | 0     | 1.00  |      | 6.75   |       | 1   | 02/20/2024 10:25 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>                                     |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )                                       | NELAP         | 0     | 0     |      | 349    | mg/L  | 1   | 02/22/2024 12:23 | R343460 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>   |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Carbonate (as CaCO <sub>3</sub> )   | NELAP         | 0     | 0     |      | 0      | mg/L  | 1   | 02/22/2024 12:23 | R343460 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>                                     |               |       |       |      |        |       |     |                  |         |
| Total Dissolved Solids  | NELAP         | 40    | 50    |      | 4870   | mg/L  | 2.5 | 02/26/2024 11:47 | R343638 |
| <b>SW-846 9036 (TOTAL)</b>  |               |       |       |      |        |       |     |                  |         |
| Sulfate   | NELAP         | 614   | 1000  |      | 2600   | mg/L  | 100 | 02/21/2024 15:10 | R343392 |
| <b>SW-846 9214 (TOTAL)</b>  |               |       |       |      |        |       |     |                  |         |
| Fluoride  | NELAP         | 0.04  | 0.10  |      | 0.34   | mg/L  | 1   | 02/23/2024 11:44 | R343485 |
| <b>SW-846 9251 (TOTAL)</b>  |               |       |       |      |        |       |     |                  |         |
| Chloride  | NELAP         | 10    | 80    |      | 426    | mg/L  | 20  | 02/21/2024 15:05 | R343402 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>                                     |               |       |       |      |        |       |     |                  |         |
| Calcium   | NELAP         | 0.035 | 0.100 | S    | 569    | mg/L  | 1   | 02/22/2024 18:05 | 219022  |
| Magnesium   | NELAP         | 0.006 | 0.050 | S    | 424    | mg/L  | 1   | 02/22/2024 18:05 | 219022  |
| Potassium   | NELAP         | 0.040 | 0.100 |      | 1.67   | mg/L  | 1   | 02/22/2024 18:05 | 219022  |
| Sodium  | NELAP         | 0.018 | 0.050 | S    | 237    | mg/L  | 1   | 02/22/2024 18:05 | 219022  |
| <i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i> |               |       |       |      |        |       |     |                  |         |
| <b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>                                   |               |       |       |      |        |       |     |                  |         |
| Antimony  | NELAP         | 0.4   | 1.0   | B    | < 1.0  | µg/L  | 5   | 02/27/2024 20:00 | 219022  |
| Arsenic   | NELAP         | 0.4   | 1.0   | J    | 0.9    | µg/L  | 5   | 02/23/2024 23:15 | 219022  |
| Barium  | NELAP         | 0.7   | 1.0   |      | 36.0   | µg/L  | 5   | 02/23/2024 23:15 | 219022  |
| Beryllium   | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 23:15 | 219022  |
| Boron   | NELAP         | 9.2   | 20.0  |      | 3560   | µg/L  | 5   | 02/27/2024 20:00 | 219022  |
| Cadmium   | NELAP         | 0.2   | 1.0   | J    | 0.2    | µg/L  | 5   | 02/23/2024 23:15 | 219022  |
| Chromium  | NELAP         | 0.8   | 1.5   | J    | 1.5    | µg/L  | 5   | 02/23/2024 23:15 | 219022  |
| Cobalt  | NELAP         | 0.1   | 1.0   | J    | 0.2    | µg/L  | 5   | 02/23/2024 23:15 | 219022  |
| Lead  | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/23/2024 23:15 | 219022  |
| Lithium   | *             | 1.4   | 3.0   |      | 14.1   | µg/L  | 5   | 02/23/2024 23:15 | 219022  |
| Molybdenum  | NELAP         | 0.6   | 1.5   | J    | 0.6    | µg/L  | 5   | 02/27/2024 20:00 | 219022  |
| Selenium  | NELAP         | 0.6   | 1.0   |      | 1.1    | µg/L  | 5   | 02/27/2024 20:00 | 219022  |
| Thallium  | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5   | 02/23/2024 23:15 | 219022  |

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-052  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G279  
**Collection Date:** 02/20/2024 10:25

| Analyses   | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed    | Batch  |
|--|---------------|------|------|------|--------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b>  |               |      |      |      |        |       |    |                  |        |
| Mercury  | NELAP         | 0.06 | 0.20 | S    | < 0.20 | µg/L  | 1  | 02/29/2024 18:19 | 219289 |
| <i>Matrix spike did not recover within control limits due to sample composition. Verified by re-prep and re-analysis</i> |               |      |      |      |        |       |    |                  |        |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104  
<http://www.teklabinc.com/>

Client: Ramboll  
 Client Project: COF-24Q1  
 Lab ID: 24020001-053  
 Matrix: GROUNDWATER

Work Order: 24020001  
 Report Date: 09-Apr-24

Client Sample ID: G280  
 Collection Date: 02/20/2024 11:10

| Analyses   | Certification | MDL   | RL    | Qual | Result | Units | DF  | Date Analyzed    | Batch   |
|--|---------------|-------|-------|------|--------|-------|-----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                |               |       |       |      |        |       |     |                  |         |
| Depth to water from measuring point                | *             | 0     | 0     |      | 6.40   | ft    | 1   | 02/20/2024 11:10 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Turbidity  | *             | 1.0   | 1.0   |      | 27     | NTU   | 1   | 02/20/2024 11:10 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>      |               |       |       |      |        |       |     |                  |         |
| Oxidation-Reduction Potential                      | *             | -300  | -300  |      | 136    | mV    | 1   | 02/20/2024 11:10 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Spec. Conductance, Field                           | *             | 0     | 0     |      | 883    | µS/cm | 1   | 02/20/2024 11:10 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Temperature  | *             | 0     | 0     |      | 12.2   | °C    | 1   | 02/20/2024 11:10 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>             |               |       |       |      |        |       |     |                  |         |
| Oxygen, Dissolved                                  | *             | 0     | 0     |      | 3.51   | mg/L  | 1   | 02/20/2024 11:10 | R343520 |
| <b>SW-846 9040B FIELD</b>                          |               |       |       |      |        |       |     |                  |         |
| pH   | *             | 0     | 1.00  |      | 7.36   |       | 1   | 02/20/2024 11:10 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Bicarbonate (as CaCO3)                 | NELAP         | 0     | 0     |      | 270    | mg/L  | 1   | 02/22/2024 12:28 | R343460 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>          |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Carbonate (as CaCO3)                   | NELAP         | 0     | 0     |      | 0      | mg/L  | 1   | 02/22/2024 12:28 | R343460 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Total Dissolved Solids                             | NELAP         | 40    | 50    |      | 530    | mg/L  | 2.5 | 02/26/2024 11:47 | R343638 |
| <b>SW-846 9036 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Sulfate  | NELAP         | 31    | 50    |      | 101    | mg/L  | 5   | 02/21/2024 15:18 | R343392 |
| <b>SW-846 9214 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Fluoride   | NELAP         | 0.04  | 0.10  |      | 0.29   | mg/L  | 1   | 02/23/2024 11:45 | R343485 |
| <b>SW-846 9251 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Chloride   | NELAP         | 2     | 20    |      | 72     | mg/L  | 5   | 02/21/2024 15:18 | R343402 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>  |               |       |       |      |        |       |     |                  |         |
| Calcium  | NELAP         | 0.035 | 0.100 |      | 80.4   | mg/L  | 1   | 02/22/2024 18:10 | 219022  |
| Magnesium  | NELAP         | 0.006 | 0.050 |      | 38.3   | mg/L  | 1   | 02/22/2024 18:10 | 219022  |
| Potassium  | NELAP         | 0.040 | 0.100 |      | 0.828  | mg/L  | 1   | 02/22/2024 18:10 | 219022  |
| Sodium   | NELAP         | 0.018 | 0.050 |      | 52.6   | mg/L  | 1   | 02/22/2024 18:10 | 219022  |
| <b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b> |               |       |       |      |        |       |     |                  |         |
| Antimony   | NELAP         | 0.4   | 1.0   | B    | < 1.0  | µg/L  | 5   | 02/27/2024 19:54 | 219022  |
| Arsenic  | NELAP         | 0.4   | 1.0   | J    | 0.9    | µg/L  | 5   | 02/24/2024 0:05  | 219022  |
| Barium   | NELAP         | 0.7   | 1.0   |      | 64.1   | µg/L  | 5   | 02/24/2024 0:05  | 219022  |
| Beryllium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/24/2024 0:05  | 219022  |
| Boron  | NELAP         | 9.2   | 20    | J    | 19     | µg/L  | 5   | 02/27/2024 19:54 | 219022  |
| Cadmium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/24/2024 0:05  | 219022  |
| Chromium   | NELAP         | 0.8   | 1.5   |      | 3.0    | µg/L  | 5   | 02/24/2024 0:05  | 219022  |
| Cobalt   | NELAP         | 0.1   | 1.0   | J    | 0.6    | µg/L  | 5   | 02/24/2024 0:05  | 219022  |
| Lead   | NELAP         | 0.6   | 1.0   |      | 1.1    | µg/L  | 5   | 02/24/2024 0:05  | 219022  |
| Lithium  | *             | 1.4   | 3.0   |      | 5.0    | µg/L  | 5   | 02/24/2024 0:05  | 219022  |
| Molybdenum   | NELAP         | 0.6   | 1.5   | J    | 1.2    | µg/L  | 5   | 02/27/2024 19:54 | 219022  |
| Selenium   | NELAP         | 0.6   | 1.0   | J    | 0.7    | µg/L  | 5   | 02/27/2024 19:54 | 219022  |
| Thallium   | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5   | 02/24/2024 0:05  | 219022  |

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-053  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G280  
**Collection Date:** 02/20/2024 11:10

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed    | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                  |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 02/29/2024 18:31 | 219289 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

Client: Ramboll  
Client Project: COF-24Q1  
Lab ID: 24020001-055  
Matrix: GROUNDWATER

Work Order: 24020001  
Report Date: 09-Apr-24

Client Sample ID: G283

Collection Date: 02/21/2024 10:11

| Analyses   | Certification | MDL   | RL    | Qual | Result | Units | DF  | Date Analyzed    | Batch   |
|--|---------------|-------|-------|------|--------|-------|-----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                |               |       |       |      |        |       |     |                  |         |
| Depth to water from measuring point                | *             | 0     | 0     |      | 5.30   | ft    | 1   | 02/21/2024 10:11 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Turbidity  | *             | 1.0   | 1.0   |      | 23     | NTU   | 1   | 02/21/2024 10:11 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>      |               |       |       |      |        |       |     |                  |         |
| Oxidation-Reduction Potential                      | *             | -300  | -300  |      | 156    | mV    | 1   | 02/21/2024 10:11 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Spec. Conductance, Field                           | *             | 0     | 0     |      | 1270   | µS/cm | 1   | 02/21/2024 10:11 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Temperature  | *             | 0     | 0     |      | 11.1   | °C    | 1   | 02/21/2024 10:11 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>             |               |       |       |      |        |       |     |                  |         |
| Oxygen, Dissolved                                  | *             | 0     | 0     |      | 1.01   | mg/L  | 1   | 02/21/2024 10:11 | R343520 |
| <b>SW-846 9040B FIELD</b>                          |               |       |       |      |        |       |     |                  |         |
| pH   | *             | 0     | 1.00  |      | 6.88   |       | 1   | 02/21/2024 10:11 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )    | NELAP         | 0     | 0     |      | 420    | mg/L  | 1   | 02/22/2024 17:15 | R343460 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>          |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Carbonate (as CaCO <sub>3</sub> )      | NELAP         | 0     | 0     |      | 0      | mg/L  | 1   | 02/22/2024 17:15 | R343460 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Total Dissolved Solids                             | NELAP         | 40    | 50    |      | 805    | mg/L  | 2.5 | 02/26/2024 12:19 | R343638 |
| <b>SW-846 9036 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Sulfate  | NELAP         | 61    | 100   |      | 258    | mg/L  | 10  | 02/22/2024 16:56 | R343452 |
| <b>SW-846 9214 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Fluoride   | NELAP         | 0.04  | 0.10  |      | 0.33   | mg/L  | 1   | 02/23/2024 11:47 | R343485 |
| <b>SW-846 9251 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Chloride   | NELAP         | 1     | 8     |      | 40     | mg/L  | 2   | 02/22/2024 16:51 | R343454 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>  |               |       |       |      |        |       |     |                  |         |
| Calcium  | NELAP         | 0.035 | 0.100 |      | 141    | mg/L  | 1   | 02/22/2024 18:19 | 219022  |
| Magnesium  | NELAP         | 0.006 | 0.050 |      | 69.6   | mg/L  | 1   | 02/22/2024 18:19 | 219022  |
| Potassium  | NELAP         | 0.040 | 0.100 |      | 1.15   | mg/L  | 1   | 02/22/2024 18:19 | 219022  |
| Sodium   | NELAP         | 0.018 | 0.050 |      | 52.0   | mg/L  | 1   | 02/22/2024 18:19 | 219022  |
| <b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b> |               |       |       |      |        |       |     |                  |         |
| Antimony   | NELAP         | 0.4   | 1.0   |      | < 1.0  | µg/L  | 5   | 03/04/2024 11:03 | 219022  |
| Arsenic  | NELAP         | 0.4   | 1.0   | J    | 0.5    | µg/L  | 5   | 02/24/2024 0:11  | 219022  |
| Barium   | NELAP         | 0.7   | 1.0   |      | 164    | µg/L  | 5   | 02/24/2024 0:11  | 219022  |
| Beryllium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/24/2024 0:11  | 219022  |
| Boron  | NELAP         | 9.2   | 20.0  |      | 60.6   | µg/L  | 5   | 02/27/2024 20:42 | 219022  |
| Cadmium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/24/2024 0:11  | 219022  |
| Chromium   | NELAP         | 0.8   | 1.5   | J    | 0.8    | µg/L  | 5   | 02/24/2024 0:11  | 219022  |
| Cobalt   | NELAP         | 0.1   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/24/2024 0:11  | 219022  |
| Lead   | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/24/2024 0:11  | 219022  |
| Lithium  | *             | 1.4   | 3.0   |      | 9.0    | µg/L  | 5   | 02/24/2024 0:11  | 219022  |
| Molybdenum   | NELAP         | 0.6   | 1.5   |      | 1.7    | µg/L  | 5   | 02/27/2024 20:42 | 219022  |
| Selenium   | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5   | 02/27/2024 20:42 | 219022  |
| Thallium   | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5   | 02/24/2024 0:11  | 219022  |





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-055  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G283  
**Collection Date:** 02/21/2024 10:11

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed    | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                  |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 02/23/2024 16:05 | 219103 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104  
<http://www.teklabinc.com/>

Client: Ramboll  
 Client Project: COF-24Q1  
 Lab ID: 24020001-056  
 Matrix: GROUNDWATER

Work Order: 24020001  
 Report Date: 09-Apr-24

Client Sample ID: G284  
 Collection Date: 02/20/2024 14:26

| Analyses   | Certification | MDL   | RL    | Qual | Result | Units | DF | Date Analyzed    | Batch   |
|--|---------------|-------|-------|------|--------|-------|----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                |               |       |       |      |        |       |    |                  |         |
| Depth to water from measuring point                | *             | 0     | 0     |      | 11.77  | ft    | 1  | 02/20/2024 14:26 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>               |               |       |       |      |        |       |    |                  |         |
| Turbidity  | *             | 1.0   | 1.0   |      | 2.9    | NTU   | 1  | 02/20/2024 14:26 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>      |               |       |       |      |        |       |    |                  |         |
| Oxidation-Reduction Potential                      | *             | -300  | -300  |      | 128    | mV    | 1  | 02/20/2024 14:26 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>               |               |       |       |      |        |       |    |                  |         |
| Spec. Conductance, Field                           | *             | 0     | 0     |      | 653    | µS/cm | 1  | 02/20/2024 14:26 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>               |               |       |       |      |        |       |    |                  |         |
| Temperature  | *             | 0     | 0     |      | 11.7   | °C    | 1  | 02/20/2024 14:26 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>             |               |       |       |      |        |       |    |                  |         |
| Oxygen, Dissolved                                  | *             | 0     | 0     |      | 2.51   | mg/L  | 1  | 02/20/2024 14:26 | R343520 |
| <b>SW-846 9040B FIELD</b>                          |               |       |       |      |        |       |    |                  |         |
| pH   | *             | 0     | 1.00  |      | 7.13   |       | 1  | 02/20/2024 14:26 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Bicarbonate (as CaCO3)                 | NELAP         | 0     | 0     |      | 317    | mg/L  | 1  | 02/23/2024 10:56 | R343508 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>          |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Carbonate (as CaCO3)                   | NELAP         | 0     | 0     |      | 0      | mg/L  | 1  | 02/23/2024 10:56 | R343508 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |    |                  |         |
| Total Dissolved Solids                             | NELAP         | 16    | 20    |      | 500    | mg/L  | 1  | 02/26/2024 11:48 | R343638 |
| <b>SW-846 9036 (TOTAL)</b>                         |               |       |       |      |        |       |    |                  |         |
| Sulfate  | NELAP         | 31    | 50    |      | 83     | mg/L  | 5  | 02/22/2024 16:58 | R343452 |
| <b>SW-846 9214 (TOTAL)</b>                         |               |       |       |      |        |       |    |                  |         |
| Fluoride   | NELAP         | 0.04  | 0.10  |      | 0.51   | mg/L  | 1  | 02/23/2024 11:49 | R343485 |
| <b>SW-846 9251 (TOTAL)</b>                         |               |       |       |      |        |       |    |                  |         |
| Chloride   | NELAP         | 1     | 4     |      | 33     | mg/L  | 1  | 02/21/2024 15:36 | R343402 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>  |               |       |       |      |        |       |    |                  |         |
| Calcium  | NELAP         | 0.035 | 0.100 |      | 72.0   | mg/L  | 1  | 02/22/2024 18:21 | 219022  |
| Magnesium  | NELAP         | 0.006 | 0.050 |      | 36.2   | mg/L  | 1  | 02/22/2024 18:21 | 219022  |
| Potassium  | NELAP         | 0.040 | 0.100 |      | 0.426  | mg/L  | 1  | 02/22/2024 18:21 | 219022  |
| Sodium   | NELAP         | 0.018 | 0.050 |      | 49.7   | mg/L  | 1  | 02/22/2024 18:21 | 219022  |
| <b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b> |               |       |       |      |        |       |    |                  |         |
| Antimony   | NELAP         | 0.4   | 1.0   | BJ   | 0.6    | µg/L  | 5  | 02/27/2024 20:48 | 219022  |
| Arsenic  | NELAP         | 0.4   | 1.0   | J    | 0.5    | µg/L  | 5  | 02/24/2024 0:17  | 219022  |
| Barium   | NELAP         | 0.7   | 1.0   |      | 69.0   | µg/L  | 5  | 02/24/2024 0:17  | 219022  |
| Beryllium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/24/2024 0:17  | 219022  |
| Boron  | NELAP         | 9.2   | 20.0  |      | 51.6   | µg/L  | 5  | 02/27/2024 20:48 | 219022  |
| Cadmium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/24/2024 0:17  | 219022  |
| Chromium   | NELAP         | 0.8   | 1.5   | J    | 1.2    | µg/L  | 5  | 02/24/2024 0:17  | 219022  |
| Cobalt   | NELAP         | 0.1   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/24/2024 0:17  | 219022  |
| Lead   | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/24/2024 0:17  | 219022  |
| Lithium  | *             | 1.4   | 3.0   |      | 7.8    | µg/L  | 5  | 02/24/2024 0:17  | 219022  |
| Molybdenum   | NELAP         | 0.6   | 1.5   |      | 12.3   | µg/L  | 5  | 02/27/2024 20:48 | 219022  |
| Selenium   | NELAP         | 0.6   | 1.0   | J    | 0.9    | µg/L  | 5  | 02/27/2024 20:48 | 219022  |
| Thallium   | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5  | 02/24/2024 0:17  | 219022  |

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-056  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G284  
**Collection Date:** 02/20/2024 14:26

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed    | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                  |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 02/22/2024 15:23 | 218203 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

Client: Ramboll  
Client Project: COF-24Q1  
Lab ID: 24020001-057  
Matrix: GROUNDWATER

Work Order: 24020001  
Report Date: 09-Apr-24

Client Sample ID: G285

Collection Date: 02/20/2024 13:18

| Analyses   | Certification | MDL   | RL    | Qual | Result | Units | DF | Date Analyzed    | Batch   |
|--|---------------|-------|-------|------|--------|-------|----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                |               |       |       |      |        |       |    |                  |         |
| Depth to water from measuring point                | *             | 0     | 0     |      | 6.65   | ft    | 1  | 02/20/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>               |               |       |       |      |        |       |    |                  |         |
| Turbidity  | *             | 1.0   | 1.0   |      | 12     | NTU   | 1  | 02/20/2024 13:18 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>      |               |       |       |      |        |       |    |                  |         |
| Oxidation-Reduction Potential                      | *             | -300  | -300  |      | 127    | mV    | 1  | 02/20/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>               |               |       |       |      |        |       |    |                  |         |
| Spec. Conductance, Field                           | *             | 0     | 0     |      | 1560   | µS/cm | 1  | 02/20/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>               |               |       |       |      |        |       |    |                  |         |
| Temperature  | *             | 0     | 0     |      | 12.4   | °C    | 1  | 02/20/2024 13:18 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>             |               |       |       |      |        |       |    |                  |         |
| Oxygen, Dissolved                                  | *             | 0     | 0     |      | 0.53   | mg/L  | 1  | 02/20/2024 13:18 | R343520 |
| <b>SW-846 9040B FIELD</b>                          |               |       |       |      |        |       |    |                  |         |
| pH   | *             | 0     | 1.00  |      | 6.74   |       | 1  | 02/20/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )    | NELAP         | 0     | 0     |      | 582    | mg/L  | 1  | 02/22/2024 12:33 | R343460 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>          |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Carbonate (as CaCO <sub>3</sub> )      | NELAP         | 0     | 0     |      | 0      | mg/L  | 1  | 02/22/2024 12:33 | R343460 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |    |                  |         |
| Total Dissolved Solids                             | NELAP         | 16    | 20    |      | 1370   | mg/L  | 1  | 02/26/2024 11:48 | R343638 |
| <b>SW-846 9036 (TOTAL)</b>                         |               |       |       |      |        |       |    |                  |         |
| Sulfate  | NELAP         | 307   | 500   |      | 646    | mg/L  | 50 | 02/21/2024 15:49 | R343392 |
| <b>SW-846 9214 (TOTAL)</b>                         |               |       |       |      |        |       |    |                  |         |
| Fluoride   | NELAP         | 0.04  | 0.10  |      | 0.52   | mg/L  | 1  | 02/23/2024 11:50 | R343485 |
| <b>SW-846 9251 (TOTAL)</b>                         |               |       |       |      |        |       |    |                  |         |
| Chloride   | NELAP         | 1     | 4     |      | 28     | mg/L  | 1  | 02/21/2024 15:44 | R343402 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>  |               |       |       |      |        |       |    |                  |         |
| Calcium  | NELAP         | 0.035 | 0.100 |      | 203    | mg/L  | 1  | 02/22/2024 18:23 | 219022  |
| Magnesium  | NELAP         | 0.006 | 0.050 |      | 69.1   | mg/L  | 1  | 02/22/2024 18:23 | 219022  |
| Potassium  | NELAP         | 0.040 | 0.100 |      | 2.13   | mg/L  | 1  | 02/22/2024 18:23 | 219022  |
| Sodium   | NELAP         | 0.018 | 0.050 |      | 182    | mg/L  | 1  | 02/22/2024 18:23 | 219022  |
| <b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b> |               |       |       |      |        |       |    |                  |         |
| Antimony   | NELAP         | 0.4   | 1.0   | B    | < 1.0  | µg/L  | 5  | 02/27/2024 20:54 | 219022  |
| Arsenic  | NELAP         | 0.4   | 1.0   | J    | 0.5    | µg/L  | 5  | 02/24/2024 0:23  | 219022  |
| Barium   | NELAP         | 0.7   | 1.0   |      | 31.5   | µg/L  | 5  | 02/24/2024 0:23  | 219022  |
| Beryllium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/24/2024 0:23  | 219022  |
| Boron  | NELAP         | 9.2   | 20.0  |      | 134    | µg/L  | 5  | 02/27/2024 20:54 | 219022  |
| Cadmium  | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/24/2024 0:23  | 219022  |
| Chromium   | NELAP         | 0.8   | 1.5   | J    | 1.4    | µg/L  | 5  | 02/24/2024 0:23  | 219022  |
| Cobalt   | NELAP         | 0.1   | 1.0   | J    | 0.9    | µg/L  | 5  | 02/24/2024 0:23  | 219022  |
| Lead   | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/24/2024 0:23  | 219022  |
| Lithium  | *             | 1.4   | 3.0   |      | 6.0    | µg/L  | 5  | 02/24/2024 0:23  | 219022  |
| Molybdenum   | NELAP         | 0.6   | 1.5   |      | 3.3    | µg/L  | 5  | 02/27/2024 20:54 | 219022  |
| Selenium   | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/27/2024 20:54 | 219022  |
| Thallium   | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5  | 02/24/2024 0:23  | 219022  |

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-057  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G285  
**Collection Date:** 02/20/2024 13:18

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed   | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|-----------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                 |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 03/11/2024 9:22 | 219495 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-093  
**Matrix:** LEACHATE

**Work Order:** 24020001  
**Report Date:** 09-Apr-24

**Client Sample ID:** X201  
**Collection Date:** 02/20/2024 8:47

| Analyses   | Certification | MDL   | RL    | Qual | Result | Units | DF  | Date Analyzed    | Batch   |
|--|---------------|-------|-------|------|--------|-------|-----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>                |               |       |       |      |        |       |     |                  |         |
| Depth to water from measuring point                | *             | 0     | 0     |      | 27.91  | ft    | 1   | 02/20/2024 8:47  | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Turbidity  | *             | 1.0   | 1.0   |      | 6.0    | NTU   | 1   | 02/20/2024 8:47  | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>      |               |       |       |      |        |       |     |                  |         |
| Oxidation-Reduction Potential                      | *             | -300  | -300  |      | 245    | mV    | 1   | 02/20/2024 8:47  | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Spec. Conductance, Field                           | *             | 0     | 0     |      | 19900  | µS/cm | 1   | 02/20/2024 8:47  | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>               |               |       |       |      |        |       |     |                  |         |
| Temperature  | *             | 0     | 0     |      | 3.6    | °C    | 1   | 02/20/2024 8:47  | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>             |               |       |       |      |        |       |     |                  |         |
| Oxygen, Dissolved                                  | *             | 0     | 0     |      | 10.6   | mg/L  | 1   | 02/20/2024 8:47  | R343520 |
| <b>SW-846 9040B FIELD</b>                          |               |       |       |      |        |       |     |                  |         |
| pH   | *             | 0     | 1.00  |      | 4.43   |       | 1   | 02/20/2024 8:47  | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Bicarbonate (as CaCO3)                 | NELAP         | 0     | 0     |      | 7      | mg/L  | 1   | 02/22/2024 14:34 | R343460 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>          |               |       |       |      |        |       |     |                  |         |
| Alkalinity, Carbonate (as CaCO3)                   | NELAP         | 0     | 0     |      | 0      | mg/L  | 1   | 02/22/2024 14:34 | R343460 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>  |               |       |       |      |        |       |     |                  |         |
| Total Dissolved Solids                             | NELAP         | 160   | 200   |      | 13500  | mg/L  | 10  | 02/23/2024 12:53 | R343558 |
| <b>SW-846 9036 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Sulfate  | NELAP         | 3070  | 5000  |      | 10900  | mg/L  | 500 | 02/21/2024 16:48 | R343392 |
| <b>SW-846 9214 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Fluoride   | NELAP         | 0.37  | 1.00  |      | 25.8   | mg/L  | 10  | 02/23/2024 14:17 | R343485 |
| <b>SW-846 9251 (TOTAL)</b>                         |               |       |       |      |        |       |     |                  |         |
| Chloride   | NELAP         | 50    | 400   |      | 809    | mg/L  | 100 | 02/21/2024 16:43 | R343402 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>  |               |       |       |      |        |       |     |                  |         |
| Calcium  | NELAP         | 0.035 | 0.100 |      | 305    | mg/L  | 1   | 02/23/2024 18:11 | 219088  |
| Magnesium  | NELAP         | 0.006 | 0.050 |      | 951    | mg/L  | 1   | 02/23/2024 18:11 | 219088  |
| Potassium  | NELAP         | 0.800 | 2.00  |      | 127    | mg/L  | 20  | 02/27/2024 12:04 | 219088  |
| Sodium   | NELAP         | 0.018 | 0.050 |      | 561    | mg/L  | 1   | 02/23/2024 18:11 | 219088  |
| <b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b> |               |       |       |      |        |       |     |                  |         |
| Antimony   | NELAP         | 0.4   | 1.0   | J    | 0.6    | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Arsenic  | NELAP         | 0.4   | 1.0   |      | 2.8    | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Barium   | NELAP         | 0.7   | 1.0   |      | 30.7   | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Beryllium  | NELAP         | 0.2   | 1.0   |      | 1.3    | µg/L  | 5   | 02/26/2024 17:16 | 219088  |
| Boron  | NELAP         | 9.2   | 20.0  |      | 26100  | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Cadmium  | NELAP         | 0.2   | 1.0   |      | 16.5   | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Chromium   | NELAP         | 0.7   | 1.5   | J    | 1.4    | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Cobalt   | NELAP         | 0.1   | 1.0   |      | 36.7   | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Lead   | NELAP         | 0.6   | 1.0   |      | 70.6   | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Lithium  | *             | 1.4   | 3.0   |      | 212    | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Molybdenum   | NELAP         | 0.6   | 1.5   |      | 62.4   | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Selenium   | NELAP         | 0.6   | 1.0   |      | 252    | µg/L  | 5   | 02/23/2024 22:33 | 219088  |
| Thallium   | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5   | 02/26/2024 17:16 | 219088  |





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-093  
**Matrix:** LEACHATE

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** X201  
**Collection Date:** 02/20/2024 8:47

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed    | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|------------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                  |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 02/29/2024 17:56 | 219164 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104  
<http://www.teklabinc.com/>

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-097  
**Matrix:** AQUEOUS

**Work Order:** 24020001  
**Report Date:** 09-Apr-24

**Client Sample ID:** Field Blank

**Collection Date:** 02/21/2024 15:03

| Analyses  | Certification | MDL   | RL    | Qual | Result  | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-------|-------|------|---------|-------|----|------------------|---------|
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>   |               |       |       |      |         |       |    |                  |         |
| Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )   | NELAP         | 0     | 0     |      | 1       | mg/L  | 1  | 02/22/2024 15:49 | R343460 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>   |               |       |       |      |         |       |    |                  |         |
| Alkalinity, Carbonate (as CaCO <sub>3</sub> )   | NELAP         | 0     | 0     |      | 0       | mg/L  | 1  | 02/22/2024 15:49 | R343460 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>   |               |       |       |      |         |       |    |                  |         |
| Total Dissolved Solids  | NELAP         | 16    | 20    | J    | 18      | mg/L  | 1  | 02/26/2024 12:37 | R343638 |
| <b>SW-846 9036 (TOTAL)</b>  |               |       |       |      |         |       |    |                  |         |
| Sulfate   | NELAP         | 6     | 10    |      | < 10    | mg/L  | 1  | 02/22/2024 18:40 | R343452 |
| <b>SW-846 9060A</b>   |               |       |       |      |         |       |    |                  |         |
| Dissolved Organic Carbon  | NELAP         | 0.4   | 1.0   |      | < 1.0   | mg/L  | 1  | 02/22/2024 11:41 | R343440 |
| <b>SW-846 9214 (TOTAL)</b>  |               |       |       |      |         |       |    |                  |         |
| Fluoride  | NELAP         | 0.04  | 0.10  |      | < 0.10  | mg/L  | 1  | 02/23/2024 12:34 | R343485 |
| <b>SW-846 9251 (TOTAL)</b>  |               |       |       |      |         |       |    |                  |         |
| Chloride  | NELAP         | 1     | 4     |      | < 4     | mg/L  | 1  | 02/22/2024 18:40 | R343454 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>   |               |       |       |      |         |       |    |                  |         |
| Calcium   | NELAP         | 0.035 | 0.100 |      | < 0.100 | mg/L  | 1  | 02/23/2024 18:51 | 219043  |
| Magnesium   | NELAP         | 0.006 | 0.050 | J    | 0.015   | mg/L  | 1  | 02/23/2024 18:51 | 219043  |
| Potassium   | NELAP         | 0.040 | 0.100 |      | < 0.100 | mg/L  | 1  | 02/23/2024 18:51 | 219043  |
| Sodium  | NELAP         | 0.018 | 0.050 | J    | 0.029   | mg/L  | 1  | 02/23/2024 18:51 | 219043  |
| <b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>   |               |       |       |      |         |       |    |                  |         |
| Arsenic   | NELAP         | 0.4   | 1.0   |      | < 1.0   | µg/L  | 5  | 02/24/2024 4:01  | 219032  |
| Iron  | NELAP         | 11.5  | 25.0  |      | < 25.0  | µg/L  | 5  | 02/28/2024 11:06 | 219032  |
| <b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>   |               |       |       |      |         |       |    |                  |         |
| Antimony  | NELAP         | 0.4   | 1.0   | J    | 0.7     | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Arsenic   | NELAP         | 0.4   | 1.0   |      | 1.1     | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Barium  | NELAP         | 0.7   | 1.0   |      | 2.5     | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Beryllium   | NELAP         | 0.2   | 1.0   |      | < 1.0   | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Boron   | NELAP         | 9.2   | 20    | J    | 15      | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Cadmium   | NELAP         | 0.2   | 1.0   | J    | 0.5     | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Chromium  | NELAP         | 1.2   | 1.5   |      | 1.9     | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Cobalt  | NELAP         | 0.1   | 1.0   | J    | 0.5     | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Lead  | NELAP         | 0.6   | 1.0   | B    | < 1.0   | µg/L  | 5  | 03/01/2024 13:43 | 219241  |
| Lithium   | *             | 1.4   | 3.0   |      | < 3.0   | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Molybdenum  | NELAP         | 0.6   | 1.5   | J    | 0.9     | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Selenium  | NELAP         | 0.6   | 1.0   |      | < 1.0   | µg/L  | 5  | 02/23/2024 23:48 | 219043  |
| Thallium  | NELAP         | 1.0   | 2.0   | J    | 1.2     | µg/L  | 5  | 02/26/2024 18:59 | 219043  |
| <i>LCS recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i> |               |       |       |      |         |       |    |                  |         |
| <i>Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.</i>                   |               |       |       |      |         |       |    |                  |         |
| <i>Contamination present in the MBLK for Fe. Sample results below the reporting limit are reportable per the TNI Standard.</i>            |               |       |       |      |         |       |    |                  |         |
| <b>SW-846 7470A (TOTAL)</b>   |               |       |       |      |         |       |    |                  |         |
| Mercury   | NELAP         | 0.06  | 0.20  |      | < 0.20  | µg/L  | 1  | 02/29/2024 17:58 | 219164  |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

Client: Ramboll  
Client Project: COF-24Q1  
Lab ID: 24020001-100  
Matrix: GROUNDWATER

Work Order: 24020001  
Report Date: 09-Apr-24  
Client Sample ID: G273 Duplicate  
Collection Date: 02/19/2024 13:18

| Analyses  | Certification | MDL   | RL    | Qual | Result | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-------|-------|------|--------|-------|----|------------------|---------|
| <b>FIELD ELEVATION MEASUREMENTS</b>   |               |       |       |      |        |       |    |                  |         |
| Depth to water from measuring point   | *             | 0     | 0     |      | 10.95  | ft    | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2130 B FIELD</b>  |               |       |       |      |        |       |    |                  |         |
| Turbidity   | *             | 1.0   | 1.0   |      | 9.8    | NTU   | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>   |               |       |       |      |        |       |    |                  |         |
| Oxidation-Reduction Potential   | *             | -300  | -300  |      | 151    | mV    | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2510 B FIELD</b>  |               |       |       |      |        |       |    |                  |         |
| Spec. Conductance, Field  | *             | 0     | 0     |      | 1680   | µS/cm | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2550 B FIELD</b>  |               |       |       |      |        |       |    |                  |         |
| Temperature   | *             | 0     | 0     |      | 13.6   | °C    | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 4500-O G FIELD</b>  |               |       |       |      |        |       |    |                  |         |
| Oxygen, Dissolved   | *             | 0     | 0     |      | 1.76   | mg/L  | 1  | 02/19/2024 13:18 | R343520 |
| <b>SW-846 9040B FIELD</b>   |               |       |       |      |        |       |    |                  |         |
| pH  | *             | 0     | 1.00  |      | 6.99   |       | 1  | 02/19/2024 13:18 | R343520 |
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>                                     |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )                                       | NELAP         | 0     | 0     |      | 367    | mg/L  | 1  | 02/20/2024 14:53 | R343313 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>   |               |       |       |      |        |       |    |                  |         |
| Alkalinity, Carbonate (as CaCO <sub>3</sub> )   | NELAP         | 0     | 0     |      | 0      | mg/L  | 1  | 02/20/2024 14:53 | R343313 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>                                     |               |       |       |      |        |       |    |                  |         |
| Total Dissolved Solids  | NELAP         | 16    | 20    |      | 1180   | mg/L  | 1  | 02/20/2024 14:01 | R343377 |
| <b>SW-846 9036 (TOTAL)</b>  |               |       |       |      |        |       |    |                  |         |
| Sulfate   | NELAP         | 61    | 100   |      | 486    | mg/L  | 10 | 02/20/2024 22:22 | R343322 |
| <b>SW-846 9214 (TOTAL)</b>  |               |       |       |      |        |       |    |                  |         |
| Fluoride  | NELAP         | 0.04  | 0.10  |      | 0.29   | mg/L  | 1  | 02/20/2024 14:53 | R343311 |
| <b>SW-846 9251 (TOTAL)</b>  |               |       |       |      |        |       |    |                  |         |
| Chloride  | NELAP         | 1     | 8     |      | 67     | mg/L  | 2  | 02/20/2024 22:18 | R343325 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>                                     |               |       |       |      |        |       |    |                  |         |
| Calcium   | NELAP         | 0.035 | 0.100 | S    | 168    | mg/L  | 1  | 02/21/2024 9:59  | 218955  |
| Magnesium   | NELAP         | 0.006 | 0.050 | S    | 84.9   | mg/L  | 1  | 02/21/2024 9:59  | 218955  |
| Potassium   | NELAP         | 0.040 | 0.100 |      | 0.541  | mg/L  | 1  | 02/21/2024 9:59  | 218955  |
| Sodium  | NELAP         | 0.018 | 0.050 | S    | 102    | mg/L  | 1  | 02/21/2024 9:59  | 218955  |
| <i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i> |               |       |       |      |        |       |    |                  |         |
| <b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>                                   |               |       |       |      |        |       |    |                  |         |
| Antimony  | NELAP         | 0.7   | 1.0   | J    | 0.8    | µg/L  | 5  | 02/23/2024 21:41 | 218955  |
| Arsenic   | NELAP         | 0.4   | 1.0   | J    | 0.9    | µg/L  | 5  | 02/23/2024 21:41 | 218955  |
| Barium  | NELAP         | 0.7   | 1.0   |      | 46.9   | µg/L  | 5  | 02/23/2024 21:41 | 218955  |
| Beryllium   | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/23/2024 21:41 | 218955  |
| Boron   | NELAP         | 9.2   | 20.0  |      | 129    | µg/L  | 5  | 02/23/2024 21:41 | 218955  |
| Cadmium   | NELAP         | 0.2   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/23/2024 21:41 | 218955  |
| Chromium  | NELAP         | 0.9   | 1.5   |      | 2.5    | µg/L  | 5  | 02/23/2024 21:41 | 218955  |
| Cobalt  | NELAP         | 0.1   | 1.0   | J    | 0.3    | µg/L  | 5  | 02/23/2024 21:41 | 218955  |
| Lead  | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/23/2024 21:41 | 218955  |
| Lithium   | *             | 1.4   | 3.0   |      | 7.8    | µg/L  | 5  | 02/23/2024 21:41 | 218955  |
| Molybdenum  | NELAP         | 0.6   | 1.5   | J    | 0.8    | µg/L  | 5  | 02/27/2024 18:30 | 218955  |
| Selenium  | NELAP         | 0.6   | 1.0   |      | < 1.0  | µg/L  | 5  | 02/27/2024 18:30 | 218955  |
| Thallium  | NELAP         | 1.0   | 2.0   |      | < 2.0  | µg/L  | 5  | 02/23/2024 21:41 | 218955  |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020001-100  
**Matrix:** GROUNDWATER

**Work Order:** 24020001  
**Report Date:** 09-Apr-24  
**Client Sample ID:** G273 Duplicate  
**Collection Date:** 02/19/2024 13:18

| Analyses                    | Certification | MDL  | RL   | Qual | Result | Units | DF | Date Analyzed   | Batch  |
|-----------------------------|---------------|------|------|------|--------|-------|----|-----------------|--------|
| <b>SW-846 7470A (TOTAL)</b> |               |      |      |      |        |       |    |                 |        |
| Mercury                     | NELAP         | 0.06 | 0.20 |      | < 0.20 | µg/L  | 1  | 02/23/2024 9:39 | 218203 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104  
<http://www.teklabinc.com/>

Client: Ramboll  
 Client Project: COF-24Q1  
 Lab ID: 24020001-103  
 Matrix: AQUEOUS

Work Order: 24020001  
 Report Date: 09-Apr-24  
 Client Sample ID: Equipment Blank 1  
 Collection Date: 02/21/2024 14:58

| Analyses  | Certification | MDL   | RL    | Qual | Result  | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-------|-------|------|---------|-------|----|------------------|---------|
| <b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>   |               |       |       |      |         |       |    |                  |         |
| Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )   | NELAP         | 0     | 0     |      | 0       | mg/L  | 1  | 02/23/2024 11:26 | R343508 |
| <b>STANDARD METHODS 2320 B 1997, 2011</b>   |               |       |       |      |         |       |    |                  |         |
| Alkalinity, Carbonate (as CaCO <sub>3</sub> )   | NELAP         | 0     | 0     |      | 0       | mg/L  | 1  | 02/23/2024 11:26 | R343508 |
| <b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>   |               |       |       |      |         |       |    |                  |         |
| Total Dissolved Solids  | NELAP         | 16    | 20    |      | 22      | mg/L  | 1  | 02/23/2024 12:35 | R343558 |
| <b>SW-846 9036 (TOTAL)</b>  |               |       |       |      |         |       |    |                  |         |
| Sulfate   | NELAP         | 6     | 10    |      | < 10    | mg/L  | 1  | 02/23/2024 12:42 | R343641 |
| <b>SW-846 9060A</b>   |               |       |       |      |         |       |    |                  |         |
| Dissolved Organic Carbon  | NELAP         | 0.4   | 1.0   |      | < 1.0   | mg/L  | 1  | 02/22/2024 11:47 | R343440 |
| <b>SW-846 9214 (TOTAL)</b>  |               |       |       |      |         |       |    |                  |         |
| Fluoride  | NELAP         | 0.04  | 0.10  |      | < 0.10  | mg/L  | 1  | 02/23/2024 13:47 | R343485 |
| <b>SW-846 9251 (TOTAL)</b>  |               |       |       |      |         |       |    |                  |         |
| Chloride  | NELAP         | 1     | 4     |      | < 4     | mg/L  | 1  | 02/23/2024 12:42 | R343643 |
| <b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>   |               |       |       |      |         |       |    |                  |         |
| Calcium   | NELAP         | 0.035 | 0.100 |      | 0.148   | mg/L  | 1  | 02/27/2024 12:25 | 219088  |
| Magnesium   | NELAP         | 0.006 | 0.050 | J    | 0.036   | mg/L  | 1  | 02/27/2024 12:25 | 219088  |
| Potassium   | NELAP         | 0.040 | 0.100 |      | < 0.100 | mg/L  | 1  | 02/27/2024 12:25 | 219088  |
| Sodium  | NELAP         | 0.018 | 0.050 | J    | 0.038   | mg/L  | 1  | 02/27/2024 12:25 | 219088  |
| <b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>   |               |       |       |      |         |       |    |                  |         |
| Arsenic   | NELAP         | 0.4   | 1.0   | J    | 0.8     | µg/L  | 5  | 02/28/2024 6:12  | 218795  |
| Iron  | NELAP         | 12    | 25    | J    | 13      | µg/L  | 5  | 02/28/2024 12:32 | 218795  |
| <b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>   |               |       |       |      |         |       |    |                  |         |
| Antimony  | NELAP         | 0.4   | 1.0   |      | < 1.0   | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Arsenic   | NELAP         | 0.4   | 1.0   | J    | 0.8     | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Barium  | NELAP         | 0.7   | 1.0   |      | < 1.0   | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Beryllium   | NELAP         | 0.2   | 1.0   |      | < 1.0   | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Boron   | NELAP         | 9.2   | 20.0  |      | 126     | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Cadmium   | NELAP         | 0.2   | 1.0   |      | < 1.0   | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Chromium  | NELAP         | 0.7   | 1.5   | J    | 0.8     | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Cobalt  | NELAP         | 0.1   | 1.0   |      | < 1.0   | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Lead  | NELAP         | 0.6   | 1.0   |      | 6.7     | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Lithium   | *             | 1.4   | 3.0   |      | < 3.0   | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Molybdenum  | NELAP         | 0.6   | 1.5   | J    | 0.9     | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Selenium  | NELAP         | 0.6   | 1.0   |      | < 1.0   | µg/L  | 5  | 02/23/2024 22:39 | 219088  |
| Thallium  | NELAP         | 1.0   | 2.0   |      | < 2.0   | µg/L  | 5  | 02/26/2024 17:27 | 219088  |
| <i>LCS recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i> |               |       |       |      |         |       |    |                  |         |
| <i>Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.</i>                   |               |       |       |      |         |       |    |                  |         |
| <b>SW-846 7470A (TOTAL)</b>   |               |       |       |      |         |       |    |                  |         |
| Mercury   | NELAP         | 0.06  | 0.20  |      | < 0.20  | µg/L  | 1  | 03/05/2024 11:50 | 219476  |



## Sample Summary

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020001  
**Report Date:** 09-Apr-24

| Lab Sample ID | Client Sample ID  | Matrix      | Fractions | Collection Date  |
|---------------|-------------------|-------------|-----------|------------------|
| 24020001-042  | G270              | Groundwater | 5         | 02/19/2024 11:56 |
| 24020001-043  | G271              | Groundwater | 5         | 02/19/2024 12:20 |
| 24020001-045  | G273              | Groundwater | 5         | 02/19/2024 13:18 |
| 24020001-047  | G275              | Groundwater | 5         | 02/19/2024 14:21 |
| 24020001-048  | G275D             | Groundwater | 4         | 02/19/2024 14:05 |
| 24020001-049  | G276              | Groundwater | 5         | 02/20/2024 9:21  |
| 24020001-050  | G277              | Groundwater | 5         | 02/20/2024 9:40  |
| 24020001-052  | G279              | Groundwater | 5         | 02/20/2024 10:25 |
| 24020001-053  | G280              | Groundwater | 5         | 02/20/2024 11:10 |
| 24020001-055  | G283              | Groundwater | 2         | 02/21/2024 10:11 |
| 24020001-056  | G284              | Groundwater | 2         | 02/20/2024 14:26 |
| 24020001-057  | G285              | Groundwater | 2         | 02/20/2024 13:18 |
| 24020001-093  | X201              | Leachate    | 2         | 02/20/2024 8:47  |
| 24020001-097  | Field Blank       | Aqueous     | 8         | 02/21/2024 15:03 |
| 24020001-100  | G273 Duplicate    | Groundwater | 5         | 02/19/2024 13:18 |
| 24020001-103  | Equipment Blank 1 | Aqueous     | 11        | 02/21/2024 14:58 |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### STANDARD METHODS 2510 B FIELD

| Batch R343520            |      | SampType: LCS |      | Units $\mu\text{S/cm}$ |       |             |       |           |            |               |  |
|--------------------------|------|---------------|------|------------------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS-R343520-1    |      |               |      |                        |       |             |       |           |            |               |  |
| Analyses                 | Cert | RL            | Qual | Result                 | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Spec. Conductance, Field | *    | 0             |      | 1420                   | 1412  | 0           | 100.2 | 90        | 110        | 02/13/2024    |  |

| Batch R343520            |      | SampType: LCS |      | Units $\mu\text{S/cm}$ |       |             |      |           |            |               |  |
|--------------------------|------|---------------|------|------------------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS-R343520-10   |      |               |      |                        |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL            | Qual | Result                 | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Spec. Conductance, Field | *    | 0             |      | 1410                   | 1412  | 0           | 99.9 | 90        | 110        | 02/14/2024    |  |

| Batch R343520            |      | SampType: LCS |      | Units $\mu\text{S/cm}$ |       |             |       |           |            |               |  |
|--------------------------|------|---------------|------|------------------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS-R343520-11   |      |               |      |                        |       |             |       |           |            |               |  |
| Analyses                 | Cert | RL            | Qual | Result                 | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Spec. Conductance, Field | *    | 0             |      | 1410                   | 1412  | 0           | 100.1 | 90        | 110        | 02/15/2024    |  |

| Batch R343520            |      | SampType: LCS |      | Units $\mu\text{S/cm}$ |       |             |      |           |            |               |  |
|--------------------------|------|---------------|------|------------------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS-R343520-12   |      |               |      |                        |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL            | Qual | Result                 | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Spec. Conductance, Field | *    | 0             |      | 1410                   | 1412  | 0           | 99.9 | 90        | 110        | 02/16/2024    |  |

| Batch R343520            |      | SampType: LCS |      | Units $\mu\text{S/cm}$ |       |             |      |           |            |               |  |
|--------------------------|------|---------------|------|------------------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS-R343520-13   |      |               |      |                        |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL            | Qual | Result                 | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Spec. Conductance, Field | *    | 0             |      | 1410                   | 1412  | 0           | 99.9 | 90        | 110        | 02/19/2024    |  |

| Batch R343520            |      | SampType: LCS |      | Units $\mu\text{S/cm}$ |       |             |      |           |            |               |  |
|--------------------------|------|---------------|------|------------------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS-R343520-14   |      |               |      |                        |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL            | Qual | Result                 | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Spec. Conductance, Field | *    | 0             |      | 1410                   | 1412  | 0           | 99.7 | 90        | 110        | 02/20/2024    |  |

| Batch R343520            |      | SampType: LCS |      | Units $\mu\text{S/cm}$ |       |             |       |           |            |               |  |
|--------------------------|------|---------------|------|------------------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS-R343520-2    |      |               |      |                        |       |             |       |           |            |               |  |
| Analyses                 | Cert | RL            | Qual | Result                 | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Spec. Conductance, Field | *    | 0             |      | 1410                   | 1412  | 0           | 100.1 | 90        | 110        | 02/14/2024    |  |

| Batch R343520            |      | SampType: LCS |      | Units $\mu\text{S/cm}$ |       |             |       |           |            |               |  |
|--------------------------|------|---------------|------|------------------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS-R343520-3    |      |               |      |                        |       |             |       |           |            |               |  |
| Analyses                 | Cert | RL            | Qual | Result                 | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Spec. Conductance, Field | *    | 0             |      | 1410                   | 1412  | 0           | 100.0 | 90        | 110        | 02/15/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### STANDARD METHODS 2510 B FIELD

Batch R343520 SampType: LCS Units  $\mu\text{S/cm}$

SampID: LCS-R343520-4

| Analyses                 | Cert | RL | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|----|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Spec. Conductance, Field | *    | 0  |      | 1420   | 1412  | 0           | 100.2 | 90        | 110        | 02/16/2024    |

Batch R343520 SampType: LCS Units  $\mu\text{S/cm}$

SampID: LCS-R343520-5

| Analyses                 | Cert | RL | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|----|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Spec. Conductance, Field | *    | 0  |      | 1420   | 1412  | 0           | 100.2 | 90        | 110        | 02/19/2024    |

Batch R343520 SampType: LCS Units  $\mu\text{S/cm}$

SampID: LCS-R343520-6

| Analyses                 | Cert | RL | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|----|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Spec. Conductance, Field | *    | 0  |      | 1420   | 1412  | 0           | 100.4 | 90        | 110        | 02/20/2024    |

Batch R343520 SampType: LCS Units  $\mu\text{S/cm}$

SampID: LCS-R343520-7

| Analyses                 | Cert | RL | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|----|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Spec. Conductance, Field | *    | 0  |      | 1420   | 1412  | 0           | 100.2 | 90        | 110        | 02/21/2024    |

Batch R343520 SampType: LCS Units  $\mu\text{S/cm}$

SampID: LCS-R343520-8

| Analyses                 | Cert | RL | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|----|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Spec. Conductance, Field | *    | 0  |      | 1420   | 1412  | 0           | 100.5 | 90        | 110        | 02/22/2024    |

Batch R343520 SampType: LCS Units  $\mu\text{S/cm}$

SampID: LCS-R343520-9

| Analyses                 | Cert | RL | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|----|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Spec. Conductance, Field | *    | 0  |      | 1410   | 1412  | 0           | 100.1 | 90        | 110        | 02/13/2024    |

### SW-846 9040B FIELD

Batch R343520 SampType: LCS Units

SampID: LCS-R343520-1

| Analyses | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|----------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| pH       | *    | 1.00 |      | 7.00   | 7.000 | 0           | 100.0 | 98.57     | 101.4      | 02/13/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9040B FIELD

| Batch R343520          |      | SampType: LCS |      | Units  |       |             |       |           |            |  | Date       |
|------------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|--|------------|
| SampID: LCS-R343520-10 |      |               |      |        |       |             |       |           |            |  |            |
| Analyses               | Cert | RL            | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |  | Analyzed   |
| pH                     | *    | 1.00          |      | 7.03   | 7.000 | 0           | 100.4 | 98.57     | 101.4      |  | 02/14/2024 |

| Batch R343520          |      | SampType: LCS |      | Units  |       |             |       |           |            |  | Date       |
|------------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|--|------------|
| SampID: LCS-R343520-11 |      |               |      |        |       |             |       |           |            |  |            |
| Analyses               | Cert | RL            | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |  | Analyzed   |
| pH                     | *    | 1.00          |      | 7.03   | 7.000 | 0           | 100.4 | 98.57     | 101.4      |  | 02/15/2024 |

| Batch R343520          |      | SampType: LCS |      | Units  |       |             |       |           |            |  | Date       |
|------------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|--|------------|
| SampID: LCS-R343520-12 |      |               |      |        |       |             |       |           |            |  |            |
| Analyses               | Cert | RL            | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |  | Analyzed   |
| pH                     | *    | 1.00          |      | 7.09   | 7.000 | 0           | 101.3 | 98.57     | 101.4      |  | 02/16/2024 |

| Batch R343520          |      | SampType: LCS |      | Units  |       |             |       |           |            |  | Date       |
|------------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|--|------------|
| SampID: LCS-R343520-13 |      |               |      |        |       |             |       |           |            |  |            |
| Analyses               | Cert | RL            | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |  | Analyzed   |
| pH                     | *    | 1.00          |      | 7.09   | 7.000 | 0           | 101.3 | 98.57     | 101.4      |  | 02/19/2024 |

| Batch R343520          |      | SampType: LCS |      | Units  |       |             |       |           |            |  | Date       |
|------------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|--|------------|
| SampID: LCS-R343520-14 |      |               |      |        |       |             |       |           |            |  |            |
| Analyses               | Cert | RL            | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |  | Analyzed   |
| pH                     | *    | 1.00          |      | 7.08   | 7.000 | 0           | 101.1 | 98.57     | 101.4      |  | 02/20/2024 |

| Batch R343520         |      | SampType: LCS |      | Units  |       |             |       |           |            |  | Date       |
|-----------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|--|------------|
| SampID: LCS-R343520-2 |      |               |      |        |       |             |       |           |            |  |            |
| 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      |  | 02/14/2024 |

| Batch R343520         |      | SampType: LCS |      | Units  |       |             |       |           |            |  | Date       |
|-----------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|--|------------|
| SampID: LCS-R343520-3 |      |               |      |        |       |             |       |           |            |  |            |
| 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      |  | 02/15/2024 |

| Batch R343520         |      | SampType: LCS |      | Units  |       |             |       |           |            |  | Date       |
|-----------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|--|------------|
| SampID: LCS-R343520-4 |      |               |      |        |       |             |       |           |            |  |            |
| 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      |  | 02/16/2024 |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9040B FIELD

| Batch R343520         |      | SampType: LCS |      | Units  |       |             |       |           |            |            | Date Analyzed |
|-----------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: LCS-R343520-5 |      |               |      |        |       |             |       |           |            |            |               |
| 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      | 02/19/2024 |               |

| Batch R343520         |      | SampType: LCS |      | Units  |       |             |       |           |            |            | Date Analyzed |
|-----------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: LCS-R343520-6 |      |               |      |        |       |             |       |           |            |            |               |
| 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      | 02/20/2024 |               |

| Batch R343520         |      | SampType: LCS |      | Units  |       |             |       |           |            |            | Date Analyzed |
|-----------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: LCS-R343520-7 |      |               |      |        |       |             |       |           |            |            |               |
| 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      | 02/21/2024 |               |

| Batch R343520         |      | SampType: LCS |      | Units  |       |             |       |           |            |            | Date Analyzed |
|-----------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: LCS-R343520-8 |      |               |      |        |       |             |       |           |            |            |               |
| 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      | 02/22/2024 |               |

| Batch R343520         |      | SampType: LCS |      | Units  |       |             |       |           |            |            | Date Analyzed |
|-----------------------|------|---------------|------|--------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: LCS-R343520-9 |      |               |      |        |       |             |       |           |            |            |               |
| Analyses              | Cert | RL            | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| pH                    | *    | 1.00          |      | 7.08   | 7.000 | 0           | 101.1 | 98.57     | 101.4      | 02/13/2024 |               |

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

| Batch R343190          |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |            | 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        | 02/15/2024 |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/15/2024 |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/15/2024 |               |

| Batch R343190          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |            | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |            |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Total Dissolved Solids |      | 20            |      | 958        | 1000  | 0           | 95.8 | 90        | 110        | 02/15/2024 |               |
| Total Dissolved Solids |      | 20            |      | 916        | 1000  | 0           | 91.6 | 90        | 110        | 02/15/2024 |               |
| Total Dissolved Solids |      | 20            |      | 956        | 1000  | 0           | 95.6 | 90        | 110        | 02/15/2024 |               |



## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

| Batch R343190            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24020001-098ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 20            |      | 528        |       |             |      | 548.0        | 3.72 | 02/15/2024    |               |

| Batch R343190            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021083-004ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 50            |      | 470        |       |             |      | 495.0        | 5.18 | 02/15/2024    |               |

| Batch R343201          |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |      |           |            |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/16/2024    |

| Batch R343201          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Total Dissolved Solids |      | 20            |      | 926        | 1000  | 0           | 92.6 | 90        | 110        | 02/16/2024    |
| Total Dissolved Solids |      | 20            |      | 914        | 1000  | 0           | 91.4 | 90        | 110        | 02/16/2024    |

| Batch R343201            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021085-001ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 50            |      | 605        |       |             |      | 590.0        | 2.51 | 02/16/2024    |               |

| Batch R343201            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021141-003ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 50            | H    | 675        |       |             |      | 735.0        | 8.51 | 02/16/2024    |               |

| Batch R343246          |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |      |           |            |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/17/2024    |



## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

| Batch R343246          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20            |      | 946        | 1000  | 0           | 94.6 | 90        | 110        | 02/17/2024    |               |

| Batch R343246            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-026ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 20            |      | 568        |       |             |      | 546.0       | 3.95 | 02/17/2024    |              |               |

| Batch R343312          |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/19/2024    |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/19/2024    |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/19/2024    |               |

| Batch R343312          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20            |      | 916        | 1000  | 0           | 91.6 | 90        | 110        | 02/19/2024    |               |
| Total Dissolved Solids |      | 20            |      | 902        | 1000  | 0           | 90.2 | 90        | 110        | 02/19/2024    |               |
| Total Dissolved Solids |      | 20            |      | 932        | 1000  | 0           | 93.2 | 90        | 110        | 02/19/2024    |               |

| Batch R343312            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021230-002ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 50            |      | 380        |       |             |      | 350.0       | 8.22 | 02/19/2024    |              |               |

| Batch R343312            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021289-001ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 50            |      | 2120       |       |             |      | 2070        | 2.15 | 02/19/2024    |              |               |

| Batch R343312            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021298-009BDUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 50            |      | 605        |       |             |      | 550.0       | 9.52 | 02/19/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

| Batch R343377          |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/20/2024    |               |

| Batch R343377          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20            |      | 940        | 1000  | 0           | 94.0 | 90        | 110        | 02/20/2024    |               |

| Batch R343377            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-025ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 20            |      | 432        |       |             |      | 428.0       | 0.93 | 02/20/2024    |              |               |

| Batch R343433          |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/21/2024    |               |

| Batch R343433          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20            |      | 936        | 1000  | 0           | 93.6 | 90        | 110        | 02/21/2024    |               |

| Batch R343433            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021289-003ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 50            |      | 1970       |       |             |      | 1995        | 1.26 | 02/21/2024    |              |               |

| Batch R343489          |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/22/2024    |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/22/2024    |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/22/2024    |               |





## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

| Batch R343489          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20            |      | 928        | 1000  | 0           | 92.8 | 90        | 110        | 02/22/2024    |               |
| Total Dissolved Solids |      | 20            | S    | 864        | 1000  | 0           | 86.4 | 90        | 110        | 02/22/2024    |               |
| Total Dissolved Solids |      | 20            |      | 902        | 1000  | 0           | 90.2 | 90        | 110        | 02/22/2024    |               |

| Batch R343489            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-102ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 50            |      | 535        |       |             |      | 555.0       | 3.67 | 02/22/2024    |              |               |

| Batch R343489            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021616-001ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 20            |      | 90         |       |             |      | 82.00       | 9.30 | 02/22/2024    |              |               |

| Batch R343558          |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/23/2024    |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/23/2024    |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/23/2024    |               |

| Batch R343558          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20            |      | 926        | 1000  | 0           | 92.6 | 90        | 110        | 02/23/2024    |               |
| Total Dissolved Solids |      | 20            |      | 928        | 1000  | 0           | 92.8 | 90        | 110        | 02/23/2024    |               |
| Total Dissolved Solids |      | 20            |      | 960        | 1000  | 0           | 96.0 | 90        | 110        | 02/23/2024    |               |

| Batch R343558            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24010117-007ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 50            |      | 350        |       |             |      | 380.0       | 8.22 | 02/23/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

| Batch R343558            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021724-019ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 50            |      | 950        |       |             |      | 960.0        | 1.05 | 02/23/2024    |               |

| Batch R343558            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021740-001ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 50            | H    | 1170       |       |             |      | 1275         | 8.59 | 02/23/2024    |               |

| Batch R343638          |      | SampType: MBLK |      | Units mg/L |       |             |       |           |            | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|-------|-----------|------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |       |           |            |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0     | -100      | 100        | 02/26/2024    |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0     | -100      | 100        | 02/26/2024    |
| Total Dissolved Solids |      | 20             | S    | 32         | 16.00 | 0           | 200.0 | -100      | 100        | 02/26/2024    |

| Batch R343638          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Total Dissolved Solids |      | 20            | B    | 930        | 1000  | 0           | 93.0 | 90        | 110        | 02/26/2024    |
| Total Dissolved Solids |      | 20            |      | 902        | 1000  | 0           | 90.2 | 90        | 110        | 02/26/2024    |
| Total Dissolved Solids |      | 20            |      | 910        | 1000  | 0           | 91.0 | 90        | 110        | 02/26/2024    |

| Batch R343638            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24020001-001ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 50            |      | 1740       |       |             |      | 1700         | 2.33 | 02/26/2024    |               |

| Batch R343638            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021724-006ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 20            |      | 1090       |       |             |      | 1102         | 0.91 | 02/26/2024    |               |

| Batch R343666          |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |      |           |            |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/27/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

| Batch R343666          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20            |      | 926        | 1000  | 0           | 92.6 | 90        | 110        | 02/27/2024    |               |

| Batch R343666            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021397-001ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 50            |      | 410        |       |             |      | 430.0       | 4.76 | 02/27/2024    |              |               |

| Batch R343743          |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/28/2024    |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100      | 100        | 02/28/2024    |               |

| Batch R343743          |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |           |            |               |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20            |      | 902        | 1000  | 0           | 90.2 | 90        | 110        | 02/28/2024    |               |
| Total Dissolved Solids |      | 20            |      | 900        | 1000  | 0           | 90.0 | 90        | 110        | 02/28/2024    |               |

| Batch R343743            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-075ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 50            |      | 400        |       |             |      | 380.0       | 5.13 | 02/28/2024    |              |               |

| Batch R343743            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24010117-008ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 100           |      | 350        |       |             |      | 330.0       | 5.88 | 02/28/2024    |              |               |

| Batch R343743            |      | SampType: DUP |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021482-002ADUP |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Total Dissolved Solids   |      | 50            |      | 1410       |       |             |      | 1345        | 4.72 | 02/28/2024    |              |               |



## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

| Batch R343743            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021484-001ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 50            |      | 450        |       |             |      | 420.0        | 6.90 | 02/28/2024    |               |

| Batch R344178          |      | SampType: MBLK |      | Units mg/L |       |             |      | RPD Limit 10 |            |               | Date Analyzed |
|------------------------|------|----------------|------|------------|-------|-------------|------|--------------|------------|---------------|---------------|
| SampID: MBLK           |      |                |      |            |       |             |      |              |            |               |               |
| Analyses               | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20             |      | < 20       | 16.00 | 0           | 0    | -100         | 100        | 03/08/2024    |               |

| Batch R344178          |      | SampType: LCS |      | Units mg/L |       |             |      | RPD Limit 10 |            |               | Date Analyzed |
|------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------------|---------------|---------------|
| SampID: LCS            |      |               |      |            |       |             |      |              |            |               |               |
| Analyses               | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Total Dissolved Solids |      | 20            |      | 948        | 1000  | 0           | 94.8 | 90           | 110        | 03/08/2024    |               |

| Batch R344178            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24020001-047ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 20            | H    | 1050       |       |             |      | 1008         | 4.46 | 03/08/2024    |               |

| Batch R344178            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24030421-002ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 20            |      | 490        |       |             |      | 460.0        | 6.32 | 03/08/2024    |               |

| Batch R344178            |      | SampType: DUP |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24030547-001ADUP |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Total Dissolved Solids   |      | 50            |      | 3490       |       |             |      | 3655         | 4.62 | 03/08/2024    |               |

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

| Batch R343163            |      | SampType: MBLK |      | Units mg/L |        |             |      | RPD Limit 10 |            |               | Date Analyzed |
|--------------------------|------|----------------|------|------------|--------|-------------|------|--------------|------------|---------------|---------------|
| SampID: ICB/MBLK         |      |                |      |            |        |             |      |              |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Nitrogen, Ammonia (as N) |      | 0.10           |      | < 0.10     | 0.0270 | 0           | 0    | -100         | 100        | 02/16/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch R343163            |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: ICV/LCS          |      |               |      |            |       |             |       |           |            |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 1.00       | 1.000 | 0           | 100.0 | 90        | 110        | 02/16/2024    |  |

| Batch R343163            |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|--------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-008GMS  |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 1.89       | 2.000 | 0.05000     | 91.8 | 90        | 110        | 02/16/2024    |  |

| Batch R343163            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24020001-008GMSD |      |               |      |            |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 1.86       | 2.000 | 0.05000     | 90.8 | 1.887       | 1.17 | 02/16/2024    |  |

| Batch R343163            |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|--------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020763-003IMS  |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.20         | S    | 5.61       | 4.000 | 2.136       | 86.9 | 90        | 110        | 02/16/2024    |  |

| Batch R343163            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24020763-003IMSD |      |               |      |            |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.20          | S    | 5.65       | 4.000 | 2.136       | 87.8 | 5.613       | 0.64 | 02/16/2024    |  |

| Batch R343163            |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|--------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020894-001DMS  |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.20         |      | 5.56       | 4.000 | 1.781       | 94.6 | 90        | 110        | 02/16/2024    |  |

| Batch R343163            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24020894-001DMSD |      |               |      |            |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.20          |      | 5.48       | 4.000 | 1.781       | 92.4 | 5.564       | 1.61 | 02/16/2024    |  |

| Batch R343163            |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|--------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021018-007BMS  |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 1.94       | 2.000 | 0.03000     | 95.6 | 90        | 110        | 02/16/2024    |  |



## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

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

| Batch R343163            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021018-007BMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 1.90       | 2.000 | 0.03000     | 93.5 | 1.941        | 2.13 | 02/16/2024    |               |

| Batch R343163            |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 10 |            | Date Analyzed |
|--------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|
| SampID: 24021046-001AMS  |      |              |      |            |       |             |      |              |            |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 1.89       | 2.000 | 0           | 94.7 | 90           | 110        | 02/16/2024    |

| Batch R343163            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021046-001AMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 1.93       | 2.000 | 0           | 96.4 | 1.894        | 1.73 | 02/16/2024    |               |

| Batch R343163            |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 10 |            | Date Analyzed |
|--------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|
| SampID: 24021172-001JMS  |      |              |      |            |       |             |      |              |            |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 1.00         | E    | 52.8       | 20.00 | 34.60       | 90.8 | 90           | 110        | 02/16/2024    |

| Batch R343163            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021172-001JMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Ammonia (as N) |      | 1.00          | E    | 53.4       | 20.00 | 34.60       | 94.2 | 52.75        | 1.28 | 02/16/2024    |               |

| Batch R343258            |      | SampType: MBLK |      | Units mg/L |        |             |      | RPD Limit 10 |            | Date Analyzed |
|--------------------------|------|----------------|------|------------|--------|-------------|------|--------------|------------|---------------|
| SampID: ICB/MBLK         |      |                |      |            |        |             |      |              |            |               |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10           |      | < 0.10     | 0.0270 | 0           | 0    | -100         | 100        | 02/19/2024    |

| Batch R343258            |      | SampType: LCS |      | Units mg/L |       |             |      | RPD Limit 10 |            | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------------|---------------|
| SampID: ICV/LCS          |      |               |      |            |       |             |      |              |            |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 0.99       | 1.000 | 0           | 99.4 | 90           | 110        | 02/19/2024    |

| Batch R343258            |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 10 |            | Date Analyzed |
|--------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|
| SampID: 24020001-016EMS  |      |              |      |            |       |             |      |              |            |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 1.84       | 2.000 | 0           | 92.0 | 90           | 110        | 02/19/2024    |



## Quality Control Results

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020001  
**Report Date:** 09-Apr-24

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

| Batch R343258            |      | SampType: MSD |      | Units mg/L |       |             | RPD Limit 10 |             |      |               |
|--------------------------|------|---------------|------|------------|-------|-------------|--------------|-------------|------|---------------|
| SampID: 24020001-016EMSD |      |               |      |            |       |             |              |             |      |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 1.85       | 2.000 | 0           | 92.4         | 1.841       | 0.33 | 02/19/2024    |

| Batch R343258            |      | SampType: MS |      | Units mg/L |       |             | RPD Limit 10 |           |            |               |
|--------------------------|------|--------------|------|------------|-------|-------------|--------------|-----------|------------|---------------|
| SampID: 24020001-020FMS  |      |              |      |            |       |             |              |           |            |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC         | Low Limit | High Limit | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 1.85       | 2.000 | 0.04400     | 90.2         | 90        | 110        | 02/19/2024    |

| Batch R343258             |      | SampType: MSD |      | Units mg/L |       |             | RPD Limit 10 |             |      |               |
|---------------------------|------|---------------|------|------------|-------|-------------|--------------|-------------|------|---------------|
| SampID: 24020001-020FMMSD |      |               |      |            |       |             |              |             |      |               |
| Analyses                  | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Nitrogen, Ammonia (as N)  |      | 0.10          | S    | 1.76       | 2.000 | 0.04400     | 85.7         | 1.847       | 4.94 | 02/19/2024    |

| Batch R343258            |      | SampType: MS |      | Units mg/L |       |             | RPD Limit 10 |           |            |               |
|--------------------------|------|--------------|------|------------|-------|-------------|--------------|-----------|------------|---------------|
| SampID: 24021086-001BMS  |      |              |      |            |       |             |              |           |            |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC         | Low Limit | High Limit | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 1.00         |      | 28.5       | 20.00 | 9.698       | 94.2         | 90        | 110        | 02/19/2024    |

| Batch R343258             |      | SampType: MSD |      | Units mg/L |       |             | RPD Limit 10 |             |      |               |
|---------------------------|------|---------------|------|------------|-------|-------------|--------------|-------------|------|---------------|
| SampID: 24021086-001BMMSD |      |               |      |            |       |             |              |             |      |               |
| Analyses                  | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Nitrogen, Ammonia (as N)  |      | 1.00          |      | 28.4       | 20.00 | 9.698       | 93.3         | 28.55       | 0.64 | 02/19/2024    |

| Batch R343258            |      | SampType: MS |      | Units mg/L |       |             | RPD Limit 10 |           |            |               |
|--------------------------|------|--------------|------|------------|-------|-------------|--------------|-----------|------------|---------------|
| SampID: 24021292-001AMS  |      |              |      |            |       |             |              |           |            |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC         | Low Limit | High Limit | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 2.61       | 2.000 | 0.7460      | 93.0         | 90        | 110        | 02/19/2024    |

| Batch R343258             |      | SampType: MSD |      | Units mg/L |       |             | RPD Limit 10 |             |      |               |
|---------------------------|------|---------------|------|------------|-------|-------------|--------------|-------------|------|---------------|
| SampID: 24021292-001AMMSD |      |               |      |            |       |             |              |             |      |               |
| Analyses                  | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Nitrogen, Ammonia (as N)  |      | 0.10          |      | 2.62       | 2.000 | 0.7460      | 93.6         | 2.606       | 0.46 | 02/19/2024    |

| Batch R343258            |      | SampType: MS |      | Units mg/L |       |             | RPD Limit 10 |           |            |               |
|--------------------------|------|--------------|------|------------|-------|-------------|--------------|-----------|------------|---------------|
| SampID: 24021354-002CMS  |      |              |      |            |       |             |              |           |            |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC         | Low Limit | High Limit | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 1.95       | 2.000 | 0           | 97.4         | 90        | 110        | 02/19/2024    |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                    | R343258 | SampType: | MSD  | Units mg/L |       |             | RPD Limit 10 |             |      |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|-------|-------------|--------------|-------------|------|------------|---------------|
| SampID: 24021354-002CMSD |         |           |      |            |       |             |              |             |      |            |               |
| 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           | 96.6         | 1.948       | 0.88 | 02/19/2024 |               |

| Batch                    | R343391 | SampType: | MBLK | Units mg/L |        |             | RPD Limit 10 |           |            |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|--------|-------------|--------------|-----------|------------|------------|---------------|
| SampID: ICB/MBLK         |         |           |      |            |        |             |              |           |            |            |               |
| 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        | 02/21/2024 |               |

| Batch                    | R343391 | SampType: | LCS  | Units mg/L |       |             | RPD Limit 10 |           |            |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|-------|-------------|--------------|-----------|------------|------------|---------------|
| SampID: ICB/LCS          |         |           |      |            |       |             |              |           |            |            |               |
| Analyses                 | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC         | Low Limit | High Limit |            |               |
| Nitrogen, Ammonia (as N) |         | 0.10      |      | 1.02       | 1.000 | 0           | 102.3        | 90        | 110        | 02/21/2024 |               |

| Batch                    | R343391 | SampType: | MS   | Units mg/L |       |             | RPD Limit 10 |           |            |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|-------|-------------|--------------|-----------|------------|------------|---------------|
| SampID: 24021454-003AMS  |         |           |      |            |       |             |              |           |            |            |               |
| Analyses                 | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC         | Low Limit | High Limit |            |               |
| Nitrogen, Ammonia (as N) |         | 0.10      |      | 2.77       | 2.000 | 0.8330      | 97.0         | 90        | 110        | 02/21/2024 |               |

| Batch                    | R343391 | SampType: | MSD  | Units mg/L |       |             | RPD Limit 10 |             |      |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|-------|-------------|--------------|-------------|------|------------|---------------|
| SampID: 24021454-003AMSD |         |           |      |            |       |             |              |             |      |            |               |
| Analyses                 | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD |            |               |
| Nitrogen, Ammonia (as N) |         | 0.10      |      | 2.73       | 2.000 | 0.8330      | 94.9         | 2.772       | 1.49 | 02/21/2024 |               |

| Batch                    | R343391 | SampType: | MS   | Units mg/L |       |             | RPD Limit 10 |           |            |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|-------|-------------|--------------|-----------|------------|------------|---------------|
| SampID: 24021468-002BMS  |         |           |      |            |       |             |              |           |            |            |               |
| Analyses                 | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC         | Low Limit | High Limit |            |               |
| Nitrogen, Ammonia (as N) |         | 0.10      |      | 2.24       | 2.000 | 0.3640      | 94.0         | 90        | 110        | 02/21/2024 |               |

| Batch                    | R343391 | SampType: | MSD  | Units mg/L |       |             | RPD Limit 10 |             |      |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|-------|-------------|--------------|-------------|------|------------|---------------|
| SampID: 24021468-002BMSD |         |           |      |            |       |             |              |             |      |            |               |
| Analyses                 | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD |            |               |
| Nitrogen, Ammonia (as N) |         | 0.10      |      | 2.22       | 2.000 | 0.3640      | 92.7         | 2.245       | 1.21 | 02/21/2024 |               |

| Batch                    | R343465 | SampType: | MBLK | Units mg/L |        |             | RPD Limit 10 |           |            |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|--------|-------------|--------------|-----------|------------|------------|---------------|
| SampID: ICB/MBLK         |         |           |      |            |        |             |              |           |            |            |               |
| 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        | 02/23/2024 |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch R343465            |      | SampType: 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          |      | <b>0.98</b> | 1.000 | 0           | 98.2 | 90        | 110        | 02/23/2024    |  |

| Batch R343465            |      | SampType: MS |      | Units mg/L  |       |             |      |           |            |               |  |
|--------------------------|------|--------------|------|-------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020901-002EMS  |      |              |      |             |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10         | E    | <b>6.09</b> | 2.000 | 4.210       | 94.1 | 90        | 110        | 02/23/2024    |  |

| Batch R343465            |      | SampType: MSD |      | Units mg/L  |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|-------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24020901-002EMSD |      |               |      |             |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10          | E    | <b>6.10</b> | 2.000 | 4.210       | 94.6 | 6.092       | 0.16 | 02/23/2024    |  |

| Batch R343465            |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|--------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021442-002BMS  |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 5.00         |      | <b>121</b> | 100.0 | 26.29       | 94.6 | 90        | 110        | 02/23/2024    |  |

| Batch R343465            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24021442-002BMSD |      |               |      |            |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 5.00          |      | <b>120</b> | 100.0 | 26.29       | 94.0 | 120.9       | 0.47 | 02/23/2024    |  |

| Batch R343465            |      | SampType: MS |      | Units mg/L  |       |             |      |           |            |               |  |
|--------------------------|------|--------------|------|-------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021459-001BMS  |      |              |      |             |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 2.00         | S    | <b>36.5</b> | 40.00 | 9.752       | 67.0 | 90        | 110        | 02/23/2024    |  |

| Batch R343465            |      | SampType: MSD |      | Units mg/L  |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|-------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24021459-001BMSD |      |               |      |             |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 2.00          | S    | <b>36.4</b> | 40.00 | 9.752       | 66.7 | 36.55       | 0.33 | 02/23/2024    |  |

| Batch R343465            |      | SampType: MS |      | Units mg/L  |       |             |      |           |            |               |  |
|--------------------------|------|--------------|------|-------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021516-007BMS  |      |              |      |             |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | <b>1.92</b> | 2.000 | 0.04100     | 93.9 | 90        | 110        | 02/23/2024    |  |



## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

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

| Batch R343465            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021516-007BMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 1.95       | 2.000 | 0.04100     | 95.6 | 1.919        | 1.70 | 02/23/2024    |  |

| Batch R343465            |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 10 |            |               |  |
|--------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24021541-001AMS  |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 1.91       | 2.000 | 0           | 95.4 | 90           | 110        | 02/23/2024    |  |

| Batch R343465            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021541-001AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 1.88       | 2.000 | 0           | 94.1 | 1.907        | 1.32 | 02/23/2024    |  |

| Batch R343465            |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 10 |            |               |  |
|--------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24021551-002BMS  |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 1.84       | 2.000 | 0           | 92.2 | 90           | 110        | 02/23/2024    |  |

| Batch R343465            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021551-002BMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 1.91       | 2.000 | 0           | 95.3 | 1.845        | 3.25 | 02/23/2024    |  |

| Batch R343465            |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 10 |            |               |  |
|--------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24021558-001EMS  |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 2.66       | 2.000 | 0.7930      | 93.2 | 90           | 110        | 02/23/2024    |  |

| Batch R343465            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021558-001EMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 2.69       | 2.000 | 0.7930      | 95.0 | 2.657        | 1.35 | 02/23/2024    |  |

| Batch R343465            |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 10 |            |               |  |
|--------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24021615-004EMS  |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 1.90       | 2.000 | 0           | 94.9 | 90           | 110        | 02/23/2024    |  |



## Quality Control Results

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020001  
**Report Date:** 09-Apr-24

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

| Batch R343465            |      | SampType: MSD |      | Units mg/L |       |             | RPD Limit 10 |             |      |               |
|--------------------------|------|---------------|------|------------|-------|-------------|--------------|-------------|------|---------------|
| SampID: 24021615-004EMSD |      |               |      |            |       |             |              |             |      |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 1.89       | 2.000 | 0           | 94.4         | 1.898       | 0.53 | 02/23/2024    |

| Batch R343465            |      | SampType: MS |      | Units mg/L |       |             | RPD Limit 10 |           |            |               |
|--------------------------|------|--------------|------|------------|-------|-------------|--------------|-----------|------------|---------------|
| SampID: 24021693-004DMS  |      |              |      |            |       |             |              |           |            |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC         | Low Limit | High Limit | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10         |      | 1.90       | 2.000 | 0           | 94.9         | 90        | 110        | 02/23/2024    |

| Batch R343465            |      | SampType: MSD |      | Units mg/L |       |             | RPD Limit 10 |             |      |               |
|--------------------------|------|---------------|------|------------|-------|-------------|--------------|-------------|------|---------------|
| SampID: 24021693-004DMSD |      |               |      |            |       |             |              |             |      |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Nitrogen, Ammonia (as N) |      | 0.10          |      | 1.91       | 2.000 | 0           | 95.4         | 1.898       | 0.58 | 02/23/2024    |

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

| Batch R343137            |      | SampType: MS |      | Units mg/L |        |             | RPD Limit 10 |           |            |               |
|--------------------------|------|--------------|------|------------|--------|-------------|--------------|-----------|------------|---------------|
| SampID: 24020001-005BMS  |      |              |      |            |        |             |              |           |            |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC         | Low Limit | High Limit | Date Analyzed |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.49       | 0.5000 | 0.005000    | 96.8         | 85        | 115        | 02/15/2024    |

| Batch R343137            |      | SampType: MSD |      | Units mg/L |        |             | RPD Limit 10 |             |      |               |
|--------------------------|------|---------------|------|------------|--------|-------------|--------------|-------------|------|---------------|
| SampID: 24020001-005BMSD |      |               |      |            |        |             |              |             |      |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.49       | 0.5000 | 0.005000    | 96.8         | 0.4890      | 0.00 | 02/15/2024    |

| Batch R343137            |      | SampType: MS |      | Units mg/L |        |             | RPD Limit 10 |           |            |               |
|--------------------------|------|--------------|------|------------|--------|-------------|--------------|-----------|------------|---------------|
| SampID: 24020001-006BMS  |      |              |      |            |        |             |              |           |            |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC         | Low Limit | High Limit | Date Analyzed |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.47       | 0.5000 | 0           | 93.8         | 85        | 115        | 02/15/2024    |

| Batch R343137            |      | SampType: MSD |      | Units mg/L |        |             | RPD Limit 10 |             |      |               |
|--------------------------|------|---------------|------|------------|--------|-------------|--------------|-------------|------|---------------|
| SampID: 24020001-006BMSD |      |               |      |            |        |             |              |             |      |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.47       | 0.5000 | 0           | 93.8         | 0.4690      | 0.00 | 02/15/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch R343198            |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-004BMS  |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.48       | 0.5000 | 0           | 95.4 | 85        | 115        | 02/16/2024    |               |

| Batch R343198            |      | SampType: MSD |      | Units mg/L |        |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-004BMSD |      |               |      |            |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.47       | 0.5000 | 0           | 94.8 | 0.4770      | 0.63 | 02/16/2024    |              |               |

| Batch R343198            |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-013BMS  |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.48       | 0.5000 | 0           | 95.6 | 85        | 115        | 02/16/2024    |               |

| Batch R343198            |      | SampType: MSD |      | Units mg/L |        |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-013BMSD |      |               |      |            |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.48       | 0.5000 | 0           | 96.2 | 0.4780      | 0.63 | 02/16/2024    |              |               |

| Batch R343316            |      | SampType: MS |      | Units mg/L |        |             |       |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-025BMS  |      |              |      |            |        |             |       |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.51       | 0.5000 | 0           | 102.4 | 85        | 115        | 02/20/2024    |               |

| Batch R343316            |      | SampType: MSD |      | Units mg/L |        |             |       |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-025BMSD |      |               |      |            |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.52       | 0.5000 | 0           | 104.2 | 0.5120      | 1.74 | 02/20/2024    |              |               |

| Batch R343380            |      | SampType: MS |      | Units mg/L |        |             |       |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24021571-001AMS  |      |              |      |            |        |             |       |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.52       | 0.5000 | 0           | 103.2 | 85        | 115        | 02/21/2024    |               |

| Batch R343380            |      | SampType: MSD |      | Units mg/L |        |             |       |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021571-001AMSD |      |               |      |            |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.50       | 0.5000 | 0           | 100.8 | 0.5160      | 2.35 | 02/21/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch R343446            |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020901-002BMS  |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.50       | 0.5000 | 0           | 99.6 | 85        | 115        | 02/22/2024    |               |

| Batch R343446            |      | SampType: MSD |      | Units mg/L |        |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020901-002BMSD |      |               |      |            |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.49       | 0.5000 | 0           | 97.4 | 0.4980      | 2.23 | 02/22/2024    |              |               |

| Batch R343446            |      | SampType: MS |      | Units mg/L |        |             |       |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020901-004BMS  |      |              |      |            |        |             |       |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.50       | 0.5000 | 0           | 100.0 | 85        | 115        | 02/22/2024    |               |

| Batch R343446            |      | SampType: MSD |      | Units mg/L |        |             |       |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020901-004BMSD |      |               |      |            |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.50       | 0.5000 | 0           | 100.2 | 0.5000      | 0.20 | 02/22/2024    |              |               |

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

| Batch R343137            |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK             |      |                |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05           |      | < 0.05     | 0.0250 | 0           | 0    | -100      | 100        | 02/15/2024    |               |
| Nitrogen, Nitrite (as N) |      | 0.05           |      | < 0.05     | 0.0250 | 0           | 0    | -100      | 100        | 02/15/2024    |               |

| Batch R343137            |      | SampType: LCS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS              |      |               |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.30       | 0.3045 | 0           | 99.8 | 90        | 110        | 02/15/2024    |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.30       | 0.3045 | 0           | 99.8 | 90        | 110        | 02/15/2024    |               |

| Batch R343137            |      | SampType: MS |      | Units mg/L |        |             |       |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24021212-001AMS  |      |              |      |            |        |             |       |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.50       | 0.5000 | 0           | 100.6 | 85        | 115        | 02/15/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                    | R343137 | SampType: | MSD  | Units mg/L |        |             | RPD Limit 10 |             |      |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|--------|-------------|--------------|-------------|------|------------|---------------|
| 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           | 100.2        | 0.5030      | 0.40 | 02/15/2024 |               |

| Batch                    | R343198 | SampType: | MBLK | Units mg/L |        |             | RPD Limit 10 |           |            |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|--------|-------------|--------------|-----------|------------|------------|---------------|
| Analyses                 | Cert    | RL        | Qual | Result     | Spike  | SPK Ref Val | %REC         | Low Limit | High Limit |            |               |
| Nitrogen, Nitrite (as N) |         | 0.05      |      | < 0.05     | 0.0250 | 0           | 0            | -100      | 100        | 02/16/2024 |               |

| Batch                    | R343198 | SampType: | LCS  | Units mg/L |        |             | RPD Limit 10 |           |            |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|--------|-------------|--------------|-----------|------------|------------|---------------|
| Analyses                 | Cert    | RL        | Qual | Result     | Spike  | SPK Ref Val | %REC         | Low Limit | High Limit |            |               |
| Nitrogen, Nitrite (as N) |         | 0.05      |      | 0.31       | 0.3045 | 0           | 101.8        | 90        | 110        | 02/16/2024 |               |

| Batch                    | R343198 | SampType: | MS   | Units mg/L |        |             | RPD Limit 10 |           |            |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|--------|-------------|--------------|-----------|------------|------------|---------------|
| Analyses                 | Cert    | RL        | Qual | Result     | Spike  | SPK Ref Val | %REC         | Low Limit | High Limit |            |               |
| Nitrogen, Nitrite (as N) |         | 0.05      |      | 0.49       | 0.5000 | 0           | 97.2         | 85        | 115        | 02/16/2024 |               |

| Batch                    | R343198 | SampType: | MSD  | Units mg/L |        |             | RPD Limit 10 |             |      |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|--------|-------------|--------------|-------------|------|------------|---------------|
| 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           | 96.8         | 0.4860      | 0.41 | 02/16/2024 |               |

| Batch                    | R343316 | SampType: | MBLK | Units mg/L |        |             | RPD Limit 10 |           |            |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|--------|-------------|--------------|-----------|------------|------------|---------------|
| Analyses                 | Cert    | RL        | Qual | Result     | Spike  | SPK Ref Val | %REC         | Low Limit | High Limit |            |               |
| Nitrogen, Nitrite (as N) |         | 0.05      |      | < 0.05     | 0.0250 | 0           | 0            | -100      | 100        | 02/20/2024 |               |
| Nitrogen, Nitrite (as N) |         | 0.05      |      | < 0.05     | 0.0250 | 0           | 0            | -100      | 100        | 02/20/2024 |               |

| Batch                    | R343316 | SampType: | LCS  | Units mg/L |        |             | RPD Limit 10 |           |            |            | Date Analyzed |
|--------------------------|---------|-----------|------|------------|--------|-------------|--------------|-----------|------------|------------|---------------|
| Analyses                 | Cert    | RL        | Qual | Result     | Spike  | SPK Ref Val | %REC         | Low Limit | High Limit |            |               |
| Nitrogen, Nitrite (as N) |         | 0.05      |      | 0.31       | 0.3045 | 0           | 102.1        | 90        | 110        | 02/20/2024 |               |
| Nitrogen, Nitrite (as N) |         | 0.05      |      | 0.31       | 0.3045 | 0           | 102.1        | 90        | 110        | 02/20/2024 |               |





## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

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

| Batch R343316            |      | SampType: MS |      | Units mg/L |        |             |       |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-042AMS  |      |              |      |            |        |             |       |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.51       | 0.5000 | 0           | 102.8 | 85        | 115        | 02/20/2024    |               |

| Batch R343316            |      | SampType: MSD |      | Units mg/L |        |             |       |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-042AMSD |      |               |      |            |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.52       | 0.5000 | 0           | 105.0 | 0.5140      | 2.12 | 02/20/2024    |              |               |

| Batch R343316            |      | SampType: MS |      | Units mg/L |        |             |       |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24021461-001AMS  |      |              |      |            |        |             |       |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.66       | 0.5000 | 0.1550      | 101.8 | 85        | 115        | 02/20/2024    |               |

| Batch R343316            |      | SampType: MSD |      | Units mg/L |        |             |       |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021461-001AMSD |      |               |      |            |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.66       | 0.5000 | 0.1550      | 100.8 | 0.6640      | 0.76 | 02/20/2024    |              |               |

| Batch R343380            |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK             |      |                |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05           |      | < 0.05     | 0.0250 | 0           | 0    | -100      | 100        | 02/21/2024    |               |

| Batch R343380            |      | SampType: LCS |      | Units mg/L |        |             |       |           |            |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: LCS              |      |               |      |            |        |             |       |           |            |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.32       | 0.3045 | 0           | 104.4 | 90        | 110        | 02/21/2024    |               |

| Batch R343380            |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021509-001AMS  |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.47       | 0.5000 | 0           | 94.2 | 85        | 115        | 02/21/2024    |               |

| Batch R343380            |      | SampType: MSD |      | Units mg/L |        |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021509-001AMSD |      |               |      |            |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.44       | 0.5000 | 0           | 88.0 | 0.4710      | 6.81 | 02/21/2024    |              |               |



## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

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

| Batch R343380            |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021534-001AMS  |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05         |      | 0.51       | 0.5000 | 0.02300     | 97.6 | 85        | 115        | 02/21/2024    |               |

| Batch R343380            |      | SampType: MSD |      | Units mg/L |        |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021534-001AMSD |      |               |      |            |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.51       | 0.5000 | 0.02300     | 97.0 | 0.5110      | 0.59 | 02/21/2024    |              |               |

| Batch R343446            |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK             |      |                |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05           |      | < 0.05     | 0.0250 | 0           | 0    | -100      | 100        | 02/22/2024    |               |

| Batch R343446            |      | SampType: LCS |      | Units mg/L |        |             |       |           |            |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: LCS              |      |               |      |            |        |             |       |           |            |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrite (as N) |      | 0.05          |      | 0.32       | 0.3045 | 0           | 104.1 | 90        | 110        | 02/22/2024    |               |

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

| Batch R343164                    |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|----------------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-010BMS          |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                         | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050        |      | 0.496      | 0.2500 | 0.2630      | 93.2 | 85        | 115        | 02/15/2024    |               |

| Batch R343164                    |      | SampType: MSD |      | Units mg/L |        |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|----------------------------------|------|---------------|------|------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-010BMSD         |      |               |      |            |        |             |      |             |      |               |              |               |
| Analyses                         | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         |      | 0.486      | 0.2500 | 0.2630      | 89.2 | 0.4960      | 2.04 | 02/15/2024    |              |               |

| Batch R343269                    |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|----------------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-017BMS          |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                         | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050        |      | 0.481      | 0.2500 | 0.2600      | 88.4 | 85        | 115        | 02/16/2024    |               |



## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

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

| Batch                            | R343269 | SampType: | MSD  | Units mg/L   |        |             | RPD Limit 10 |             |      |               | Date Analyzed |
|----------------------------------|---------|-----------|------|--------------|--------|-------------|--------------|-------------|------|---------------|---------------|
| SampID: 24020001-017BMSD         |         |           |      |              |        |             |              |             |      |               |               |
| Analyses                         | Cert    | RL        | Qual | Result       | Spike  | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |         | 0.050     |      | <b>0.485</b> | 0.2500 | 0.2600      | 90.0         | 0.4810      | 0.83 | 02/16/2024    |               |

| Batch                            | R343443 | SampType: | MS   | Units mg/L   |        |             | RPD Limit 10 |           |            |               | Date Analyzed |
|----------------------------------|---------|-----------|------|--------------|--------|-------------|--------------|-----------|------------|---------------|---------------|
| SampID: 24020901-005BMS          |         |           |      |              |        |             |              |           |            |               |               |
| Analyses                         | Cert    | RL        | Qual | Result       | Spike  | SPK Ref Val | %REC         | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |         | 0.050     |      | <b>0.694</b> | 0.2500 | 0.4430      | 100.4        | 90        | 110        | 02/22/2024    |               |

| Batch                            | R343443 | SampType: | MSD  | Units mg/L   |        |             | RPD Limit 10 |             |      |               | Date Analyzed |
|----------------------------------|---------|-----------|------|--------------|--------|-------------|--------------|-------------|------|---------------|---------------|
| SampID: 24020901-005BMSD         |         |           |      |              |        |             |              |             |      |               |               |
| Analyses                         | Cert    | RL        | Qual | Result       | Spike  | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |         | 0.050     |      | <b>0.696</b> | 0.2500 | 0.4430      | 101.2        | 0.6940      | 0.29 | 02/22/2024    |               |

| Batch                            | R343443 | SampType: | MS   | Units mg/L  |       |             | RPD Limit 10 |           |            |               | Date Analyzed |
|----------------------------------|---------|-----------|------|-------------|-------|-------------|--------------|-----------|------------|---------------|---------------|
| SampID: 24021571-002AMS          |         |           |      |             |       |             |              |           |            |               |               |
| Analyses                         | Cert    | RL        | Qual | Result      | Spike | SPK Ref Val | %REC         | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |         | 0.500     |      | <b>8.27</b> | 2.500 | 5.760       | 100.6        | 85        | 115        | 02/22/2024    |               |

| Batch                            | R343443 | SampType: | MSD  | Units mg/L  |       |             | RPD Limit 10 |             |      |               | Date Analyzed |
|----------------------------------|---------|-----------|------|-------------|-------|-------------|--------------|-------------|------|---------------|---------------|
| SampID: 24021571-002AMSD         |         |           |      |             |       |             |              |             |      |               |               |
| Analyses                         | Cert    | RL        | Qual | Result      | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |         | 0.500     |      | <b>8.10</b> | 2.500 | 5.760       | 93.4         | 8.274       | 2.17 | 02/22/2024    |               |

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

| Batch                            | R343164 | SampType: | MBLK | Units mg/L        |        |             | RPD Limit 10 |           |            |               | Date Analyzed |
|----------------------------------|---------|-----------|------|-------------------|--------|-------------|--------------|-----------|------------|---------------|---------------|
| 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     |      | <b>&lt; 0.050</b> |        |             |              |           |            | 02/15/2024    |               |
| Nitrogen, Nitrate-Nitrite (as N) |         | 0.050     |      | <b>&lt; 0.050</b> | 0.0090 | 0           | 0            | -100      | 100        | 02/15/2024    |               |

| Batch                            | R343164 | SampType: | LCS  | Units mg/L   |        |             | RPD Limit 10 |           |            |               | Date Analyzed |
|----------------------------------|---------|-----------|------|--------------|--------|-------------|--------------|-----------|------------|---------------|---------------|
| 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     |      | <b>0.513</b> | 0.5000 | 0           | 102.6        | 90        | 110        | 02/15/2024    |               |



## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

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

| Batch R343164                    |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|----------------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021019-003AMS          |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                         | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 1.00         |      | 11.4       | 5.000 | 6.744       | 92.5 | 90        | 110        | 02/15/2024    |               |

| Batch R343164                    |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|----------------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021019-003AMSD         |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                         | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 1.00          |      | 11.4       | 5.000 | 6.744       | 93.1 | 11.37       | 0.26 | 02/15/2024    |              |               |

| Batch R343164                    |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|----------------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021083-004AMS          |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                         | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050        |      | 0.214      | 0.2500 | 0           | 85.6 | 85        | 115        | 02/15/2024    |               |

| Batch R343164                    |      | SampType: MSD |      | Units mg/L |        |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|----------------------------------|------|---------------|------|------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021083-004AMSD         |      |               |      |            |        |             |      |             |      |               |              |               |
| Analyses                         | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         |      | 0.215      | 0.2500 | 0           | 86.0 | 0.2140      | 0.47 | 02/15/2024    |              |               |

| Batch R343164                    |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|----------------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021085-001AMS          |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                         | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050        | S    | 0.194      | 0.2500 | 0           | 77.6 | 85        | 115        | 02/15/2024    |               |

| Batch R343164                    |      | SampType: MSD |      | Units mg/L |        |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|----------------------------------|------|---------------|------|------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021085-001AMSD         |      |               |      |            |        |             |      |             |      |               |              |               |
| Analyses                         | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         | S    | 0.196      | 0.2500 | 0           | 78.4 | 0.1940      | 1.03 | 02/15/2024    |              |               |

| Batch R343164                    |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|----------------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021127-001CMS          |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                         | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050        | S    | 0.220      | 0.2500 | 0.01100     | 83.6 | 90        | 110        | 02/15/2024    |               |

| Batch R343164                    |      | SampType: MSD |      | Units mg/L |        |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|----------------------------------|------|---------------|------|------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021127-001CMSD         |      |               |      |            |        |             |      |             |      |               |              |               |
| Analyses                         | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         | S    | 0.224      | 0.2500 | 0.01100     | 85.2 | 0.2200      | 1.80 | 02/15/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch R343164                    |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |            | Date Analyzed |
|----------------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24021127-009CMS          |      |              |      |              |        |             |      |           |            |            |               |
| Analyses                         | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050        | S    | <b>0.221</b> | 0.2500 | 0           | 88.4 | 90        | 110        | 02/15/2024 |               |

| Batch R343164                    |      | SampType: MSD |      | Units mg/L   |        |             |      |             |      |              | Date Analyzed |
|----------------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|------|--------------|---------------|
| SampID: 24021127-009CMSD         |      |               |      |              |        |             |      |             |      |              |               |
| Analyses                         | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | RPD Limit 10 |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         |      | <b>0.228</b> | 0.2500 | 0           | 91.2 | 0.2210      | 3.12 | 02/15/2024   |               |

| Batch R343164                    |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |            | Date Analyzed |
|----------------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24021219-006BMS          |      |              |      |              |        |             |      |           |            |            |               |
| Analyses                         | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050        | S    | <b>0.224</b> | 0.2500 | 0.01200     | 84.8 | 85        | 115        | 02/15/2024 |               |

| Batch R343164                    |      | SampType: MSD |      | Units mg/L   |        |             |      |             |       |              | Date Analyzed |
|----------------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|-------|--------------|---------------|
| SampID: 24021219-006BMSD         |      |               |      |              |        |             |      |             |       |              |               |
| Analyses                         | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD  | RPD Limit 10 |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         | SR   | <b>0.193</b> | 0.2500 | 0.01200     | 72.4 | 0.2240      | 14.87 | 02/15/2024   |               |

| Batch R343269                    |      | 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          |      | <b>&lt; 0.050</b> |        |             |      |           |            | 02/16/2024 |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050          |      | <b>&lt; 0.050</b> | 0.0090 | 0           | 0    | -100      | 100        | 02/16/2024 |               |

| Batch R343269                    |      | 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         |      | <b>0.490</b> | 0.5000 | 0           | 98.0 | 90        | 110        | 02/16/2024 |               |

| Batch R343269                    |      | SampType: MS |      | Units mg/L  |        |             |      |           |            |            | Date Analyzed |
|----------------------------------|------|--------------|------|-------------|--------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24021230-003AMS          |      |              |      |             |        |             |      |           |            |            |               |
| Analyses                         | Cert | RL           | Qual | Result      | Spike  | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.100        |      | <b>1.43</b> | 0.5000 | 0.9840      | 90.0 | 85        | 115        | 02/16/2024 |               |



## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

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

| Batch R343269                    |      | SampType: MSD |      | Units mg/L |        |             |      | RPD Limit 10 |      |               | Date Analyzed |
|----------------------------------|------|---------------|------|------------|--------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021230-003AMSD         |      |               |      |            |        |             |      |              |      |               |               |
| Analyses                         | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.100         |      | 1.43       | 0.5000 | 0.9840      | 88.8 | 1.434        | 0.42 | 02/16/2024    |               |

| Batch R343269                    |      | SampType: MS |      | Units mg/L |        |             |      | RPD Limit 10 |            | Date Analyzed |
|----------------------------------|------|--------------|------|------------|--------|-------------|------|--------------|------------|---------------|
| SampID: 24021298-006CMS          |      |              |      |            |        |             |      |              |            |               |
| Analyses                         | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050        | S    | 0.210      | 0.2500 | 0           | 84.0 | 90           | 110        | 02/16/2024    |

| Batch R343269                    |      | SampType: MSD |      | Units mg/L |        |             |      | RPD Limit 10 |      |               | Date Analyzed |
|----------------------------------|------|---------------|------|------------|--------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021298-006CMSD         |      |               |      |            |        |             |      |              |      |               |               |
| Analyses                         | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         | S    | 0.201      | 0.2500 | 0           | 80.4 | 0.2100       | 4.38 | 02/16/2024    |               |

| Batch R343286                    |      | SampType: MBLK |      | Units mg/L |        |             |      | RPD Limit 10 |            | Date Analyzed |
|----------------------------------|------|----------------|------|------------|--------|-------------|------|--------------|------------|---------------|
| SampID: ICB/MBLK                 |      |                |      |            |        |             |      |              |            |               |
| Analyses                         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Nitrate (as N)         |      | 0.050          |      | < 0.050    |        |             |      |              |            | 02/20/2024    |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050          |      | < 0.050    | 0.0090 | 0           | 0    | -100         | 100        | 02/20/2024    |

| Batch R343286                    |      | SampType: LCS |      | Units mg/L |        |             |      | RPD Limit 10 |            | Date Analyzed |
|----------------------------------|------|---------------|------|------------|--------|-------------|------|--------------|------------|---------------|
| SampID: ICV/LCS                  |      |               |      |            |        |             |      |              |            |               |
| Analyses                         | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         |      | 0.494      | 0.5000 | 0           | 98.8 | 90           | 110        | 02/20/2024    |

| Batch R343286                    |      | SampType: MS |      | Units mg/L |       |             |       | RPD Limit 10 |            | Date Analyzed |
|----------------------------------|------|--------------|------|------------|-------|-------------|-------|--------------|------------|---------------|
| SampID: 24020001-025AMS          |      |              |      |            |       |             |       |              |            |               |
| Analyses                         | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.250        |      | 3.40       | 1.250 | 2.060       | 106.8 | 85           | 115        | 02/20/2024    |

| Batch R343286                    |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|----------------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24020001-025AMSD         |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                         | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.250         |      | 3.31       | 1.250 | 2.060       | 99.9 | 3.395        | 2.57 | 02/20/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch R343286                    |      | SampType: MS |      | Units mg/L   |        |             |       |           |            |               | Date Analyzed |
|----------------------------------|------|--------------|------|--------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24021276-002AMS          |      |              |      |              |        |             |       |           |            |               |               |
| Analyses                         | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050        |      | <b>0.288</b> | 0.2500 | 0.02700     | 104.4 | 90        | 110        | 02/20/2024    |               |

| Batch R343286                    |      | SampType: MSD |      | Units mg/L   |        |             |       |             |      |               | RPD Limit 10 | Date Analyzed |
|----------------------------------|------|---------------|------|--------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021276-002AMSD         |      |               |      |              |        |             |       |             |      |               |              |               |
| Analyses                         | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         |      | <b>0.285</b> | 0.2500 | 0.02700     | 103.2 | 0.2880      | 1.05 | 02/20/2024    |              |               |

| Batch R343286                    |      | SampType: MS |      | Units mg/L  |       |             |      |           |            |               | Date Analyzed |
|----------------------------------|------|--------------|------|-------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021347-002AMS          |      |              |      |             |       |             |      |           |            |               |               |
| Analyses                         | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 1.00         | E    | <b>23.3</b> | 5.000 | 18.59       | 94.0 | 90        | 110        | 02/20/2024    |               |

| Batch R343286                    |      | SampType: MSD |      | Units mg/L  |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|----------------------------------|------|---------------|------|-------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021347-002AMSD         |      |               |      |             |       |             |      |             |      |               |              |               |
| Analyses                         | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 1.00          | E    | <b>23.4</b> | 5.000 | 18.59       | 95.7 | 23.29       | 0.36 | 02/20/2024    |              |               |

| Batch R343351                    |      | SampType: MBLK |      | Units mg/L        |        |             |      |           |            |               | Date Analyzed |
|----------------------------------|------|----------------|------|-------------------|--------|-------------|------|-----------|------------|---------------|---------------|
| 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          |      | <b>&lt; 0.050</b> |        |             |      |           |            | 02/21/2024    |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050          |      | <b>&lt; 0.050</b> | 0.0090 | 0           | 0    | -100      | 100        | 02/21/2024    |               |

| Batch R343351                    |      | SampType: LCS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|----------------------------------|------|---------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| 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         |      | <b>0.490</b> | 0.5000 | 0           | 98.0 | 90        | 110        | 02/21/2024    |               |

| Batch R343351                    |      | SampType: MS |      | Units mg/L  |       |             |      |           |            |               | Date Analyzed |
|----------------------------------|------|--------------|------|-------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021447-003AMS          |      |              |      |             |       |             |      |           |            |               |               |
| Analyses                         | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 1.00         |      | <b>14.4</b> | 5.000 | 9.669       | 94.8 | 90        | 110        | 02/21/2024    |               |





## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

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

| Batch                            | R343351 | SampType: | MSD  | Units mg/L |       |             |       | RPD Limit 10 |      |               | Date Analyzed |
|----------------------------------|---------|-----------|------|------------|-------|-------------|-------|--------------|------|---------------|---------------|
| SampID: 24021447-003AMSD         |         |           |      |            |       |             |       |              |      |               |               |
| Analyses                         | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |         | 1.00      |      | 14.7       | 5.000 | 9.669       | 101.0 | 14.41        | 2.12 | 02/21/2024    |               |

| Batch                            | R343351 | SampType: | MS   | Units mg/L |       |             |      | RPD Limit 10 |            | Date Analyzed |
|----------------------------------|---------|-----------|------|------------|-------|-------------|------|--------------|------------|---------------|
| SampID: 24021461-001AMS          |         |           |      |            |       |             |      |              |            |               |
| Analyses                         | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Nitrate-Nitrite (as N) |         | 1.00      | S    | 18.9       | 5.000 | 14.49       | 88.0 | 90           | 110        | 02/21/2024    |

| Batch                            | R343351 | SampType: | MSD  | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|----------------------------------|---------|-----------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021461-001AMSD         |         |           |      |            |       |             |      |              |      |               |               |
| Analyses                         | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |         | 1.00      | S    | 18.6       | 5.000 | 14.49       | 82.6 | 18.88        | 1.45 | 02/21/2024    |               |

| Batch                            | R343351 | SampType: | MS   | Units mg/L |       |             |      | RPD Limit 10 |            | Date Analyzed |
|----------------------------------|---------|-----------|------|------------|-------|-------------|------|--------------|------------|---------------|
| SampID: 24021509-001AMS          |         |           |      |            |       |             |      |              |            |               |
| Analyses                         | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Nitrate-Nitrite (as N) |         | 5.00      |      | 43.3       | 25.00 | 20.03       | 93.3 | 90           | 110        | 02/21/2024    |

| Batch                            | R343351 | SampType: | MSD  | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|----------------------------------|---------|-----------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021509-001AMSD         |         |           |      |            |       |             |      |              |      |               |               |
| Analyses                         | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |         | 5.00      |      | 43.7       | 25.00 | 20.03       | 94.6 | 43.35        | 0.79 | 02/21/2024    |               |

| Batch                            | R343351 | SampType: | MS   | Units mg/L |       |             |       | RPD Limit 10 |            | Date Analyzed |
|----------------------------------|---------|-----------|------|------------|-------|-------------|-------|--------------|------------|---------------|
| SampID: 24021524-008AMS          |         |           |      |            |       |             |       |              |            |               |
| Analyses                         | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Nitrate-Nitrite (as N) |         | 1.00      |      | 11.0       | 5.000 | 5.914       | 100.8 | 85           | 115        | 02/21/2024    |

| Batch                            | R343351 | SampType: | MSD  | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|----------------------------------|---------|-----------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021524-008AMSD         |         |           |      |            |       |             |      |              |      |               |               |
| Analyses                         | Cert    | RL        | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |         | 1.00      |      | 10.8       | 5.000 | 5.914       | 97.1 | 10.95        | 1.68 | 02/21/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch R343443                    |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |            | Date |
|----------------------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|------------|------|
| SampID: ICB/MBLK                 |      |                |      |            |        |             |      |           |            |            |      |
| Analyses                         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Analyzed   |      |
| Nitrogen, Nitrate (as N)         |      | 0.050          |      | < 0.050    |        |             |      |           |            | 02/22/2024 |      |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050          |      | < 0.050    | 0.0090 | 0           | 0    | -100      | 100        | 02/22/2024 |      |

| Batch R343443                    |      | SampType: LCS |      | Units mg/L |        |             |       |           |            |            | Date |
|----------------------------------|------|---------------|------|------------|--------|-------------|-------|-----------|------------|------------|------|
| SampID: ICV/LCS                  |      |               |      |            |        |             |       |           |            |            |      |
| Analyses                         | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Analyzed   |      |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         |      | 0.503      | 0.5000 | 0           | 100.6 | 90        | 110        | 02/22/2024 |      |

| Batch R343443                    |      | SampType: MS |      | Units mg/L |        |             |       |           |            |            | Date |
|----------------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|------------|------|
| SampID: 24020001-078AMS          |      |              |      |            |        |             |       |           |            |            |      |
| Analyses                         | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Analyzed   |      |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050        |      | 0.475      | 0.2500 | 0.2250      | 100.0 | 85        | 115        | 02/22/2024 |      |

| Batch R343443                    |      | SampType: MSD |      | Units mg/L |        |             |       |             |      |            | RPD Limit 10 | Date |
|----------------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|------|------------|--------------|------|
| SampID: 24020001-078AMSD         |      |               |      |            |        |             |       |             |      |            |              |      |
| Analyses                         | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Analyzed   |              |      |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.050         |      | 0.479      | 0.2500 | 0.2250      | 101.6 | 0.4750      | 0.84 | 02/22/2024 |              |      |

| Batch R343443                    |      | SampType: MS |      | Units mg/L |        |             |       |           |            |            | Date |
|----------------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|------------|------|
| SampID: 24021555-002AMS          |      |              |      |            |        |             |       |           |            |            |      |
| Analyses                         | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Analyzed   |      |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.100        | E    | 2.05       | 0.5000 | 1.520       | 106.8 | 90        | 110        | 02/22/2024 |      |

| Batch R343443                    |      | SampType: MSD |      | Units mg/L |        |             |       |             |      |            | RPD Limit 10 | Date |
|----------------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|------|------------|--------------|------|
| SampID: 24021555-002AMSD         |      |               |      |            |        |             |       |             |      |            |              |      |
| Analyses                         | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Analyzed   |              |      |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.100         | E    | 2.03       | 0.5000 | 1.520       | 102.6 | 2.054       | 1.03 | 02/22/2024 |              |      |

| Batch R343443                    |      | SampType: MS |      | Units mg/L |       |             |      |           |            |            | Date |
|----------------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|------------|------|
| SampID: 24021615-003AMS          |      |              |      |            |       |             |      |           |            |            |      |
| Analyses                         | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Analyzed   |      |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.250        |      | 3.13       | 1.250 | 1.895       | 98.6 | 90        | 110        | 02/22/2024 |      |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch R343443                    |      | SampType: MSD |      | Units mg/L  |       |             |       | RPD Limit 10 |      |               | Date Analyzed |
|----------------------------------|------|---------------|------|-------------|-------|-------------|-------|--------------|------|---------------|---------------|
| SampID: 24021615-003AMSD         |      |               |      |             |       |             |       |              |      |               |               |
| Analyses                         | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 0.250         |      | <b>3.19</b> | 1.250 | 1.895       | 103.8 | 3.127        | 2.06 | 02/22/2024    |               |

| Batch R343443                    |      | SampType: MS |      | Units mg/L  |       |             |      | RPD Limit 10 |            | Date Analyzed |
|----------------------------------|------|--------------|------|-------------|-------|-------------|------|--------------|------------|---------------|
| SampID: 24021660-002AMS          |      |              |      |             |       |             |      |              |            |               |
| Analyses                         | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Nitrogen, Nitrate-Nitrite (as N) |      | 1.00         |      | <b>15.0</b> | 5.000 | 10.19       | 96.7 | 90           | 110        | 02/22/2024    |

| Batch R343443                    |      | SampType: MSD |      | Units mg/L  |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|----------------------------------|------|---------------|------|-------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021660-002AMSD         |      |               |      |             |       |             |      |              |      |               |               |
| Analyses                         | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Nitrogen, Nitrate-Nitrite (as N) |      | 1.00          |      | <b>14.9</b> | 5.000 | 10.19       | 95.1 | 15.02        | 0.51 | 02/22/2024    |               |

### SW-846 9012A (TOTAL)

| Batch 218736             |      | SampType: MBLK |      | Units mg/L        |        |             |      | RPD Limit 10 |            | Date Analyzed |
|--------------------------|------|----------------|------|-------------------|--------|-------------|------|--------------|------------|---------------|
| SampID: MBLK 240214 TCN1 |      |                |      |                   |        |             |      |              |            |               |
| Analyses                 | Cert | RL             | Qual | Result            | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Cyanide                  |      | 0.005          |      | <b>&lt; 0.005</b> | 0.0015 | 0           | 0    | -100         | 100        | 02/15/2024    |

| Batch 218736            |      | SampType: LCS |      | Units mg/L   |        |             |       | RPD Limit 10 |            | Date Analyzed |
|-------------------------|------|---------------|------|--------------|--------|-------------|-------|--------------|------------|---------------|
| SampID: LCS 240214 TCN1 |      |               |      |              |        |             |       |              |            |               |
| Analyses                | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |
| Cyanide                 |      | 0.005         |      | <b>0.025</b> | 0.0250 | 0           | 100.2 | 90           | 110        | 02/15/2024    |

| Batch 218736            |      | SampType: MS |      | Units mg/L   |        |             |       | RPD Limit 10 |            | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|-------|--------------|------------|---------------|
| SampID: 24020831-001CMS |      |              |      |              |        |             |       |              |            |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |
| Cyanide                 |      | 0.025        |      | <b>0.144</b> | 0.1250 | 0.01712     | 101.1 | 90           | 110        | 02/15/2024    |

| Batch 218736             |      | SampType: MSD |      | Units mg/L   |        |             |      | RPD Limit 15 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24020831-001CMSD |      |               |      |              |        |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Cyanide                  |      | 0.025         |      | <b>0.138</b> | 0.1250 | 0.01712     | 97.0 | 0.1436       | 3.64 | 02/15/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9012A (TOTAL)

| Batch 218736            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020991-002HMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | <b>0.025</b> | 0.0250 | 0           | 99.7 | 75        | 125        | 02/15/2024    |               |

| Batch 218736             |      | SampType: MSD |      | Units mg/L   |        |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020991-002HMSD |      |               |      |              |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         |      | <b>0.024</b> | 0.0250 | 0           | 97.9 | 0.02492     | 1.82 | 02/15/2024    |              |               |

| Batch 218790             |      | SampType: MBLK |      | Units mg/L        |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|-------------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK 240215 TCN1 |      |                |      |                   |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result            | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                  |      | 0.005          |      | <b>&lt; 0.005</b> | 0.0015 | 0           | 0    | -100      | 100        | 02/16/2024    |               |

| Batch 218790            |      | SampType: LCS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|---------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS 240215 TCN1 |      |               |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005         |      | <b>0.023</b> | 0.0250 | 0           | 90.9 | 90        | 110        | 02/16/2024    |               |

| Batch 218790            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-005EMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | <b>0.019</b> | 0.0250 | 0           | 77.0 | 75        | 125        | 02/16/2024    |               |

| Batch 218790             |      | SampType: MSD |      | Units mg/L   |        |             |      |             |       |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|-------|---------------|--------------|---------------|
| SampID: 24020001-005EMSD |      |               |      |              |        |             |      |             |       |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD  | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         | R    | <b>0.023</b> | 0.0250 | 0           | 93.8 | 0.01926     | 19.64 | 02/16/2024    |              |               |

| Batch 218790            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021110-001DMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | <b>0.024</b> | 0.0250 | 0           | 95.0 | 90        | 110        | 02/16/2024    |               |

| Batch 218790             |      | SampType: MSD |      | Units mg/L   |        |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021110-001DMSD |      |               |      |              |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         |      | <b>0.024</b> | 0.0250 | 0           | 97.6 | 0.02376     | 2.66 | 02/16/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9012A (TOTAL)

| Batch 218790            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021122-001CMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.025        |      | <b>0.137</b> | 0.1250 | 0.02172     | 92.0 | 90        | 110        | 02/16/2024    |               |

| Batch 218790             |      | SampType: MSD |      | Units mg/L   |        |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021122-001CMSD |      |               |      |              |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.025         |      | <b>0.146</b> | 0.1250 | 0.02172     | 99.2 | 0.1368      | 6.35 | 02/16/2024    |              |               |

| Batch 218792             |      | SampType: MBLK |      | Units mg/L        |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|-------------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK 240215 TCN2 |      |                |      |                   |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result            | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                  |      | 0.005          |      | <b>&lt; 0.005</b> | 0.0015 | 0           | 0    | -100      | 100        | 02/16/2024    |               |

| Batch 218792            |      | SampType: LCS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|---------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS 240215 TCN2 |      |               |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005         |      | <b>0.024</b> | 0.0250 | 0           | 96.6 | 90        | 110        | 02/16/2024    |               |

| Batch 218792            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020991-005EMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | <b>0.024</b> | 0.0250 | 0           | 97.7 | 75        | 125        | 02/16/2024    |               |

| Batch 218792             |      | SampType: MSD |      | Units mg/L   |        |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020991-005EMSD |      |               |      |              |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         |      | <b>0.023</b> | 0.0250 | 0           | 93.0 | 0.02443     | 4.93 | 02/16/2024    |              |               |

| Batch 218850             |      | SampType: MBLK |      | Units mg/L        |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|-------------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK 240216 TCN1 |      |                |      |                   |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result            | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                  |      | 0.005          |      | <b>&lt; 0.005</b> | 0.0015 | 0           | 0    | -100      | 100        | 02/19/2024    |               |

| Batch 218850            |      | SampType: LCS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|---------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS 240216 TCN1 |      |               |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005         |      | <b>0.024</b> | 0.0250 | 0           | 96.3 | 90        | 110        | 02/19/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9012A (TOTAL)

| Batch 218850            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-004DMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | <b>0.024</b> | 0.0250 | 0           | 95.0 | 75        | 125        | 02/19/2024    |               |

| Batch 218850             |      | SampType: MSD |      | Units mg/L   |        |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-004DMSD |      |               |      |              |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         |      | <b>0.025</b> | 0.0250 | 0           | 99.7 | 0.02376     | 4.83 | 02/19/2024    |              |               |

| Batch 218850            |      | SampType: MS |      | Units mg/L     |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|----------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021139-002AMS |      |              |      |                |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result         | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        | S    | < <b>0.005</b> | 0.0250 | 0           | 0    | 90        | 110        | 02/19/2024    |               |

| Batch 218850             |      | SampType: MSD |      | Units mg/L     |        |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|----------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021139-002AMSD |      |               |      |                |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result         | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         | S    | < <b>0.005</b> | 0.0250 | 0           | 0    | 0           | 0.00 | 02/19/2024    |              |               |

| Batch 218851             |      | SampType: MBLK |      | Units mg/L     |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|----------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK 240216 TCN2 |      |                |      |                |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result         | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                  |      | 0.005          |      | < <b>0.005</b> | 0.0015 | 0           | 0    | -100      | 100        | 02/19/2024    |               |

| Batch 218851            |      | SampType: LCS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|---------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS 240216 TCN2 |      |               |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005         |      | <b>0.024</b> | 0.0250 | 0           | 95.1 | 90        | 110        | 02/19/2024    |               |

| Batch 218851            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020991-006EMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        | S    | <b>0.015</b> | 0.0250 | 0           | 59.9 | 75        | 125        | 02/19/2024    |               |

| Batch 218851             |      | SampType: MSD |      | Units mg/L   |        |             |      |             |       |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|-------|---------------|--------------|---------------|
| SampID: 24020991-006EMSD |      |               |      |              |        |             |      |             |       |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD  | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         | SR   | <b>0.011</b> | 0.0250 | 0           | 43.7 | 0.01496     | 31.25 | 02/19/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9012A (TOTAL)

| Batch 218851            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020991-013EMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | <b>0.023</b> | 0.0250 | 0           | 91.7 | 75        | 125        | 02/19/2024    |               |

| Batch 218851             |      | SampType: MSD |      | Units mg/L   |        |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020991-013EMSD |      |               |      |              |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         |      | <b>0.023</b> | 0.0250 | 0           | 91.3 | 0.02292     | 0.46 | 02/19/2024    |              |               |

| Batch 218898             |      | SampType: MBLK |      | Units mg/L        |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|-------------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK 240219 TCN1 |      |                |      |                   |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result            | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                  |      | 0.005          |      | <b>&lt; 0.005</b> | 0.0015 | 0           | 0    | -100      | 100        | 02/20/2024    |               |

| Batch 218898            |      | SampType: LCS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|---------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS 240219 TCN1 |      |               |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005         |      | <b>0.024</b> | 0.0250 | 0           | 95.4 | 90        | 110        | 02/20/2024    |               |

| Batch 218898            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021219-001EMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | <b>0.025</b> | 0.0250 | 0           | 98.5 | 75        | 125        | 02/20/2024    |               |

| Batch 218898             |      | SampType: MSD |      | Units mg/L   |        |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021219-001EMSD |      |               |      |              |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         |      | <b>0.025</b> | 0.0250 | 0           | 100.7 | 0.02462     | 2.27 | 02/20/2024    |              |               |

| Batch 218898            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021293-002AMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | <b>0.025</b> | 0.0250 | 0           | 99.4 | 90        | 110        | 02/20/2024    |               |

| Batch 218898             |      | SampType: MSD |      | Units mg/L   |        |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021293-002AMSD |      |               |      |              |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         |      | <b>0.026</b> | 0.0250 | 0           | 105.0 | 0.02485     | 5.52 | 02/20/2024    |              |               |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9012A (TOTAL)

| Batch 218900             |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK 240219 TCN2 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                  |      | 0.005          |      | < 0.005    | 0.0015 | 0           | 0    | -100      | 100        | 02/20/2024    |               |

| Batch 218900            |      | SampType: LCS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|---------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS 240219 TCN2 |      |               |      |            |        |             |      |           |            |               |               |
| Analyses                | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005         |      | 0.025      | 0.0250 | 0           | 98.5 | 90        | 110        | 02/20/2024    |               |

| Batch 218900            |      | SampType: MS |      | Units mg/L |        |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24021219-009EMS |      |              |      |            |        |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | 0.026      | 0.0250 | 0           | 103.1 | 75        | 125        | 02/20/2024    |               |

| Batch 218900             |      | SampType: MSD |      | Units mg/L |        |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021219-009EMSD |      |               |      |            |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         |      | 0.026      | 0.0250 | 0           | 102.3 | 0.02577     | 0.74 | 02/20/2024    |              |               |

| Batch 218964             |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK 240220 TCN1 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                  |      | 0.005          |      | < 0.005    | 0.0015 | 0           | 0    | -100      | 100        | 02/21/2024    |               |

| Batch 218964            |      | SampType: LCS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|---------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS 240220 TCN1 |      |               |      |            |        |             |      |           |            |               |               |
| Analyses                | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005         |      | 0.024      | 0.0250 | 0           | 96.8 | 90        | 110        | 02/21/2024    |               |

| Batch 219081             |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK 240222 TCN2 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                  |      | 0.005          |      | < 0.005    | 0.0015 | 0           | 0    | -100      | 100        | 02/23/2024    |               |

| Batch 219081            |      | SampType: LCS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|---------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS 240222 TCN2 |      |               |      |            |        |             |      |           |            |               |               |
| Analyses                | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005         |      | 0.025      | 0.0250 | 0           | 99.5 | 90        | 110        | 02/23/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9012A (TOTAL)

| Batch 219081            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-076DMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | <b>0.023</b> | 0.0250 | 0           | 93.3 | 75        | 125        | 02/23/2024    |               |

| Batch 219081             |      | SampType: MSD |      | Units mg/L   |        |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-076DMSD |      |               |      |              |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         |      | <b>0.023</b> | 0.0250 | 0           | 92.3 | 0.02333     | 1.12 | 02/23/2024    |              |               |

| Batch 219139             |      | SampType: MBLK |      | Units mg/L     |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|----------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK 240223 TCN2 |      |                |      |                |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result         | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                  |      | 0.005          |      | < <b>0.005</b> | 0.0015 | 0           | 0    | -100      | 100        | 02/26/2024    |               |

| Batch 219139            |      | SampType: LCS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|---------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS 240223 TCN2 |      |               |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005         |      | <b>0.023</b> | 0.0250 | 0           | 92.9 | 90        | 110        | 02/26/2024    |               |

| Batch 219139            |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-027EMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005        |      | <b>0.023</b> | 0.0250 | 0           | 91.3 | 75        | 125        | 02/26/2024    |               |

| Batch 219139             |      | SampType: MSD |      | Units mg/L   |        |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-027EMSD |      |               |      |              |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.005         |      | <b>0.023</b> | 0.0250 | 0           | 93.0 | 0.02283     | 1.78 | 02/26/2024    |              |               |

| Batch 219197             |      | SampType: MBLK |      | Units mg/L     |        |             |      |           |            |               | Date Analyzed |
|--------------------------|------|----------------|------|----------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK 240226 TCN1 |      |                |      |                |        |             |      |           |            |               |               |
| Analyses                 | Cert | RL             | Qual | Result         | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                  |      | 0.005          |      | < <b>0.005</b> | 0.0015 | 0           | 0    | -100      | 100        | 02/27/2024    |               |

| Batch 219197            |      | SampType: LCS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|---------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS 240226 TCN1 |      |               |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.005         |      | <b>0.024</b> | 0.0250 | 0           | 94.4 | 90        | 110        | 02/27/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9012A (TOTAL)

| Batch 219197            |      | SampType: MS |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021830-001CMS |      |              |      |            |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Cyanide                 |      | 0.025        |      | 0.133      | 0.1250 | 0.01215     | 96.8 | 90        | 110        | 02/27/2024    |               |

| Batch 219197             |      | SampType: MSD |      | Units mg/L |        |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|--------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021830-001CMSD |      |               |      |            |        |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Cyanide                  |      | 0.025         |      | 0.131      | 0.1250 | 0.01215     | 94.7 | 0.1332      | 1.95 | 02/27/2024    |              |               |

### SW-846 9036 (DISSOLVED)

| Batch R343078           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-031BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 20           |      | 73         | 40.00 | 37.08       | 90.3 | 85        | 115        | 02/14/2024    |               |

| Batch R343078            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-031BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 20            |      | 76         | 40.00 | 37.08       | 97.9 | 73.20       | 4.07 | 02/14/2024    |              |               |

| Batch R343392           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-025BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 50           |      | 186        | 100.0 | 87.70       | 98.0 | 85        | 115        | 02/21/2024    |               |

| Batch R343392            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-025BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 50            |      | 178        | 100.0 | 87.70       | 90.8 | 185.7       | 3.98 | 02/21/2024    |              |               |

| Batch R343452           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020901-004BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 50           |      | 242        | 100.0 | 145.6       | 96.7 | 85        | 115        | 02/22/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9036 (DISSOLVED)

| Batch R343452            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24020901-004BMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Sulfate                  |      | 50            |      | 234        | 100.0 | 145.6       | 88.8 | 242.3        | 3.34 | 02/22/2024    |               |

### SW-846 9036 (TOTAL)

| Batch R343078    |      | SampType: MBLK |      | Units mg/L |       |             |      | RPD Limit 10 |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|-------|-------------|------|--------------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |       |             |      |              |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Sulfate          |      | 10             |      | < 10       | 6.140 | 0           | 0    | -100         | 100        | 02/14/2024    |               |

| Batch R343078   |      | SampType: LCS |      | Units mg/L |       |             |      | RPD Limit 10 |            |               | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|------|--------------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |      |              |            |               |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Sulfate         |      | 10            |      | 19         | 20.00 | 0           | 96.7 | 90           | 110        | 02/14/2024    |               |

| Batch R343078           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 10 |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|---------------|
| SampID: 24020907-001AMS |      |              |      |            |       |             |      |              |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Sulfate                 |      | 20           |      | 90         | 40.00 | 52.32       | 95.3 | 90           | 110        | 02/14/2024    |               |

| Batch R343078            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|---------------|
| SampID: 24020907-001AMSD |      |               |      |            |       |             |       |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |               |
| Sulfate                  |      | 20            |      | 93         | 40.00 | 52.32       | 101.2 | 90.44        | 2.59 | 02/14/2024    |               |

| Batch R343078           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 10 |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|---------------|
| SampID: 24020991-002BMS |      |              |      |            |       |             |      |              |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Sulfate                 |      | 100          |      | 348        | 200.0 | 168.4       | 89.8 | 85           | 115        | 02/15/2024    |               |

| Batch R343078            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24020991-002BMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Sulfate                  |      | 100           |      | 345        | 200.0 | 168.4       | 88.4 | 348.1        | 0.85 | 02/15/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9036 (TOTAL)

| Batch R343078           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020991-010BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 100          | S    | 323        | 200.0 | 156.6       | 83.4 | 85        | 115        | 02/15/2024    |               |

| Batch R343078            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020991-010BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 100           | S    | 326        | 200.0 | 156.6       | 84.6 | 323.4       | 0.75 | 02/15/2024    |              |               |

| Batch R343142    |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |       |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate          |      | 10             |      | < 10       | 6.140 | 0           | 0    | -100      | 100        | 02/15/2024    |               |

| Batch R343142   |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |      |           |            |               |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate         |      | 10            |      | 19         | 20.00 | 0           | 96.7 | 90        | 110        | 02/15/2024    |               |

| Batch R343142           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021083-001AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 10           | E    | 51         | 20.00 | 32.47       | 90.8 | 85        | 115        | 02/15/2024    |               |

| Batch R343142            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021083-001AMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 10            | E    | 51         | 20.00 | 32.47       | 92.2 | 50.63       | 0.55 | 02/15/2024    |              |               |

| Batch R343209    |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |       |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate          |      | 10             |      | < 10       | 6.140 | 0           | 0    | -100      | 100        | 02/16/2024    |               |

| Batch R343209   |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |      |           |            |               |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate         |      | 10            |      | 19         | 20.00 | 0           | 94.5 | 90        | 110        | 02/16/2024    |               |



## Quality Control Results

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020001  
**Report Date:** 09-Apr-24

**SW-846 9036 (TOTAL)**

| Batch R343209           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021085-001AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 20           |      | 94         | 40.00 | 59.02       | 88.2 | 85        | 115        | 02/16/2024    |               |

| Batch R343209            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021085-001AMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 20            |      | 94         | 40.00 | 59.02       | 88.3 | 94.31       | 0.03 | 02/16/2024    |              |               |

| Batch R343209           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021127-007BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 20           | S    | 35         | 40.00 | 0           | 88.7 | 90        | 110        | 02/16/2024    |               |

| Batch R343209            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021127-007BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 20            | S    | 34         | 40.00 | 0           | 85.5 | 35.48       | 3.64 | 02/16/2024    |              |               |

| Batch R343209           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021127-009BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 20           | S    | 32         | 40.00 | 0           | 81.2 | 90        | 110        | 02/16/2024    |               |

| Batch R343209            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021127-009BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 20            | S    | 33         | 40.00 | 0           | 82.6 | 32.47       | 1.74 | 02/16/2024    |              |               |

| Batch R343209           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021140-002AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 200          |      | 702        | 400.0 | 311.2       | 97.8 | 90        | 110        | 02/16/2024    |               |

| Batch R343209            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021140-002AMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 200           |      | 674        | 400.0 | 311.2       | 90.8 | 702.5       | 4.11 | 02/16/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9036 (TOTAL)

| Batch R343209           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021219-001BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 10           |      | 18         | 20.00 | 0           | 91.0 | 85        | 115        | 02/16/2024    |               |

| Batch R343209            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021219-001BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 10            |      | 18         | 20.00 | 0           | 92.4 | 18.19       | 1.58 | 02/16/2024    |              |               |

| Batch R343255    |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |       |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate          |      | 10             |      | < 10       | 6.140 | 0           | 0    | -100      | 100        | 02/19/2024    |               |

| Batch R343255   |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |      |           |            |               |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate         |      | 10            |      | 20         | 20.00 | 0           | 98.6 | 90        | 110        | 02/19/2024    |               |

| Batch R343255           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-007AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 50           |      | 227        | 100.0 | 127.7       | 98.8 | 85        | 115        | 02/19/2024    |               |

| Batch R343255            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-007AMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 50            |      | 221        | 100.0 | 127.7       | 93.3 | 226.5       | 2.48 | 02/19/2024    |              |               |

| Batch R343255           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021216-006AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 20           | E    | 109        | 40.00 | 72.10       | 92.0 | 85        | 115        | 02/19/2024    |               |

| Batch R343255            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021216-006AMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 20            | E    | 113        | 40.00 | 72.10       | 102.0 | 108.9       | 3.57 | 02/19/2024    |              |               |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9036 (TOTAL)

| Batch R343255           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24021217-009AMS |      |              |      |            |       |             |      |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Sulfate                 |      | 20           |      | 84         | 40.00 | 46.70       | 94.1 | 85        | 115        | 02/19/2024 |               |

| Batch R343255            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |            | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|------------|--------------|---------------|
| SampID: 24021217-009AMSD |      |               |      |            |       |             |      |             |      |            |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD |            |              |               |
| Sulfate                  |      | 20            |      | 86         | 40.00 | 46.70       | 99.2 | 84.32       | 2.39 | 02/19/2024 |              |               |

| Batch R343255           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24021218-001AMS |      |              |      |            |       |             |      |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Sulfate                 |      | 50           |      | 228        | 100.0 | 135.7       | 92.4 | 85        | 115        | 02/19/2024 |               |

| Batch R343255            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |            | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|------------|--------------|---------------|
| SampID: 24021218-001AMSD |      |               |      |            |       |             |      |             |      |            |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD |            |              |               |
| Sulfate                  |      | 50            |      | 228        | 100.0 | 135.7       | 92.2 | 228.1       | 0.07 | 02/19/2024 |              |               |

| Batch R343255           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24021230-003AMS |      |              |      |            |       |             |      |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Sulfate                 |      | 10           |      | 31         | 20.00 | 13.38       | 87.8 | 85        | 115        | 02/19/2024 |               |

| Batch R343255            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |            | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|------------|--------------|---------------|
| SampID: 24021230-003AMSD |      |               |      |            |       |             |      |             |      |            |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD |            |              |               |
| Sulfate                  |      | 10            |      | 31         | 20.00 | 13.38       | 89.7 | 30.95       | 1.16 | 02/19/2024 |              |               |

| Batch R343255           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24021298-004BMS |      |              |      |            |       |             |      |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Sulfate                 |      | 20           | S    | 72         | 40.00 | 36.95       | 86.9 | 90        | 110        | 02/20/2024 |               |

| Batch R343255            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |            | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|------------|--------------|---------------|
| SampID: 24021298-004BMSD |      |               |      |            |       |             |      |             |      |            |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD |            |              |               |
| Sulfate                  |      | 20            | S    | 73         | 40.00 | 36.95       | 89.4 | 71.69       | 1.44 | 02/20/2024 |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9036 (TOTAL)

| Batch R343322    |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |       |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate          |      | 10             |      | < 10       | 6.140 | 0           | 0    | -100      | 100        | 02/20/2024    |               |

| Batch R343322   |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |      |           |            |               |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate         |      | 10            |      | 20         | 20.00 | 0           | 99.7 | 90        | 110        | 02/20/2024    |               |

| Batch R343322           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021285-020BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 20           |      | 83         | 40.00 | 44.53       | 96.7 | 85        | 115        | 02/20/2024    |               |

| Batch R343322            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021285-020BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 20            |      | 81         | 40.00 | 44.53       | 91.5 | 83.20       | 2.53 | 02/20/2024    |              |               |

| Batch R343392    |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |       |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate          |      | 10             |      | < 10       | 6.140 | 0           | 0    | -100      | 100        | 02/21/2024    |               |

| Batch R343392   |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |      |           |            |               |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate         |      | 10            |      | 19         | 20.00 | 0           | 92.6 | 90        | 110        | 02/21/2024    |               |

| Batch R343392           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-025AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 50           |      | 174        | 100.0 | 77.84       | 96.2 | 85        | 115        | 02/21/2024    |               |

| Batch R343392            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-025AMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 50            |      | 178        | 100.0 | 77.84       | 100.0 | 174.0       | 2.17 | 02/21/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9036 (TOTAL)

| Batch R343392           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-094AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 200          |      | 917        | 400.0 | 540.8       | 94.0 | 85        | 115        | 02/21/2024    |               |

| Batch R343392            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-094AMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 200           |      | 907        | 400.0 | 540.8       | 91.5 | 916.8       | 1.12 | 02/21/2024    |              |               |

| Batch R343392           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021285-001BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 200          |      | 765        | 400.0 | 394.3       | 92.8 | 85        | 115        | 02/21/2024    |               |

| Batch R343392            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021285-001BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 200           |      | 791        | 400.0 | 394.3       | 99.1 | 765.5       | 3.22 | 02/21/2024    |              |               |

| Batch R343392           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021285-016BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 100          |      | 326        | 200.0 | 136.4       | 94.9 | 85        | 115        | 02/21/2024    |               |

| Batch R343392            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021285-016BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 100           |      | 327        | 200.0 | 136.4       | 95.4 | 326.1       | 0.35 | 02/21/2024    |              |               |

| Batch R343452    |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |       |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate          |      | 10             |      | < 10       | 6.140 | 0           | 0    | -100      | 100        | 02/22/2024    |               |

| Batch R343452   |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |      |           |            |               |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate         |      | 10            |      | 18         | 20.00 | 0           | 92.5 | 90        | 110        | 02/22/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9036 (TOTAL)

| Batch R343452           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021582-006AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 20           |      | <b>82</b>  | 40.00 | 42.90       | 96.8 | 90        | 110        | 02/22/2024    |               |

| Batch R343452            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021582-006AMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 20            |      | <b>83</b>  | 40.00 | 42.90       | 99.5 | 81.61       | 1.33 | 02/22/2024    |              |               |

| Batch R343452           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021616-001AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 10           | S    | <b>24</b>  | 20.00 | 8.310       | 79.8 | 85        | 115        | 02/23/2024    |               |

| Batch R343452            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021616-001AMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 10            | S    | <b>25</b>  | 20.00 | 8.310       | 81.7 | 24.27       | 1.55 | 02/23/2024    |              |               |

| Batch R343641    |      | SampType: MBLK |      | Units mg/L     |       |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|----------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |                |       |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result         | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate          |      | 10             |      | <b>&lt; 10</b> | 6.140 | 0           | 0    | -100      | 100        | 02/23/2024    |               |

| Batch R343641   |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |      |           |            |               |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate         |      | 10            |      | <b>19</b>  | 20.00 | 0           | 93.4 | 90        | 110        | 02/23/2024    |               |

| Batch R343641           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-075AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 50           |      | <b>182</b> | 100.0 | 83.35       | 98.7 | 85        | 115        | 02/23/2024    |               |

| Batch R343641            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-075AMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 50            |      | <b>186</b> | 100.0 | 83.35       | 103.1 | 182.0       | 2.39 | 02/23/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9036 (TOTAL)

| Batch R343641           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021582-011AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 50           |      | 153        | 100.0 | 62.64       | 90.7 | 90        | 110        | 02/23/2024    |               |

| Batch R343641            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24021582-011AMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 50            |      | 154        | 100.0 | 62.64       | 91.2 | 153.3       | 0.35 | 02/23/2024    |              |               |

| Batch R343726    |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |       |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate          |      | 10             |      | < 10       | 6.140 | 0           | 0    | -100      | 100        | 02/28/2024    |               |

| Batch R343726       |      | SampType: MBLK |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK-219224 |      |                |      |            |       |             |      |           |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate             | *    | 10             |      | < 10       | 6.140 | 0           | 0    | -100      | 100        | 02/28/2024    |               |

| Batch R343726   |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |      |           |            |               |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate         |      | 10            |      | 18         | 20.00 | 0           | 90.6 | 90        | 110        | 02/28/2024    |               |

| Batch R343726           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24010117-010AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 10           | S    | 38         | 20.00 | 22.97       | 73.0 | 85        | 115        | 02/28/2024    |               |

| Batch R343726            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 10 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24010117-010AMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Sulfate                  |      | 10            | S    | 38         | 20.00 | 22.97       | 73.3 | 37.58       | 0.13 | 02/28/2024    |              |               |

| Batch R343726           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021733-001AMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Sulfate                 |      | 10           | S    | 42         | 20.00 | 24.97       | 83.2 | 90        | 110        | 02/28/2024    |               |



## Quality Control Results

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020001  
**Report Date:** 09-Apr-24

### SW-846 9036 (TOTAL)

| Batch R343726            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021733-001AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Sulfate                  |      | 10            | S    | 42         | 20.00 | 24.97       | 85.3 | 41.60        | 1.03 | 02/28/2024    |  |

| Batch R343726           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021928-001AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Sulfate                 |      | 500          | S    | 1640       | 1000  | 890.9       | 74.6 | 90        | 110        | 02/28/2024    |  |

| Batch R343726            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 10 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021928-001AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Sulfate                  |      | 500           | S    | 1650       | 1000  | 890.9       | 75.8 | 1637         | 0.74 | 02/28/2024    |  |

### SW-846 9060A

| Batch R343233            |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|--------------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: Filter Blank     |      |                |      |            |        |             |      |           |            |               |  |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Dissolved Organic Carbon |      | 1.0            |      | < 1.0      | 0.4500 | 0           | 0    | -100      | 100        | 02/19/2024    |  |

| Batch R343233            |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|--------------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MB-R343233       |      |                |      |            |        |             |      |           |            |               |  |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Dissolved Organic Carbon |      | 1.0            |      | < 1.0      | 0.4500 | 0           | 0    | -100      | 100        | 02/19/2024    |  |

| Batch R343233            |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS-R343233      |      |               |      |            |       |             |      |           |            |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Dissolved Organic Carbon |      | 1.0           |      | 5.0        | 5.000 | 0           | 99.8 | 90        | 110        | 02/19/2024    |  |

| Batch R343440            |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|--------------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: Filter Blank     |      |                |      |            |        |             |      |           |            |               |  |
| Analyses                 | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Dissolved Organic Carbon |      | 1.0            |      | < 1.0      | 0.4500 | 0           | 0    | -100      | 100        | 02/22/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9060A

Batch R343440 SampType: MBLK Units mg/L

SampID: MB-R343440

| Analyses                 | Cert | RL  | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|-----|------|--------|--------|-------------|------|-----------|------------|---------------|
| Dissolved Organic Carbon |      | 1.0 |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/22/2024    |

Batch R343440 SampType: LCS Units mg/L

SampID: LCS-R343440

| Analyses                 | Cert | RL  | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|-----|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Dissolved Organic Carbon |      | 1.0 |      | 5.0    | 5.000 | 0           | 100.0 | 90        | 110        | 02/22/2024    |

Batch R343771 SampType: MBLK Units mg/L

SampID: Filter Blank

| Analyses                 | Cert | RL  | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|-----|------|--------|--------|-------------|------|-----------|------------|---------------|
| Dissolved Organic Carbon |      | 1.0 |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/29/2024    |

Batch R343771 SampType: MBLK Units mg/L

SampID: MB-R343771

| Analyses                 | Cert | RL  | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|-----|------|--------|--------|-------------|------|-----------|------------|---------------|
| Dissolved Organic Carbon |      | 1.0 |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/29/2024    |

Batch R343771 SampType: LCS Units mg/L

SampID: LCS-R343771

| Analyses                 | Cert | RL  | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|--------------------------|------|-----|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Dissolved Organic Carbon |      | 1.0 |      | 5.0    | 5.000 | 0           | 100.2 | 90        | 110        | 02/29/2024    |

### SW-846 9066 (TOTAL)

Batch R343277 SampType: MBLK Units mg/L

SampID: ICB/MBLK

| Analyses | Cert | RL    | Qual | Result  | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|----------|------|-------|------|---------|--------|-------------|------|-----------|------------|---------------|
| Phenols  |      | 0.005 |      | < 0.005 | 0.0028 | 0           | 0    | -100      | 100        | 02/19/2024    |

Batch R343277 SampType: LCS Units mg/L

SampID: ICV/LCS

| Analyses | Cert | RL    | Qual | Result | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|----------|------|-------|------|--------|--------|-------------|-------|-----------|------------|---------------|
| Phenols  |      | 0.005 |      | 0.051  | 0.0500 | 0           | 102.6 | 90        | 110        | 02/19/2024    |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9066 (TOTAL)

| Batch R343277           |      | SampType: MS |      | Units mg/L   |        |             |       |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|-------|-----------|------------|------------|---------------|
| SampID: 24021110-001EMS |      |              |      |              |        |             |       |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| Phenols                 |      | 0.005        | S    | <b>0.057</b> | 0.0500 | 0           | 113.2 | 90        | 110        | 02/19/2024 |               |

| Batch R343277            |      | SampType: MSD |      | Units mg/L   |        |             |       |             |      |              | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|-------|-------------|------|--------------|---------------|
| SampID: 24021110-001EMSD |      |               |      |              |        |             |       |             |      |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | RPD Limit 15 |               |
| Phenols                  |      | 0.005         | S    | <b>0.057</b> | 0.0500 | 0           | 113.8 | 0.05661     | 0.55 | 02/19/2024   |               |

| Batch R343277           |      | SampType: MS |      | Units mg/L   |        |             |       |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|-------|-----------|------------|------------|---------------|
| SampID: 24021110-003EMS |      |              |      |              |        |             |       |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| Phenols                 |      | 0.005        | S    | <b>0.060</b> | 0.0500 | 0           | 120.9 | 90        | 110        | 02/19/2024 |               |

| Batch R343277            |      | SampType: MSD |      | Units mg/L   |        |             |      |             |       |              | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|-------|--------------|---------------|
| SampID: 24021110-003EMSD |      |               |      |              |        |             |      |             |       |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD  | RPD Limit 15 |               |
| Phenols                  |      | 0.005         | R    | <b>0.049</b> | 0.0500 | 0           | 98.0 | 0.06046     | 20.90 | 02/19/2024   |               |

| Batch R343277           |      | SampType: MS |      | Units mg/L   |        |             |       |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|-------|-----------|------------|------------|---------------|
| SampID: 24021110-005EMS |      |              |      |              |        |             |       |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| Phenols                 |      | 0.005        | S    | <b>0.062</b> | 0.0500 | 0           | 124.6 | 90        | 110        | 02/19/2024 |               |

| Batch R343277            |      | SampType: MSD |      | Units mg/L   |        |             |       |             |       |              | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|-------|-------------|-------|--------------|---------------|
| SampID: 24021110-005EMSD |      |               |      |              |        |             |       |             |       |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD  | RPD Limit 15 |               |
| Phenols                  |      | 0.005         |      | <b>0.054</b> | 0.0500 | 0           | 108.6 | 0.06232     | 13.72 | 02/19/2024   |               |

| Batch R343277           |      | SampType: MS |      | Units mg/L   |        |             |       |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|-------|-----------|------------|------------|---------------|
| SampID: 24021188-002EMS |      |              |      |              |        |             |       |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| Phenols                 |      | 0.005        | S    | <b>0.057</b> | 0.0500 | 0           | 114.2 | 90        | 110        | 02/19/2024 |               |

| Batch R343277            |      | SampType: MSD |      | Units mg/L   |        |             |       |             |      |              | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|-------|-------------|------|--------------|---------------|
| SampID: 24021188-002EMSD |      |               |      |              |        |             |       |             |      |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | RPD Limit 15 |               |
| Phenols                  |      | 0.005         | S    | <b>0.057</b> | 0.0500 | 0           | 114.9 | 0.05712     | 0.56 | 02/19/2024   |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9066 (TOTAL)

| Batch R343277           |      | SampType: MS |      | Units mg/L   |        |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24021259-002EMS |      |              |      |              |        |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Phenols                 |      | 0.005        |      | <b>0.081</b> | 0.0500 | 0.02783     | 107.1 | 90        | 110        | 02/19/2024    |               |

| Batch R343277            |      | SampType: MSD |      | Units mg/L   |        |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021259-002EMSD |      |               |      |              |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Phenols                  |      | 0.005         | S    | <b>0.086</b> | 0.0500 | 0.02783     | 115.7 | 0.08139     | 5.14 | 02/19/2024    |              |               |

| Batch R343277           |      | SampType: MS |      | Units mg/L   |        |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24021260-002DMS |      |              |      |              |        |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Phenols                 |      | 0.005        | S    | <b>0.006</b> | 0.0500 | 0           | 11.8 | 90        | 110        | 02/19/2024    |               |

| Batch R343277            |      | SampType: MSD |      | Units mg/L   |        |             |      |             |       |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|-------|---------------|--------------|---------------|
| SampID: 24021260-002DMSD |      |               |      |              |        |             |      |             |       |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD  | Date Analyzed |              |               |
| Phenols                  |      | 0.005         | SR   | <b>0.008</b> | 0.0500 | 0           | 15.9 | 0.005890    | 29.65 | 02/19/2024    |              |               |

| Batch R343421    |      | SampType: MBLK |      | Units mg/L        |        |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|-------------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |                   |        |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result            | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Phenols          |      | 0.005          |      | <b>&lt; 0.005</b> | 0.0028 | 0           | 0    | -100      | 100        | 02/21/2024    |               |

| Batch R343421   |      | SampType: LCS |      | Units mg/L   |        |             |       |           |            |               | Date Analyzed |
|-----------------|------|---------------|------|--------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |              |        |             |       |           |            |               |               |
| Analyses        | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Phenols         |      | 0.005         |      | <b>0.053</b> | 0.0500 | 0           | 106.6 | 90        | 110        | 02/21/2024    |               |

| Batch R343421           |      | SampType: MS |      | Units mg/L   |        |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24021285-015FMS |      |              |      |              |        |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Phenols                 |      | 0.005        |      | <b>0.060</b> | 0.0500 | 0.003640    | 112.1 | 85        | 115        | 02/21/2024    |               |

| Batch R343421            |      | SampType: MSD |      | Units mg/L   |        |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021285-015FMSD |      |               |      |              |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Phenols                  |      | 0.005         |      | <b>0.055</b> | 0.0500 | 0.003640    | 102.9 | 0.05968     | 8.02 | 02/21/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9066 (TOTAL)

| Batch R343421           |      | SampType: MS |      | Units mg/L   |        |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24021361-001GMS |      |              |      |              |        |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Phenols                 |      | 0.005        |      | <b>0.055</b> | 0.0500 | 0.003300    | 104.2 | 90        | 110        | 02/21/2024    |               |

| Batch R343421            |      | SampType: MSD |      | Units mg/L   |        |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021361-001GMSD |      |               |      |              |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Phenols                  |      | 0.005         |      | <b>0.054</b> | 0.0500 | 0.003300    | 101.6 | 0.05542     | 2.41 | 02/21/2024    |              |               |

| Batch R343517    |      | SampType: MBLK |      | Units mg/L     |        |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|----------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |                |        |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result         | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Phenols          |      | 0.005          |      | < <b>0.005</b> | 0.0028 | 0           | 0    | -100      | 100        | 02/23/2024    |               |

| Batch R343517   |      | SampType: LCS |      | Units mg/L   |        |             |       |           |            |               | Date Analyzed |
|-----------------|------|---------------|------|--------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: ICV/LCS |      |               |      |              |        |             |       |           |            |               |               |
| Analyses        | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Phenols         |      | 0.005         |      | <b>0.050</b> | 0.0500 | 0           | 100.7 | 90        | 110        | 02/23/2024    |               |

| Batch R343517           |      | SampType: MS |      | Units mg/L   |        |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24021508-001GMS |      |              |      |              |        |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Phenols                 |      | 0.005        | S    | <b>0.058</b> | 0.0500 | 0           | 115.8 | 90        | 110        | 02/23/2024    |               |

| Batch R343517            |      | SampType: MSD |      | Units mg/L   |        |             |      |             |       |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|------|-------------|-------|---------------|--------------|---------------|
| SampID: 24021508-001GMSD |      |               |      |              |        |             |      |             |       |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC | RPD Ref Val | %RPD  | Date Analyzed |              |               |
| Phenols                  |      | 0.005         | R    | <b>0.049</b> | 0.0500 | 0           | 97.4 | 0.05789     | 17.24 | 02/23/2024    |              |               |

| Batch R343517           |      | SampType: MS |      | Units mg/L   |        |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|--------------|--------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24021515-002BMS |      |              |      |              |        |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result       | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Phenols                 |      | 0.005        |      | <b>0.079</b> | 0.0500 | 0.02465     | 108.1 | 90        | 110        | 02/23/2024    |               |

| Batch R343517            |      | SampType: MSD |      | Units mg/L   |        |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|--------------|--------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24021515-002BMSD |      |               |      |              |        |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result       | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Phenols                  |      | 0.005         |      | <b>0.078</b> | 0.0500 | 0.02465     | 106.3 | 0.07868     | 1.10 | 02/23/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9066 (TOTAL)

| Batch R343691    |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: ICB/MBLK |      |                |      |            |        |             |      |           |            |               |  |
| Analyses         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Phenols          |      | 0.005          |      | < 0.005    | 0.0028 | 0           | 0    | -100      | 100        | 02/28/2024    |  |

| Batch R343691   |      | SampType: LCS |      | Units mg/L |        |             |       |           |            |               |  |
|-----------------|------|---------------|------|------------|--------|-------------|-------|-----------|------------|---------------|--|
| SampID: ICV/LCS |      |               |      |            |        |             |       |           |            |               |  |
| Analyses        | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Phenols         |      | 0.005         |      | 0.054      | 0.0500 | 0           | 108.1 | 90        | 110        | 02/28/2024    |  |

| Batch R343691           |      | SampType: MS |      | Units mg/L |        |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24021619-001EMS |      |              |      |            |        |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Phenols                 |      | 0.005        | S    | 0.055      | 0.0500 | 0           | 110.8 | 90        | 110        | 02/28/2024    |  |

| Batch R343691            |      | SampType: MSD |      | Units mg/L |        |             |       |             |      |               |  |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|------|---------------|--|
| SampID: 24021619-001EMSD |      |               |      |            |        |             |       |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |
| Phenols                  |      | 0.005         |      | 0.054      | 0.0500 | 0           | 108.1 | 0.05540     | 2.50 | 02/28/2024    |  |

| Batch R343691           |      | SampType: MS |      | Units mg/L |        |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24021928-001GMS |      |              |      |            |        |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Phenols                 |      | 0.005        | S    | 0.058      | 0.0500 | 0           | 116.7 | 90        | 110        | 02/28/2024    |  |

| Batch R343691            |      | SampType: MSD |      | Units mg/L |        |             |       |             |       |               |  |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|-------|---------------|--|
| SampID: 24021928-001GMSD |      |               |      |            |        |             |       |             |       |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD  | Date Analyzed |  |
| Phenols                  |      | 0.005         |      | 0.053      | 0.0500 | 0           | 105.5 | 0.05833     | 10.05 | 02/28/2024    |  |

| Batch R343691           |      | SampType: MS |      | Units mg/L |        |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|--------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24021932-001EMS |      |              |      |            |        |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Phenols                 |      | 0.005        | S    | 0.063      | 0.0500 | 0           | 126.1 | 85        | 115        | 02/28/2024    |  |

| Batch R343691            |      | SampType: MSD |      | Units mg/L |        |             |       |             |      |               |  |
|--------------------------|------|---------------|------|------------|--------|-------------|-------|-------------|------|---------------|--|
| SampID: 24021932-001EMSD |      |               |      |            |        |             |       |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |
| Phenols                  |      | 0.005         | S    | 0.065      | 0.0500 | 0           | 130.9 | 0.06303     | 3.80 | 02/28/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9214 (DISSOLVED)

| Batch R343081           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-033BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Fluoride                |      | 0.10         |      | 2.29       | 2.000 | 0.3750      | 96.0 | 75        | 125        | 02/14/2024    |               |

| Batch R343081            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-033BMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Fluoride                 |      | 0.10          |      | 2.40       | 2.000 | 0.3750      | 101.1 | 2.294       | 4.39 | 02/14/2024    |              |               |

| Batch R343151           |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-007BMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Fluoride                |      | 0.10         |      | 2.36       | 2.000 | 0.3120      | 102.6 | 75        | 125        | 02/15/2024    |               |

| Batch R343151            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-007BMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Fluoride                 |      | 0.10          |      | 2.60       | 2.000 | 0.3120      | 114.4 | 2.363       | 9.55 | 02/15/2024    |              |               |

| Batch R343151           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-009BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Fluoride                |      | 0.10         |      | 2.39       | 2.000 | 0.3960      | 99.5 | 75        | 125        | 02/15/2024    |               |

| Batch R343151            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-009BMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Fluoride                 |      | 0.10          |      | 2.41       | 2.000 | 0.3960      | 100.8 | 2.386       | 1.08 | 02/15/2024    |              |               |

| Batch R343192           |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-019BMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Fluoride                |      | 0.10         |      | 2.34       | 2.000 | 0.2610      | 104.0 | 75        | 125        | 02/16/2024    |               |

| Batch R343192            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-019BMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Fluoride                 |      | 0.10          |      | 2.38       | 2.000 | 0.2610      | 105.8 | 2.340       | 1.53 | 02/16/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9214 (DISSOLVED)

| Batch R343192           |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-092BMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Fluoride                |      | 0.10         |      | 2.37       | 2.000 | 0.3420      | 101.3 | 75        | 125        | 02/16/2024    |               |

| Batch R343192            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-092BMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Fluoride                 |      | 0.10          |      | 2.40       | 2.000 | 0.3420      | 103.1 | 2.368       | 1.51 | 02/16/2024    |              |               |

| Batch R343311           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-045BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Fluoride                |      | 0.10         |      | 2.31       | 2.000 | 0.3100      | 99.8 | 75        | 125        | 02/20/2024    |               |

| Batch R343311            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-045BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Fluoride                 |      | 0.10          |      | 2.30       | 2.000 | 0.3100      | 99.7 | 2.307       | 0.17 | 02/20/2024    |              |               |

| Batch R343485           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-103IMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Fluoride                |      | 0.10         |      | 1.92       | 2.000 | 0           | 96.2 | 75        | 125        | 02/23/2024    |               |

| Batch R343485            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-103IMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Fluoride                 |      | 0.10          |      | 2.03       | 2.000 | 0           | 101.7 | 1.925       | 5.46 | 02/23/2024    |              |               |

### SW-846 9214 (TOTAL)

| Batch R343081 |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|---------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK  |      |                |      |            |        |             |      |           |            |               |               |
| Analyses      | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Fluoride      |      | 0.10           |      | < 0.10     | 0.0500 | 0           | 0    | -100      | 100        | 02/14/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9214 (TOTAL)

| Batch R343081 |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               |  |
|---------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS   |      |               |      |            |       |             |      |           |            |               |  |
| Analyses      | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10          |      | 0.90       | 1.000 | 0           | 90.5 | 90        | 110        | 02/14/2024    |  |

| Batch R343081           |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24020001-041AMS |      |              |      |            |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.35       | 2.000 | 0.3030      | 102.4 | 75        | 125        | 02/14/2024    |  |

| Batch R343081            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--|
| SampID: 24020001-041AMSD |      |               |      |            |       |             |       |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.32       | 2.000 | 0.3030      | 100.6 | 2.350       | 1.50 | 02/14/2024    |  |

| Batch R343081           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020927-001AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.07       | 2.000 | 0.1450      | 96.4 | 75        | 125        | 02/14/2024    |  |

| Batch R343081            |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--|
| SampID: 24020927-001AMSD |      |               |      |            |       |             |       |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.19       | 2.000 | 0.1450      | 102.2 | 2.072       | 5.54 | 02/14/2024    |  |

| Batch R343151 |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|---------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK  |      |                |      |            |        |             |      |           |            |               |  |
| Analyses      | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10           |      | < 0.10     | 0.0500 | 0           | 0    | -100      | 100        | 02/15/2024    |  |

| Batch R343151 |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               |  |
|---------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS   |      |               |      |            |       |             |      |           |            |               |  |
| Analyses      | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10          |      | 0.97       | 1.000 | 0           | 97.4 | 90        | 110        | 02/15/2024    |  |

| Batch R343151           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-008AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.38       | 2.000 | 0.4090      | 98.8 | 75        | 125        | 02/15/2024    |  |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9214 (TOTAL)

| Batch R343151            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020001-008AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.37       | 2.000 | 0.4090      | 98.0 | 2.384        | 0.63 | 02/15/2024    |  |

| Batch R343151           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24020001-064AMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.50       | 2.000 | 0.5240      | 98.8 | 75           | 125        | 02/15/2024    |  |

| Batch R343151            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24020001-064AMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.55       | 2.000 | 0.5240      | 101.2 | 2.501        | 1.82 | 02/15/2024    |  |

| Batch R343151           |      | SampType: MS |      | Units mg/L |       |             |       | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|--------------|------------|---------------|--|
| SampID: 24020001-098AMS |      |              |      |            |       |             |       |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.35       | 2.000 | 0.2840      | 103.4 | 75           | 125        | 02/15/2024    |  |

| Batch R343151            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24020001-098AMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.35       | 2.000 | 0.2840      | 103.4 | 2.353        | 0.00 | 02/15/2024    |  |

| Batch R343151           |      | SampType: MS |      | Units mg/L |       |             |       | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|--------------|------------|---------------|--|
| SampID: 24021127-008BMS |      |              |      |            |       |             |       |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.31       | 2.000 | 0.2350      | 103.6 | 75           | 125        | 02/15/2024    |  |

| Batch R343151            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24021127-008BMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.27       | 2.000 | 0.2350      | 101.8 | 2.307        | 1.57 | 02/15/2024    |  |

| Batch R343192 |      | SampType: MBLK |      | Units mg/L |        |             |      | RPD Limit 15 |            |               |  |
|---------------|------|----------------|------|------------|--------|-------------|------|--------------|------------|---------------|--|
| SampID: MBLK  |      |                |      |            |        |             |      |              |            |               |  |
| Analyses      | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10           |      | < 0.10     | 0.0500 | 0           | 0    | -100         | 100        | 02/16/2024    |  |



## Quality Control Results

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

**Client:** Ramboll

**Work Order:** 24020001

**Client Project:** COF-24Q1

**Report Date:** 09-Apr-24

**SW-846 9214 (TOTAL)**

| Batch R343192 |      | SampType: LCS |      | Units mg/L  |       |             |      |           |            |               |  |
|---------------|------|---------------|------|-------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS   |      |               |      |             |       |             |      |           |            |               |  |
| Analyses      | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10          |      | <b>0.96</b> | 1.000 | 0           | 96.2 | 90        | 110        | 02/16/2024    |  |

| Batch R343192           |      | SampType: MS |      | Units mg/L  |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|-------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-051AMS |      |              |      |             |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | <b>2.15</b> | 2.000 | 0.2610      | 94.5 | 75        | 125        | 02/16/2024    |  |

| Batch R343192            |      | SampType: MSD |      | Units mg/L  |       |             |      |             |      | RPD Limit 15  |  | Date Analyzed |
|--------------------------|------|---------------|------|-------------|-------|-------------|------|-------------|------|---------------|--|---------------|
| SampID: 24020001-051AMSD |      |               |      |             |       |             |      |             |      |               |  |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |               |
| Fluoride                 |      | 0.10          |      | <b>2.14</b> | 2.000 | 0.2610      | 94.1 | 2.151       | 0.37 | 02/16/2024    |  |               |

| Batch R343192           |      | SampType: MS |      | Units mg/L  |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|-------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24021047-004BMS |      |              |      |             |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | <b>2.41</b> | 2.000 | 0.1890      | 111.1 | 75        | 125        | 02/16/2024    |  |

| Batch R343192            |      | SampType: MSD |      | Units mg/L  |       |             |       |             |      | RPD Limit 15  |  | Date Analyzed |
|--------------------------|------|---------------|------|-------------|-------|-------------|-------|-------------|------|---------------|--|---------------|
| SampID: 24021047-004BMSD |      |               |      |             |       |             |       |             |      |               |  |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |               |
| Fluoride                 |      | 0.10          |      | <b>2.22</b> | 2.000 | 0.1890      | 101.3 | 2.411       | 8.47 | 02/16/2024    |  |               |

| Batch R343192           |      | SampType: MS |      | Units mg/L  |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|-------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24021110-003AMS |      |              |      |             |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | <b>2.54</b> | 2.000 | 0.4260      | 105.8 | 75        | 125        | 02/16/2024    |  |

| Batch R343192            |      | SampType: MSD |      | Units mg/L  |       |             |       |             |      | RPD Limit 15  |  | Date Analyzed |
|--------------------------|------|---------------|------|-------------|-------|-------------|-------|-------------|------|---------------|--|---------------|
| SampID: 24021110-003AMSD |      |               |      |             |       |             |       |             |      |               |  |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |               |
| Fluoride                 |      | 0.10          |      | <b>2.50</b> | 2.000 | 0.4260      | 103.6 | 2.543       | 1.83 | 02/16/2024    |  |               |

| Batch R343192           |      | SampType: MS |      | Units mg/L  |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|-------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021116-001AMS |      |              |      |             |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | <b>2.21</b> | 2.000 | 0.2360      | 98.6 | 75        | 125        | 02/16/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9214 (TOTAL)

| Batch R343192            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24021116-001AMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.24       | 2.000 | 0.2360      | 100.0 | 2.209        | 1.26 | 02/16/2024    |  |

| Batch R343192           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021242-001CMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.76       | 2.000 | 0.8610      | 94.8 | 75        | 125        | 02/16/2024    |  |

| Batch R343192            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021242-001CMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.78       | 2.000 | 0.8610      | 96.2 | 2.758        | 0.94 | 02/16/2024    |  |

| Batch R343237 |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|---------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK  |      |                |      |            |        |             |      |           |            |               |  |
| Analyses      | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10           |      | < 0.10     | 0.0500 | 0           | 0    | -100      | 100        | 02/19/2024    |  |

| Batch R343237 |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |  |
|---------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS   |      |               |      |            |       |             |       |           |            |               |  |
| Analyses      | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10          |      | 1.03       | 1.000 | 0           | 102.6 | 90        | 110        | 02/19/2024    |  |

| Batch R343237           |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24020001-039AMS |      |              |      |            |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.41       | 2.000 | 0.3510      | 102.8 | 75        | 125        | 02/19/2024    |  |

| Batch R343237            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020001-039AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.29       | 2.000 | 0.3510      | 97.0 | 2.407        | 4.98 | 02/19/2024    |  |

| Batch R343237           |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24021285-014AMS |      |              |      |            |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.24       | 2.000 | 0.2320      | 100.4 | 75        | 125        | 02/19/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9214 (TOTAL)

| Batch R343237            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24021285-014AMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.28       | 2.000 | 0.2320      | 102.2 | 2.239        | 1.64 | 02/19/2024    |  |

| Batch R343237           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021285-022AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.08       | 2.000 | 0.2460      | 91.6 | 75        | 125        | 02/19/2024    |  |

| Batch R343237            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021285-022AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.18       | 2.000 | 0.2460      | 96.9 | 2.078        | 4.97 | 02/19/2024    |  |

| Batch R343237           |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24021298-008BMS |      |              |      |            |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.22       | 2.000 | 0.2040      | 100.9 | 75        | 125        | 02/19/2024    |  |

| Batch R343237            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24021298-008BMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.34       | 2.000 | 0.2040      | 106.6 | 2.222        | 5.00 | 02/19/2024    |  |

| Batch R343311 |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|---------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK  |      |                |      |            |        |             |      |           |            |               |  |
| Analyses      | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10           |      | < 0.10     | 0.0500 | 0           | 0    | -100      | 100        | 02/20/2024    |  |

| Batch R343311 |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               |  |
|---------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS   |      |               |      |            |       |             |      |           |            |               |  |
| Analyses      | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10          |      | 0.92       | 1.000 | 0           | 92.1 | 90        | 110        | 02/20/2024    |  |

| Batch R343311           |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24020001-045AMS |      |              |      |            |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.32       | 2.000 | 0.3230      | 100.1 | 75        | 125        | 02/20/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9214 (TOTAL)

| Batch R343311            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020001-045AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.30       | 2.000 | 0.3230      | 98.8 | 2.325        | 1.17 | 02/20/2024    |  |

| Batch R343311           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24020001-067AMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.03       | 2.000 | 0.2020      | 91.4 | 75           | 125        | 02/20/2024    |  |

| Batch R343311            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020001-067AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.14       | 2.000 | 0.2020      | 97.0 | 2.029        | 5.37 | 02/20/2024    |  |

| Batch R343311           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24020001-101AMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.22       | 2.000 | 0.2470      | 98.5 | 75           | 125        | 02/20/2024    |  |

| Batch R343311            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |       |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|-------|---------------|--|
| SampID: 24020001-101AMSD |      |               |      |            |       |             |       |              |       |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD  | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.45       | 2.000 | 0.2470      | 110.4 | 2.217        | 10.15 | 02/20/2024    |  |

| Batch R343485 |      | SampType: MBLK |      | Units mg/L |        |             |      | RPD Limit 15 |            |               |  |
|---------------|------|----------------|------|------------|--------|-------------|------|--------------|------------|---------------|--|
| SampID: MBLK  |      |                |      |            |        |             |      |              |            |               |  |
| Analyses      | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10           |      | < 0.10     | 0.0500 | 0           | 0    | -100         | 100        | 02/23/2024    |  |

| Batch R343485 |      | SampType: LCS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|---------------|------|---------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: LCS   |      |               |      |            |       |             |      |              |            |               |  |
| Analyses      | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10          |      | 0.92       | 1.000 | 0           | 92.3 | 90           | 110        | 02/23/2024    |  |

| Batch R343485           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24010117-001AMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.37       | 2.000 | 0.3740      | 99.7 | 75           | 125        | 02/23/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9214 (TOTAL)

| Batch R343485            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24010117-001AMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.41       | 2.000 | 0.3740      | 101.8 | 2.368        | 1.76 | 02/23/2024    |  |

| Batch R343485           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24010117-007AMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.37       | 2.000 | 0.3730      | 99.8 | 75           | 125        | 02/23/2024    |  |

| Batch R343485            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24010117-007AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.26       | 2.000 | 0.3730      | 94.2 | 2.370        | 4.84 | 02/23/2024    |  |

| Batch R343485           |      | SampType: MS |      | Units mg/L |       |             |       | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|--------------|------------|---------------|--|
| SampID: 24020001-049AMS |      |              |      |            |       |             |       |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.48       | 2.000 | 0.3620      | 106.0 | 75           | 125        | 02/23/2024    |  |

| Batch R343485            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24020001-049AMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.45       | 2.000 | 0.3620      | 104.6 | 2.482        | 1.18 | 02/23/2024    |  |

| Batch R343485           |      | SampType: MS |      | Units mg/L |       |             |       | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|--------------|------------|---------------|--|
| SampID: 24020001-074AMS |      |              |      |            |       |             |       |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 2.36       | 2.000 | 0.2760      | 104.1 | 75           | 125        | 02/23/2024    |  |

| Batch R343485            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020001-074AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.24       | 2.000 | 0.2760      | 98.3 | 2.358        | 5.04 | 02/23/2024    |  |

| Batch R343485           |      | SampType: MS |      | Units mg/L |       |             |       | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|--------------|------------|---------------|--|
| SampID: 24020001-082AMS |      |              |      |            |       |             |       |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 3.17       | 2.000 | 1.149       | 101.0 | 75           | 125        | 02/23/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9214 (TOTAL)

| Batch R343485            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24020001-082AMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 3.19       | 2.000 | 1.149       | 102.1 | 3.169        | 0.69 | 02/23/2024    |  |

| Batch R343485           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-103AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 1.86       | 2.000 | 0           | 93.2 | 75        | 125        | 02/23/2024    |  |

| Batch R343485            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020001-103AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 2.00       | 2.000 | 0           | 99.9 | 1.864        | 6.94 | 02/23/2024    |  |

| Batch R344130 |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|---------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK  |      |                |      |            |        |             |      |           |            |               |  |
| Analyses      | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10           |      | < 0.10     | 0.0500 | 0           | 0    | -100      | 100        | 03/08/2024    |  |

| Batch R344130 |      | SampType: LCS |      | Units mg/L |       |             |      |           |            |               |  |
|---------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS   |      |               |      |            |       |             |      |           |            |               |  |
| Analyses      | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Fluoride      |      | 0.10          |      | 0.97       | 1.000 | 0           | 96.9 | 90        | 110        | 03/08/2024    |  |

| Batch R344130           |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24030573-002AMS |      |              |      |            |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Fluoride                |      | 0.10         |      | 5.10       | 2.000 | 2.995       | 105.1 | 75        | 125        | 03/08/2024    |  |

| Batch R344130            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24030573-002AMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Fluoride                 |      | 0.10          |      | 5.19       | 2.000 | 2.995       | 109.8 | 5.097        | 1.85 | 03/08/2024    |  |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9251 (DISSOLVED)

| Batch R343080           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-031BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Chloride                |      | 8            |      | 71         | 40.00 | 35.74       | 89.0 | 85        | 115        | 02/14/2024    |               |

| Batch R343080            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-031BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Chloride                 |      | 8             |      | 72         | 40.00 | 35.74       | 89.8 | 71.35       | 0.43 | 02/14/2024    |              |               |

| Batch R343325           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-025BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Chloride                |      | 4            |      | 24         | 20.00 | 4.760       | 94.2 | 85        | 115        | 02/20/2024    |               |

| Batch R343325            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-025BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Chloride                 |      | 4             |      | 24         | 20.00 | 4.760       | 94.2 | 23.59       | 0.04 | 02/20/2024    |              |               |

| Batch R343454           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020901-004BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Chloride                |      | 4            |      | 48         | 20.00 | 30.30       | 88.6 | 85        | 115        | 02/22/2024    |               |

| Batch R343454            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020901-004BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Chloride                 |      | 4             |      | 47         | 20.00 | 30.30       | 85.9 | 48.01       | 1.11 | 02/22/2024    |              |               |

### SW-846 9251 (TOTAL)

| Batch R343080    |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |        |             |      |           |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Chloride         |      | 4              |      | < 4        | 0.5000 | 0           | 0    | -100      | 100        | 02/14/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9251 (TOTAL)

| Batch R343080   |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |  |
|-----------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: ICV/LCS |      |               |      |            |       |             |       |           |            |               |  |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Chloride        |      | 4             |      | 21         | 20.00 | 0           | 102.6 | 90        | 110        | 02/14/2024    |  |

| Batch R343080           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020907-001AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride                |      | 4            |      | 24         | 20.00 | 4.010       | 98.2 | 85        | 115        | 02/14/2024    |  |

| Batch R343080            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      | RPD Limit 15  |  | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|---------------|
| SampID: 24020907-001AMSD |      |               |      |            |       |             |      |             |      |               |  |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |               |
| Chloride                 |      | 4             |      | 24         | 20.00 | 4.010       | 98.2 | 23.64       | 0.00 | 02/14/2024    |  |               |

| Batch R343080           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020936-001AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride                |      | 200          |      | 1590       | 1000  | 661.3       | 92.4 | 85        | 115        | 02/14/2024    |  |

| Batch R343080            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      | RPD Limit 15  |  | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|---------------|
| SampID: 24020936-001AMSD |      |               |      |            |       |             |      |             |      |               |  |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |               |
| Chloride                 |      | 200           |      | 1590       | 1000  | 661.3       | 92.4 | 1586        | 0.04 | 02/14/2024    |  |               |

| Batch R343144    |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: ICB/MBLK |      |                |      |            |        |             |      |           |            |               |  |
| Analyses         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride         |      | 4              |      | < 4        | 0.5000 | 0           | 0    | -100      | 100        | 02/15/2024    |  |

| Batch R343144   |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |  |
|-----------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: ICV/LCS |      |               |      |            |       |             |       |           |            |               |  |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Chloride        |      | 4             |      | 20         | 20.00 | 0           | 101.0 | 90        | 110        | 02/15/2024    |  |

| Batch R343144           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-007AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride                |      | 4            | E    | 56         | 20.00 | 38.63       | 88.4 | 85        | 115        | 02/15/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9251 (TOTAL)

| Batch R343144            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020001-007AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 4             | E    | 57         | 20.00 | 38.63       | 91.4 | 56.31        | 1.06 | 02/15/2024    |  |

| Batch R343144           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020991-010BMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride                |      | 80           |      | 538        | 400.0 | 173.7       | 91.0 | 85        | 115        | 02/15/2024    |  |

| Batch R343144            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020991-010BMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 80            |      | 539        | 400.0 | 173.7       | 91.3 | 537.8        | 0.20 | 02/15/2024    |  |

| Batch R343144           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021083-001AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride                |      | 8            |      | 65         | 40.00 | 29.17       | 90.1 | 85        | 115        | 02/15/2024    |  |

| Batch R343144            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021083-001AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 8             |      | 65         | 40.00 | 29.17       | 90.1 | 65.20        | 0.02 | 02/15/2024    |  |

| Batch R343214    |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: ICB/MBLK |      |                |      |            |        |             |      |           |            |               |  |
| Analyses         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride         |      | 4              |      | < 4        | 0.5000 | 0           | 0    | -100      | 100        | 02/16/2024    |  |

| Batch R343214   |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |  |
|-----------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: ICV/LCS |      |               |      |            |       |             |       |           |            |               |  |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Chloride        |      | 4             |      | 20         | 20.00 | 0           | 101.5 | 90        | 110        | 02/16/2024    |  |

| Batch R343214           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021085-001AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride                |      | 40           |      | 294        | 200.0 | 113.3       | 90.3 | 85        | 115        | 02/16/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9251 (TOTAL)

| Batch R343214            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021085-001AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 40            |      | 291        | 200.0 | 113.3       | 88.6 | 293.9        | 1.14 | 02/16/2024    |  |

| Batch R343214           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24021127-007BMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride                |      | 4            |      | 24         | 20.00 | 4.240       | 97.1 | 85           | 115        | 02/16/2024    |  |

| Batch R343214            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021127-007BMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 4             |      | 24         | 20.00 | 4.240       | 98.4 | 23.66        | 1.09 | 02/16/2024    |  |

| Batch R343214           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24021127-009BMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride                |      | 4            |      | 24         | 20.00 | 4.000       | 99.0 | 85           | 115        | 02/16/2024    |  |

| Batch R343214            |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24021127-009BMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 4             |      | 24         | 20.00 | 4.000       | 102.4 | 23.79        | 2.86 | 02/16/2024    |  |

| Batch R343214           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24021140-002AMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride                |      | 40           |      | 341        | 200.0 | 159.1       | 91.0 | 85           | 115        | 02/16/2024    |  |

| Batch R343214            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021140-002AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 40            |      | 348        | 200.0 | 159.1       | 94.7 | 341.1        | 2.15 | 02/16/2024    |  |

| Batch R343214           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24021219-001BMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride                |      | 40           |      | 352        | 200.0 | 172.4       | 89.7 | 85           | 115        | 02/16/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9251 (TOTAL)

| Batch R343214            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021219-001BMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Chloride                 |      | 40            |      | <b>350</b> | 200.0 | 172.4       | 88.8 | 351.7        | 0.51 | 02/16/2024    |               |

| Batch R343256    |      | SampType: MBLK |      | Units mg/L |        |             |      | RPD Limit 15 |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|--------|-------------|------|--------------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |        |             |      |              |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Chloride         |      | 4              |      | < 4        | 0.5000 | 0           | 0    | -100         | 100        | 02/19/2024    |               |

| Batch R343256   |      | SampType: LCS |      | Units mg/L |       |             |       | RPD Limit 15 |            |               | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|-------|--------------|------------|---------------|---------------|
| SampID: ICB/LCS |      |               |      |            |       |             |       |              |            |               |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |               |
| Chloride        |      | 4             |      | <b>21</b>  | 20.00 | 0           | 104.6 | 90           | 110        | 02/19/2024    |               |

| Batch R343256           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|---------------|
| SampID: 24021230-003AMS |      |              |      |            |       |             |      |              |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Chloride                |      | 4            |      | <b>28</b>  | 20.00 | 8.850       | 96.3 | 85           | 115        | 02/19/2024    |               |

| Batch R343256            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021230-003AMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Chloride                 |      | 4             |      | <b>28</b>  | 20.00 | 8.850       | 97.1 | 28.11        | 0.57 | 02/19/2024    |               |

| Batch R343256           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|---------------|
| SampID: 24021298-004BMS |      |              |      |            |       |             |      |              |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Chloride                |      | 4            |      | <b>26</b>  | 20.00 | 6.610       | 95.3 | 85           | 115        | 02/20/2024    |               |

| Batch R343256            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021298-004BMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Chloride                 |      | 4             |      | <b>26</b>  | 20.00 | 6.610       | 96.1 | 25.67        | 0.62 | 02/20/2024    |               |

| Batch R343325    |      | SampType: MBLK |      | Units mg/L |        |             |      | RPD Limit 15 |            |               | Date Analyzed |
|------------------|------|----------------|------|------------|--------|-------------|------|--------------|------------|---------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |        |             |      |              |            |               |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Chloride         |      | 4              |      | < 4        | 0.5000 | 0           | 0    | -100         | 100        | 02/20/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9251 (TOTAL)

| Batch R343325   |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |  |
|-----------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: ICV/LCS |      |               |      |            |       |             |       |           |            |               |  |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Chloride        |      | 4             |      | 21         | 20.00 | 0           | 106.5 | 90        | 110        | 02/20/2024    |  |

| Batch R343325           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-025AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride                |      | 4            |      | 24         | 20.00 | 5.410       | 91.8 | 85        | 115        | 02/20/2024    |  |

| Batch R343325            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24020001-025AMSD |      |               |      |            |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Chloride                 |      | 4             |      | 24         | 20.00 | 5.410       | 92.2 | 23.76       | 0.34 | 02/20/2024    |  |

| Batch R343325           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-094AMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride                |      | 4            |      | 26         | 20.00 | 7.500       | 93.3 | 85        | 115        | 02/20/2024    |  |

| Batch R343325            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24020001-094AMSD |      |               |      |            |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Chloride                 |      | 4             |      | 26         | 20.00 | 7.500       | 91.8 | 26.16       | 1.19 | 02/20/2024    |  |

| Batch R343325           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021285-001BMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride                |      | 40           |      | 250        | 200.0 | 63.08       | 93.5 | 85        | 115        | 02/20/2024    |  |

| Batch R343325            |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24021285-001BMSD |      |               |      |            |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Chloride                 |      | 40            |      | 254        | 200.0 | 63.08       | 95.4 | 250.0       | 1.53 | 02/20/2024    |  |

| Batch R343325           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24021285-016BMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Chloride                |      | 4            |      | 26         | 20.00 | 6.910       | 96.9 | 85        | 115        | 02/20/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9251 (TOTAL)

| Batch R343325            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021285-016BMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 4             |      | 26         | 20.00 | 6.910       | 95.6 | 26.29        | 1.03 | 02/20/2024    |  |

| Batch R343325           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24021285-020BMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride                |      | 4            |      | 40         | 20.00 | 22.31       | 89.0 | 85           | 115        | 02/20/2024    |  |

| Batch R343325            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021285-020BMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 4             |      | 40         | 20.00 | 22.31       | 87.4 | 40.10        | 0.78 | 02/20/2024    |  |

| Batch R343402    |      | SampType: MBLK |      | Units mg/L |        |             |      | RPD Limit 15 |            |               |  |
|------------------|------|----------------|------|------------|--------|-------------|------|--------------|------------|---------------|--|
| SampID: ICB/MBLK |      |                |      |            |        |             |      |              |            |               |  |
| Analyses         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride         |      | 4              |      | < 4        | 0.5000 | 0           | 0    | -100         | 100        | 02/21/2024    |  |

| Batch R343402   |      | SampType: LCS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-----------------|------|---------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: ICV/LCS |      |               |      |            |       |             |      |              |            |               |  |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride        |      | 4             |      | 20         | 20.00 | 0           | 98.2 | 90           | 110        | 02/21/2024    |  |

| Batch R343454    |      | SampType: MBLK |      | Units mg/L |        |             |      | RPD Limit 15 |            |               |  |
|------------------|------|----------------|------|------------|--------|-------------|------|--------------|------------|---------------|--|
| SampID: ICB/MBLK |      |                |      |            |        |             |      |              |            |               |  |
| Analyses         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride         |      | 4              |      | < 4        | 0.5000 | 0           | 0    | -100         | 100        | 02/22/2024    |  |

| Batch R343454   |      | SampType: LCS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-----------------|------|---------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: ICV/LCS |      |               |      |            |       |             |      |              |            |               |  |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride        |      | 4             |      | 19         | 20.00 | 0           | 97.2 | 90           | 110        | 02/22/2024    |  |

| Batch R343454           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24020001-075AMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride                |      | 4            |      | 25         | 20.00 | 6.640       | 92.2 | 85           | 115        | 02/22/2024    |  |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9251 (TOTAL)

| Batch R343454            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24020001-075AMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Chloride                 |      | 4             |      | 25         | 20.00 | 6.640       | 92.6 | 25.07        | 0.32 | 02/22/2024    |               |

| Batch R343454           |      | SampType: MS |      | Units mg/L |       |             |      | Low Limit | High Limit | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|
| SampID: 24021615-001AMS |      |              |      |            |       |             |      |           |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Chloride                |      | 4            |      | 32         | 20.00 | 14.19       | 88.8 | 85        | 115        | 02/22/2024    |

| Batch R343454            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021615-001AMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Chloride                 |      | 4             |      | 32         | 20.00 | 14.19       | 89.0 | 31.94        | 0.13 | 02/22/2024    |               |

| Batch R343454           |      | SampType: MS |      | Units mg/L |       |             |      | Low Limit | High Limit | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|
| SampID: 24021616-001AMS |      |              |      |            |       |             |      |           |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Chloride                |      | 4            |      | 28         | 20.00 | 10.44       | 89.7 | 85        | 115        | 02/23/2024    |

| Batch R343454            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24021616-001AMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Chloride                 |      | 4             |      | 28         | 20.00 | 10.44       | 89.8 | 28.38        | 0.04 | 02/23/2024    |               |

| Batch R343643    |      | SampType: MBLK |      | Units mg/L |        |             |      | Low Limit | High Limit | Date Analyzed |
|------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |        |             |      |           |            |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Chloride         |      | 4              |      | < 4        | 0.5000 | 0           | 0    | -100      | 100        | 02/23/2024    |

| Batch R343643   |      | SampType: LCS |      | Units mg/L |       |             |      | Low Limit | High Limit | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |      |           |            |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Chloride        |      | 4             |      | 20         | 20.00 | 0           | 98.4 | 90        | 110        | 02/23/2024    |

| Batch R343643           |      | SampType: MS |      | Units mg/L |       |             |       | Low Limit | High Limit | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|
| SampID: 24021615-004AMS |      |              |      |            |       |             |       |           |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
| Chloride                |      | 20           |      | 145        | 100.0 | 43.79       | 100.8 | 85        | 115        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9251 (TOTAL)

| Batch R343643            |      | SampType: MSD |      | Units mg/L |       |             | RPD Limit 15 |             |      |            | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|--------------|-------------|------|------------|---------------|
| SampID: 24021615-004AMSD |      |               |      |            |       |             |              |             |      |            |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD |            |               |
| Chloride                 |      | 20            |      | 137        | 100.0 | 43.79       | 93.2         | 144.6       | 5.40 | 02/23/2024 |               |

| Batch R343732    |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |            | Date Analyzed |
|------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|------------|---------------|
| SampID: ICB/MBLK |      |                |      |            |        |             |      |           |            |            |               |
| Analyses         | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Chloride         |      | 4              |      | < 4        | 0.5000 | 0           | 0    | -100      | 100        | 02/28/2024 |               |

| Batch R343732   |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |            | Date Analyzed |
|-----------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: ICV/LCS |      |               |      |            |       |             |       |           |            |            |               |
| Analyses        | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| Chloride        |      | 4             |      | 20         | 20.00 | 0           | 100.0 | 90        | 110        | 02/28/2024 |               |

| Batch R343732           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24010117-010AMS |      |              |      |            |       |             |      |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Chloride                |      | 4            |      | 42         | 20.00 | 24.84       | 85.0 | 85        | 115        | 02/28/2024 |               |

| Batch R343732            |      | SampType: MSD |      | Units mg/L |       |             | RPD Limit 15 |             |      |            | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|--------------|-------------|------|------------|---------------|
| SampID: 24010117-010AMSD |      |               |      |            |       |             |              |             |      |            |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD |            |               |
| Chloride                 |      | 4             |      | 42         | 20.00 | 24.84       | 85.5         | 41.84       | 0.24 | 02/28/2024 |               |

| Batch R343732           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24021482-002AMS |      |              |      |            |       |             |      |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Chloride                |      | 40           |      | 297        | 200.0 | 117.1       | 89.8 | 85        | 115        | 02/28/2024 |               |

| Batch R343732            |      | SampType: MSD |      | Units mg/L |       |             | RPD Limit 15 |             |      |            | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|--------------|-------------|------|------------|---------------|
| SampID: 24021482-002AMSD |      |               |      |            |       |             |              |             |      |            |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD |            |               |
| Chloride                 |      | 40            |      | 291        | 200.0 | 117.1       | 87.0         | 296.7       | 1.90 | 02/28/2024 |               |

| Batch R343732           |      | SampType: MS |      | Units mg/L |       |             |      |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24021484-003AMS |      |              |      |            |       |             |      |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Chloride                |      | 4            | E    | 55         | 20.00 | 37.53       | 88.0 | 85        | 115        | 02/28/2024 |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 9251 (TOTAL)

| Batch R343732            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021484-003AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 4             | E    | <b>56</b>  | 20.00 | 37.53       | 91.9 | 55.14        | 1.39 | 02/28/2024    |  |

| Batch R343732           |      | SampType: MS |      | Units mg/L |       |             |      | RPD Limit 15 |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|--|
| SampID: 24021733-001AMS |      |              |      |            |       |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Chloride                |      | 4            |      | <b>39</b>  | 20.00 | 21.72       | 86.2 | 85           | 115        | 02/28/2024    |  |

| Batch R343732            |      | SampType: MSD |      | Units mg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24021733-001AMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Chloride                 |      | 4             |      | <b>39</b>  | 20.00 | 21.72       | 85.8 | 38.95        | 0.15 | 02/28/2024    |  |

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

| Batch 218757            |      | SampType: MS |      | Units mg/L    |        |             |      | RPD Limit 20 |            |               |  |
|-------------------------|------|--------------|------|---------------|--------|-------------|------|--------------|------------|---------------|--|
| SampID: 24020991-002FMS |      |              |      |               |        |             |      |              |            |               |  |
| Analyses                | Cert | RL           | Qual | Result        | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |  |
| Arsenic                 |      | 0.0250       |      | <b>0.927</b>  | 1.000  | 0           | 92.7 | 75           | 125        | 02/16/2024    |  |
| Barium                  |      | 0.0025       |      | <b>3.55</b>   | 4.000  | 0.1587      | 84.8 | 75           | 125        | 02/16/2024    |  |
| Cadmium                 |      | 0.0020       |      | <b>0.0872</b> | 0.1000 | 0           | 87.2 | 75           | 125        | 02/16/2024    |  |
| Chromium                |      | 0.0050       |      | <b>0.349</b>  | 0.4000 | 0           | 87.2 | 75           | 125        | 02/16/2024    |  |
| Lead                    |      | 0.0150       |      | <b>0.867</b>  | 1.000  | 0           | 86.7 | 75           | 125        | 02/16/2024    |  |
| Selenium                |      | 0.0400       |      | <b>0.862</b>  | 1.000  | 0           | 86.2 | 75           | 125        | 02/16/2024    |  |
| Silver                  |      | 0.0070       |      | <b>0.0861</b> | 0.1000 | 0           | 86.1 | 75           | 125        | 02/16/2024    |  |

| Batch 218757             |      | SampType: MSD |      | Units mg/L    |        |             |      | RPD Limit 20 |      |               |  |
|--------------------------|------|---------------|------|---------------|--------|-------------|------|--------------|------|---------------|--|
| SampID: 24020991-002FMSD |      |               |      |               |        |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result        | Spike  | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Arsenic                  |      | 0.0250        |      | <b>0.928</b>  | 1.000  | 0           | 92.8 | 0.9269       | 0.09 | 02/16/2024    |  |
| Barium                   |      | 0.0025        |      | <b>3.60</b>   | 4.000  | 0.1587      | 86.0 | 3.550        | 1.40 | 02/16/2024    |  |
| Cadmium                  |      | 0.0020        |      | <b>0.0881</b> | 0.1000 | 0           | 88.1 | 0.08720      | 1.03 | 02/16/2024    |  |
| Chromium                 |      | 0.0050        |      | <b>0.350</b>  | 0.4000 | 0           | 87.5 | 0.3490       | 0.31 | 02/16/2024    |  |
| Lead                     |      | 0.0150        |      | <b>0.870</b>  | 1.000  | 0           | 87.0 | 0.8666       | 0.33 | 02/16/2024    |  |
| Selenium                 |      | 0.0400        |      | <b>0.868</b>  | 1.000  | 0           | 86.8 | 0.8615       | 0.76 | 02/16/2024    |  |
| Silver                   |      | 0.0070        |      | <b>0.0865</b> | 0.1000 | 0           | 86.5 | 0.08610      | 0.46 | 02/16/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 218757            |      | SampType: MS |      | Units mg/L    |        |             |      |           |            |               |  |
|-------------------------|------|--------------|------|---------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020991-010DMS |      |              |      |               |        |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result        | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Arsenic                 |      | 0.0250       |      | <b>0.500</b>  | 0.5000 | 0           | 99.9 | 75        | 125        | 02/16/2024    |  |
| Barium                  |      | 0.0025       |      | <b>1.96</b>   | 2.000  | 0.1497      | 90.5 | 75        | 125        | 02/16/2024    |  |
| Cadmium                 |      | 0.0020       |      | <b>0.0455</b> | 0.0500 | 0           | 91.0 | 75        | 125        | 02/16/2024    |  |
| Chromium                |      | 0.0050       |      | <b>0.182</b>  | 0.2000 | 0           | 91.2 | 75        | 125        | 02/16/2024    |  |
| Lead                    |      | 0.0150       |      | <b>0.457</b>  | 0.5000 | 0           | 91.4 | 75        | 125        | 02/16/2024    |  |
| Selenium                |      | 0.0400       |      | <b>0.458</b>  | 0.5000 | 0           | 91.7 | 75        | 125        | 02/16/2024    |  |
| Silver                  |      | 0.0070       |      | <b>0.0460</b> | 0.0500 | 0           | 92.0 | 75        | 125        | 02/16/2024    |  |

| Batch 218757             |      | SampType: MSD |      | Units mg/L    |        |             |       |             |      |               |  |
|--------------------------|------|---------------|------|---------------|--------|-------------|-------|-------------|------|---------------|--|
| SampID: 24020991-010DMSD |      |               |      |               |        |             |       |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result        | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |
| Arsenic                  |      | 0.0250        |      | <b>0.504</b>  | 0.5000 | 0           | 100.7 | 0.4997      | 0.80 | 02/16/2024    |  |
| Barium                   |      | 0.0025        |      | <b>1.96</b>   | 2.000  | 0.1497      | 90.5  | 1.960       | 0.00 | 02/16/2024    |  |
| Cadmium                  |      | 0.0020        |      | <b>0.0455</b> | 0.0500 | 0           | 91.0  | 0.04550     | 0.00 | 02/16/2024    |  |
| Chromium                 |      | 0.0050        |      | <b>0.184</b>  | 0.2000 | 0           | 91.9  | 0.1825      | 0.71 | 02/16/2024    |  |
| Lead                     |      | 0.0150        |      | <b>0.459</b>  | 0.5000 | 0           | 91.8  | 0.4568      | 0.46 | 02/16/2024    |  |
| Selenium                 |      | 0.0400        |      | <b>0.466</b>  | 0.5000 | 0           | 93.2  | 0.4583      | 1.64 | 02/16/2024    |  |
| Silver                   |      | 0.0070        |      | <b>0.0460</b> | 0.0500 | 0           | 92.0  | 0.04600     | 0.00 | 02/16/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218758 SampType: MBLK Units mg/L

SampID: MBLK-218758

| Analyses   | Cert | RL     | Qual | Result   | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|--------|------|----------|--------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 0.0250 |      | < 0.0250 | 0.0127 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Antimony   |      | 0.0500 |      | < 0.0500 | 0.0068 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Arsenic    |      | 0.0250 |      | < 0.0250 | 0.0087 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Barium     |      | 0.0025 |      | < 0.0025 | 0.0007 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Beryllium  |      | 0.0005 |      | < 0.0005 | 0.0002 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Boron      |      | 0.0200 |      | < 0.0200 | 0.0090 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Cadmium    |      | 0.0020 |      | < 0.0020 | 0.0005 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Calcium    |      | 0.100  |      | < 0.100  | 0.0350 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Chromium   |      | 0.0050 |      | < 0.0050 | 0.0028 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Cobalt     |      | 0.0050 |      | < 0.0050 | 0.0020 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Copper     |      | 0.0050 |      | < 0.0050 | 0.0013 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Iron       |      | 0.0400 |      | < 0.0400 | 0.0200 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Lead       |      | 0.0150 |      | < 0.0150 | 0.0014 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Magnesium  |      | 0.0500 |      | < 0.0500 | 0.0055 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Manganese  |      | 0.0070 |      | < 0.0070 | 0.0025 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Molybdenum |      | 0.0100 |      | < 0.0100 | 0.0037 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Nickel     |      | 0.0050 |      | < 0.0050 | 0.0016 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Potassium  |      | 0.100  |      | < 0.100  | 0.0400 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Selenium   |      | 0.0400 |      | < 0.0400 | 0.0170 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Silver     |      | 0.0070 |      | < 0.0070 | 0.0027 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Sodium     |      | 0.0500 |      | < 0.0500 | 0.0180 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Thallium   |      | 0.0500 |      | < 0.0500 | 0.0111 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Vanadium   |      | 0.0100 |      | < 0.0100 | 0.0009 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Zinc       |      | 0.0100 |      | < 0.0100 | 0.0050 | 0           | 0    | -100      | 100        | 02/16/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218758 SampType: LCS Units mg/L

SampID: LCS-218758

| Analyses   | Cert | RL     | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|--------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 0.0250 |      | 1.76   | 2.000  | 0           | 87.9 | 85        | 115        | 02/16/2024    |
| Antimony   |      | 0.0500 |      | 0.452  | 0.5000 | 0           | 90.5 | 85        | 115        | 02/16/2024    |
| Arsenic    |      | 0.0250 |      | 0.472  | 0.5000 | 0           | 94.3 | 85        | 115        | 02/16/2024    |
| Barium     |      | 0.0025 |      | 1.82   | 2.000  | 0           | 90.9 | 85        | 115        | 02/16/2024    |
| Beryllium  |      | 0.0005 |      | 0.0465 | 0.0500 | 0           | 93.0 | 85        | 115        | 02/16/2024    |
| Boron      |      | 0.0200 |      | 0.449  | 0.5000 | 0           | 89.7 | 85        | 115        | 02/16/2024    |
| Cadmium    |      | 0.0020 |      | 0.0467 | 0.0500 | 0           | 93.4 | 85        | 115        | 02/16/2024    |
| Calcium    |      | 0.100  |      | 2.32   | 2.500  | 0           | 92.7 | 85        | 115        | 02/16/2024    |
| Chromium   |      | 0.0050 |      | 0.180  | 0.2000 | 0           | 89.9 | 85        | 115        | 02/16/2024    |
| Cobalt     |      | 0.0050 |      | 0.444  | 0.5000 | 0           | 88.8 | 85        | 115        | 02/16/2024    |
| Copper     |      | 0.0050 |      | 0.230  | 0.2500 | 0           | 92.2 | 85        | 115        | 02/16/2024    |
| Iron       |      | 0.0400 |      | 1.81   | 2.000  | 0           | 90.6 | 85        | 115        | 02/16/2024    |
| Lead       |      | 0.0150 |      | 0.450  | 0.5000 | 0           | 90.0 | 85        | 115        | 02/16/2024    |
| Magnesium  |      | 0.0500 |      | 2.14   | 2.500  | 0           | 85.8 | 85        | 115        | 02/16/2024    |
| Manganese  |      | 0.0070 |      | 0.450  | 0.5000 | 0           | 90.1 | 85        | 115        | 02/16/2024    |
| Molybdenum |      | 0.0100 |      | 0.435  | 0.5000 | 0           | 87.0 | 85        | 115        | 02/16/2024    |
| Nickel     |      | 0.0050 |      | 0.451  | 0.5000 | 0           | 90.1 | 85        | 115        | 02/16/2024    |
| Potassium  |      | 0.100  |      | 2.46   | 2.500  | 0           | 98.4 | 85        | 115        | 02/16/2024    |
| Selenium   |      | 0.0400 |      | 0.450  | 0.5000 | 0           | 90.1 | 85        | 115        | 02/16/2024    |
| Silver     |      | 0.0070 |      | 0.0458 | 0.0500 | 0           | 91.6 | 85        | 115        | 02/16/2024    |
| Sodium     |      | 0.0500 |      | 2.29   | 2.500  | 0           | 91.7 | 85        | 115        | 02/16/2024    |
| Thallium   |      | 0.0500 |      | 0.225  | 0.2500 | 0           | 90.1 | 85        | 115        | 02/16/2024    |
| Vanadium   |      | 0.0100 |      | 0.447  | 0.5000 | 0           | 89.5 | 85        | 115        | 02/16/2024    |
| Zinc       |      | 0.0100 |      | 0.453  | 0.5000 | 0           | 90.5 | 85        | 115        | 02/16/2024    |

Batch 218758 SampType: MS Units mg/L

SampID: 24020991-012DMS

| Analyses | Cert | RL     | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|----------|------|--------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Arsenic  |      | 0.0250 |      | 0.896  | 1.000  | 0           | 89.6 | 75        | 125        | 02/16/2024    |
| Barium   |      | 0.0025 |      | 3.55   | 4.000  | 0.2069      | 83.6 | 75        | 125        | 02/16/2024    |
| Cadmium  |      | 0.0020 |      | 0.0907 | 0.1000 | 0.005600    | 85.1 | 75        | 125        | 02/16/2024    |
| Chromium |      | 0.0050 |      | 0.342  | 0.4000 | 0           | 85.4 | 75        | 125        | 02/16/2024    |
| Lead     |      | 0.0150 |      | 0.842  | 1.000  | 0           | 84.2 | 75        | 125        | 02/16/2024    |
| Selenium |      | 0.0400 |      | 0.850  | 1.000  | 0           | 85.0 | 75        | 125        | 02/16/2024    |
| Silver   |      | 0.0070 |      | 0.0854 | 0.1000 | 0           | 85.4 | 75        | 125        | 02/16/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 218758             |      | SampType: MSD |      | Units mg/L    |        |             |      | RPD Limit 20 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|---------------|--------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24020991-012DMSD |      |               |      |               |        |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result        | Spike  | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Arsenic                  |      | 0.0250        |      | <b>0.929</b>  | 1.000  | 0           | 92.9 | 0.8958       | 3.62 | 02/16/2024    |               |
| Barium                   |      | 0.0025        |      | <b>3.67</b>   | 4.000  | 0.2069      | 86.6 | 3.550        | 3.32 | 02/16/2024    |               |
| Cadmium                  |      | 0.0020        |      | <b>0.0935</b> | 0.1000 | 0.005600    | 87.9 | 0.09070      | 3.04 | 02/16/2024    |               |
| Chromium                 |      | 0.0050        |      | <b>0.354</b>  | 0.4000 | 0           | 88.5 | 0.3416       | 3.59 | 02/16/2024    |               |
| Lead                     |      | 0.0150        |      | <b>0.875</b>  | 1.000  | 0           | 87.5 | 0.8421       | 3.79 | 02/16/2024    |               |
| Selenium                 |      | 0.0400        |      | <b>0.878</b>  | 1.000  | 0           | 87.8 | 0.8496       | 3.28 | 02/16/2024    |               |
| Silver                   |      | 0.0070        |      | <b>0.0883</b> | 0.1000 | 0           | 88.3 | 0.08540      | 3.34 | 02/16/2024    |               |

| Batch 218795        |      | SampType: MBLK |      | Units mg/L      |        |             |      |           |            | Date Analyzed |
|---------------------|------|----------------|------|-----------------|--------|-------------|------|-----------|------------|---------------|
| SampID: MBLK-218795 |      |                |      |                 |        |             |      |           |            |               |
| Analyses            | Cert | RL             | Qual | Result          | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Arsenic             |      | 0.0250         |      | < <b>0.0250</b> | 0.0087 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Barium              |      | 0.0025         |      | < <b>0.0025</b> | 0.0007 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Cadmium             |      | 0.0020         |      | < <b>0.0020</b> | 0.0005 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Calcium             |      | 0.100          |      | < <b>0.100</b>  | 0.0350 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Chromium            |      | 0.0050         |      | < <b>0.0050</b> | 0.0028 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Lead                |      | 0.0150         |      | < <b>0.0150</b> | 0.0014 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Magnesium           |      | 0.0500         |      | < <b>0.0500</b> | 0.0055 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Potassium           |      | 0.100          |      | < <b>0.100</b>  | 0.0400 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Selenium            |      | 0.0400         |      | < <b>0.0400</b> | 0.0170 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Silver              |      | 0.0070         |      | < <b>0.0070</b> | 0.0027 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Sodium              |      | 0.0500         |      | < <b>0.0500</b> | 0.0180 | 0           | 0    | -100      | 100        | 02/26/2024    |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218795 SampType: LCS Units mg/L

SampID: LCS-218795

| Analyses  | Cert | RL     | Qual | Result        | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|-----------|------|--------|------|---------------|--------|-------------|-------|-----------|------------|---------------|
| Arsenic   |      | 0.0250 |      | <b>0.503</b>  | 0.5000 | 0           | 100.7 | 85        | 115        | 02/26/2024    |
| Barium    |      | 0.0025 |      | <b>1.95</b>   | 2.000  | 0           | 97.5  | 85        | 115        | 02/26/2024    |
| Cadmium   |      | 0.0020 |      | <b>0.0445</b> | 0.0500 | 0           | 89.0  | 85        | 115        | 02/26/2024    |
| Calcium   |      | 0.100  |      | <b>2.55</b>   | 2.500  | 0           | 102.1 | 85        | 115        | 02/26/2024    |
| Chromium  |      | 0.0050 |      | <b>0.200</b>  | 0.2000 | 0           | 100.0 | 85        | 115        | 02/26/2024    |
| Lead      |      | 0.0150 |      | <b>0.489</b>  | 0.5000 | 0           | 97.7  | 85        | 115        | 02/26/2024    |
| Magnesium |      | 0.0500 |      | <b>2.44</b>   | 2.500  | 0           | 97.6  | 85        | 115        | 02/26/2024    |
| Potassium |      | 0.100  |      | <b>2.69</b>   | 2.500  | 0           | 107.5 | 85        | 115        | 02/26/2024    |
| Selenium  |      | 0.0400 |      | <b>0.484</b>  | 0.5000 | 0           | 96.9  | 85        | 115        | 02/26/2024    |
| Silver    |      | 0.0070 |      | <b>0.0500</b> | 0.0500 | 0           | 100.0 | 85        | 115        | 02/26/2024    |
| Sodium    |      | 0.0500 |      | <b>2.54</b>   | 2.500  | 0           | 101.5 | 85        | 115        | 02/26/2024    |

Batch 218795 SampType: MS Units mg/L

SampID: 24021494-003FMS

| Analyses | Cert | RL     | Qual | Result        | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|----------|------|--------|------|---------------|--------|-------------|-------|-----------|------------|---------------|
| Arsenic  |      | 0.0250 |      | <b>0.523</b>  | 0.5000 | 0.01610     | 101.5 | 75        | 125        | 02/26/2024    |
| Barium   |      | 0.0025 |      | <b>2.18</b>   | 2.000  | 0.3081      | 93.6  | 75        | 125        | 02/26/2024    |
| Cadmium  |      | 0.0020 |      | <b>0.0422</b> | 0.0500 | 0           | 84.4  | 75        | 125        | 02/26/2024    |
| Chromium |      | 0.0050 |      | <b>0.196</b>  | 0.2000 | 0           | 98.1  | 75        | 125        | 02/26/2024    |
| Lead     |      | 0.0150 |      | <b>0.470</b>  | 0.5000 | 0           | 94.0  | 75        | 125        | 02/26/2024    |
| Selenium |      | 0.0400 |      | <b>0.495</b>  | 0.5000 | 0           | 98.9  | 75        | 125        | 02/26/2024    |
| Silver   |      | 0.0070 |      | <b>0.0517</b> | 0.0500 | 0           | 103.4 | 75        | 125        | 02/26/2024    |

Batch 218795 SampType: MSD Units mg/L

RPD Limit 20

SampID: 24021494-003FMSD

| Analyses | Cert | RL     | Qual | Result        | Spike  | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |
|----------|------|--------|------|---------------|--------|-------------|-------|-------------|------|---------------|
| Arsenic  |      | 0.0250 |      | <b>0.528</b>  | 0.5000 | 0.01610     | 102.3 | 0.5234      | 0.80 | 02/26/2024    |
| Barium   |      | 0.0025 |      | <b>2.16</b>   | 2.000  | 0.3081      | 92.6  | 2.180       | 0.92 | 02/26/2024    |
| Cadmium  |      | 0.0020 |      | <b>0.0426</b> | 0.0500 | 0           | 85.2  | 0.04220     | 0.94 | 02/26/2024    |
| Chromium |      | 0.0050 |      | <b>0.197</b>  | 0.2000 | 0           | 98.4  | 0.1962      | 0.31 | 02/26/2024    |
| Lead     |      | 0.0150 |      | <b>0.472</b>  | 0.5000 | 0           | 94.5  | 0.4702      | 0.45 | 02/26/2024    |
| Selenium |      | 0.0400 |      | <b>0.505</b>  | 0.5000 | 0           | 101.0 | 0.4946      | 2.12 | 02/26/2024    |
| Silver   |      | 0.0070 |      | <b>0.0515</b> | 0.0500 | 0           | 103.0 | 0.05170     | 0.39 | 02/26/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218861 SampType: MBLK Units mg/L

SampID: MBLK-218861

| Analyses  | Cert | RL    | Qual | Result  | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|-----------|------|-------|------|---------|--------|-------------|------|-----------|------------|---------------|
| Calcium   |      | 0.100 |      | < 0.100 | 0.0350 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Magnesium |      | 0.050 |      | < 0.050 | 0.0055 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Potassium |      | 0.100 |      | < 0.100 | 0.0400 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Sodium    |      | 0.050 |      | < 0.050 | 0.0180 | 0           | 0    | -100      | 100        | 02/19/2024    |

Batch 218861 SampType: LCS Units mg/L

SampID: LCS-218861

| Analyses  | Cert | RL    | Qual | Result | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|-----------|------|-------|------|--------|-------|-------------|------|-----------|------------|---------------|
| Calcium   |      | 0.100 |      | 2.35   | 2.500 | 0           | 94.2 | 85        | 115        | 02/19/2024    |
| Magnesium |      | 0.050 |      | 2.14   | 2.500 | 0           | 85.7 | 85        | 115        | 02/19/2024    |
| Potassium |      | 0.100 |      | 2.42   | 2.500 | 0           | 96.7 | 85        | 115        | 02/19/2024    |
| Sodium    |      | 0.050 |      | 2.40   | 2.500 | 0           | 96.1 | 85        | 115        | 02/19/2024    |

Batch 218861 SampType: MS Units mg/L

SampID: 24020001-086DMS

| Analyses  | Cert | RL    | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|-----------|------|-------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Calcium   |      | 0.100 | S    | 68.8   | 2.500 | 67.17       | 66.0  | 75        | 125        | 02/19/2024    |
| Magnesium |      | 0.050 |      | 33.0   | 2.500 | 31.06       | 77.8  | 75        | 125        | 02/19/2024    |
| Potassium |      | 0.100 |      | 3.07   | 2.500 | 0.5319      | 101.3 | 75        | 125        | 02/19/2024    |
| Sodium    |      | 0.050 | S    | 59.3   | 2.500 | 58.04       | 51.2  | 75        | 125        | 02/19/2024    |

Batch 218861 SampType: MSD Units mg/L

RPD Limit 20

SampID: 24020001-086DMSD

| Analyses  | Cert | RL    | Qual | Result | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |
|-----------|------|-------|------|--------|-------|-------------|-------|-------------|------|---------------|
| Calcium   |      | 0.100 |      | 69.2   | 2.500 | 67.17       | 79.6  | 68.82       | 0.49 | 02/19/2024    |
| Magnesium |      | 0.050 |      | 33.1   | 2.500 | 31.06       | 79.8  | 33.01       | 0.15 | 02/19/2024    |
| Potassium |      | 0.100 |      | 3.06   | 2.500 | 0.5319      | 101.3 | 3.065       | 0.06 | 02/19/2024    |
| Sodium    |      | 0.050 | S    | 59.5   | 2.500 | 58.04       | 58.4  | 59.32       | 0.30 | 02/19/2024    |

Batch 218862 SampType: MBLK Units mg/L

SampID: MBLK-218862

| Analyses  | Cert | RL     | Qual | Result   | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|-----------|------|--------|------|----------|--------|-------------|------|-----------|------------|---------------|
| Calcium   |      | 0.100  |      | < 0.100  | 0.0350 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Magnesium |      | 0.0500 |      | < 0.0500 | 0.0055 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Potassium |      | 0.100  |      | < 0.100  | 0.0400 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Sodium    |      | 0.0500 |      | < 0.0500 | 0.0180 | 0           | 0    | -100      | 100        | 02/19/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218862 SampType: LCS Units mg/L

SampID: LCS-218862

| Analyses  | Cert | RL     | Qual | Result | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|-----------|------|--------|------|--------|-------|-------------|------|-----------|------------|---------------|
| Calcium   |      | 0.100  |      | 2.42   | 2.500 | 0           | 96.6 | 85        | 115        | 02/19/2024    |
| Magnesium |      | 0.0500 |      | 2.24   | 2.500 | 0           | 89.4 | 85        | 115        | 02/19/2024    |
| Potassium |      | 0.100  |      | 2.48   | 2.500 | 0           | 99.1 | 85        | 115        | 02/19/2024    |
| Sodium    |      | 0.0500 |      | 2.44   | 2.500 | 0           | 97.4 | 85        | 115        | 02/19/2024    |

Batch 218862 SampType: MS Units mg/L

SampID: 24020001-098DMS

| Analyses  | Cert | RL    | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|-----------|------|-------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Calcium   |      | 0.100 | S    | 81.8   | 2.500 | 80.48       | 53.2  | 75        | 125        | 02/19/2024    |
| Magnesium |      | 0.050 | S    | 35.1   | 2.500 | 33.51       | 62.4  | 75        | 125        | 02/19/2024    |
| Potassium |      | 0.100 |      | 2.94   | 2.500 | 0.4292      | 100.3 | 75        | 125        | 02/19/2024    |
| Sodium    |      | 0.050 | S    | 61.8   | 2.500 | 60.92       | 33.2  | 75        | 125        | 02/19/2024    |

Batch 218862 SampType: MSD Units mg/L

SampID: 24020001-098DMSD

RPD Limit 20

| Analyses  | Cert | RL    | Qual | Result | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |
|-----------|------|-------|------|--------|-------|-------------|-------|-------------|------|---------------|
| Calcium   |      | 0.100 | S    | 81.8   | 2.500 | 80.48       | 54.4  | 81.81       | 0.04 | 02/19/2024    |
| Magnesium |      | 0.050 | S    | 35.2   | 2.500 | 33.51       | 67.6  | 35.07       | 0.37 | 02/19/2024    |
| Potassium |      | 0.100 |      | 2.93   | 2.500 | 0.4292      | 100.1 | 2.938       | 0.18 | 02/19/2024    |
| Sodium    |      | 0.050 | S    | 61.6   | 2.500 | 60.92       | 27.6  | 61.75       | 0.23 | 02/19/2024    |

Batch 219032 SampType: MBLK Units mg/L

SampID: MBLK-219032

| Analyses  | Cert | RL    | Qual | Result  | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|-----------|------|-------|------|---------|--------|-------------|------|-----------|------------|---------------|
| Calcium   |      | 0.100 |      | < 0.100 | 0.0350 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Magnesium |      | 0.050 |      | < 0.050 | 0.0055 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Potassium |      | 0.100 |      | < 0.100 | 0.0400 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Sodium    |      | 0.050 |      | < 0.050 | 0.0180 | 0           | 0    | -100      | 100        | 02/22/2024    |

Batch 219032 SampType: LCS Units mg/L

SampID: LCS-219032

| Analyses  | Cert | RL    | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|-----------|------|-------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Calcium   |      | 0.100 |      | 2.44   | 2.500 | 0           | 97.7  | 85        | 115        | 02/22/2024    |
| Magnesium |      | 0.050 |      | 2.33   | 2.500 | 0           | 93.1  | 85        | 115        | 02/22/2024    |
| Potassium |      | 0.100 |      | 2.57   | 2.500 | 0           | 102.7 | 85        | 115        | 02/22/2024    |
| Sodium    |      | 0.050 |      | 2.46   | 2.500 | 0           | 98.3  | 85        | 115        | 02/22/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 218746        |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|
| SampID: MBLK-218746 |      |                |      |            |        |             |      |           |            |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Calcium             |      | 0.100          |      | < 0.100    | 0.0350 | 0           | 0    | -100      | 100        | 02/15/2024    |
| Magnesium           |      | 0.0500         |      | < 0.0500   | 0.0055 | 0           | 0    | -100      | 100        | 02/15/2024    |
| Potassium           |      | 0.100          |      | < 0.100    | 0.0400 | 0           | 0    | -100      | 100        | 02/15/2024    |
| Sodium              |      | 0.0500         |      | < 0.0500   | 0.0180 | 0           | 0    | -100      | 100        | 02/15/2024    |

| Batch 218746       |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|
| SampID: LCS-218746 |      |               |      |            |       |             |       |           |            |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
| Calcium            |      | 0.100         |      | 2.44       | 2.500 | 0           | 97.6  | 85        | 115        | 02/15/2024    |
| Magnesium          |      | 0.0500        |      | 2.46       | 2.500 | 0           | 98.6  | 85        | 115        | 02/15/2024    |
| Potassium          |      | 0.100         |      | 2.53       | 2.500 | 0           | 101.3 | 85        | 115        | 02/15/2024    |
| Sodium             |      | 0.0500        |      | 2.39       | 2.500 | 0           | 95.4  | 85        | 115        | 02/15/2024    |

| Batch 218746            |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|
| SampID: 24020001-032CMS |      |              |      |            |       |             |       |           |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
| Calcium                 |      | 0.100        |      | 145        | 2.500 | 143.2       | 90.4  | 75        | 125        | 02/15/2024    |
| Magnesium               |      | 0.050        |      | 56.2       | 2.500 | 53.60       | 103.3 | 75        | 125        | 02/15/2024    |
| Potassium               |      | 0.100        |      | 3.14       | 2.500 | 0.6563      | 99.4  | 75        | 125        | 02/15/2024    |
| Sodium                  |      | 0.050        | S    | 73.5       | 2.500 | 71.89       | 66.0  | 75        | 125        | 02/15/2024    |

| Batch 218746             |      | SampType: MSD |      | Units mg/L |       |             |      |             |      |               | RPD Limit 20 |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|
| SampID: 24020001-032CMSD |      |               |      |            |       |             |      |             |      |               |              |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |
| Calcium                  |      | 0.100         | S    | 145        | 2.500 | 143.2       | 52.8 | 145.5       | 0.65 | 02/15/2024    |              |
| Magnesium                |      | 0.050         | S    | 55.3       | 2.500 | 53.60       | 68.4 | 56.18       | 1.57 | 02/15/2024    |              |
| Potassium                |      | 0.100         |      | 3.10       | 2.500 | 0.6563      | 97.9 | 3.142       | 1.18 | 02/15/2024    |              |
| Sodium                   |      | 0.050         | S    | 73.6       | 2.500 | 71.89       | 68.8 | 73.54       | 0.10 | 02/15/2024    |              |

| Batch 218807        |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|
| SampID: MBLK-218807 |      |                |      |            |        |             |      |           |            |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Calcium             |      | 0.100          |      | < 0.100    | 0.0350 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Magnesium           |      | 0.0500         |      | < 0.0500   | 0.0055 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Potassium           |      | 0.100          |      | < 0.100    | 0.0400 | 0           | 0    | -100      | 100        | 02/16/2024    |
| Sodium              |      | 0.0500         |      | < 0.0500   | 0.0180 | 0           | 0    | -100      | 100        | 02/16/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 218807       |      | SampType: LCS |      | Units mg/L  |       |             |       |           |            |               | Date Analyzed |
|--------------------|------|---------------|------|-------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: LCS-218807 |      |               |      |             |       |             |       |           |            |               |               |
| Analyses           | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Calcium            |      | 0.100         |      | <b>2.38</b> | 2.500 | 0           | 95.3  | 85        | 115        | 02/16/2024    |               |
| Magnesium          |      | 0.0500        |      | <b>2.29</b> | 2.500 | 0           | 91.7  | 85        | 115        | 02/16/2024    |               |
| Potassium          |      | 0.100         |      | <b>2.51</b> | 2.500 | 0           | 100.4 | 85        | 115        | 02/16/2024    |               |
| Sodium             |      | 0.0500        |      | <b>2.34</b> | 2.500 | 0           | 93.7  | 85        | 115        | 02/16/2024    |               |

| Batch 218807            |      | SampType: MS |      | Units mg/L  |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|-------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-005CMS |      |              |      |             |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Calcium                 |      | 0.100        | S    | <b>83.3</b> | 2.500 | 82.90       | 16.4  | 75        | 125        | 02/16/2024    |               |
| Magnesium               |      | 0.050        | S    | <b>37.5</b> | 2.500 | 35.99       | 60.2  | 75        | 125        | 02/16/2024    |               |
| Potassium               |      | 0.100        |      | <b>3.07</b> | 2.500 | 0.5439      | 101.1 | 75        | 125        | 02/16/2024    |               |
| Sodium                  |      | 0.050        | S    | <b>62.4</b> | 2.500 | 61.82       | 22.4  | 75        | 125        | 02/16/2024    |               |

| Batch 218807             |      | SampType: MSD |      | Units mg/L  |       |             |       |             |      |               | RPD Limit 20 | Date Analyzed |
|--------------------------|------|---------------|------|-------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-005CMSD |      |               |      |             |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Calcium                  |      | 0.100         | S    | <b>86.2</b> | 2.500 | 82.90       | 131.2 | 83.31       | 3.39 | 02/16/2024    |              |               |
| Magnesium                |      | 0.050         |      | <b>39.1</b> | 2.500 | 35.99       | 123.7 | 37.49       | 4.14 | 02/16/2024    |              |               |
| Potassium                |      | 0.100         |      | <b>3.13</b> | 2.500 | 0.5439      | 103.3 | 3.070       | 1.80 | 02/16/2024    |              |               |
| Sodium                   |      | 0.050         |      | <b>64.3</b> | 2.500 | 61.82       | 99.2  | 62.38       | 3.03 | 02/16/2024    |              |               |

| Batch 218807            |      | SampType: MS |      | Units mg/L  |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|-------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-060BMS |      |              |      |             |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Calcium                 |      | 0.100        | S    | <b>172</b>  | 2.500 | 172.4       | 1.6   | 75        | 125        | 02/16/2024    |               |
| Magnesium               |      | 0.050        | S    | <b>145</b>  | 2.500 | 144.3       | 39.7  | 75        | 125        | 02/16/2024    |               |
| Potassium               |      | 0.100        |      | <b>4.53</b> | 2.500 | 1.975       | 102.4 | 75        | 125        | 02/16/2024    |               |
| Sodium                  |      | 0.050        | S    | <b>164</b>  | 2.500 | 163.5       | 23.6  | 75        | 125        | 02/16/2024    |               |

| Batch 218807             |      | SampType: MSD |      | Units mg/L  |       |             |       |             |      |               | RPD Limit 20 | Date Analyzed |
|--------------------------|------|---------------|------|-------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-060BMSD |      |               |      |             |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Calcium                  |      | 0.100         | S    | <b>170</b>  | 2.500 | 172.4       | -92.0 | 172.4       | 1.37 | 02/16/2024    |              |               |
| Magnesium                |      | 0.050         | S    | <b>143</b>  | 2.500 | 144.3       | -70.1 | 145.3       | 1.91 | 02/16/2024    |              |               |
| Potassium                |      | 0.100         |      | <b>4.45</b> | 2.500 | 1.975       | 99.0  | 4.534       | 1.87 | 02/16/2024    |              |               |
| Sodium                   |      | 0.050         | S    | <b>162</b>  | 2.500 | 163.5       | -54.4 | 164.1       | 1.20 | 02/16/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218847 SampType: MBLK Units mg/L

SampID: MBLK-218847

| Analyses  | Cert | RL    | Qual | Result  | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|-----------|------|-------|------|---------|--------|-------------|------|-----------|------------|---------------|
| Calcium   |      | 0.100 |      | < 0.100 | 0.0350 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Magnesium |      | 0.050 |      | < 0.050 | 0.0055 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Potassium |      | 0.100 |      | < 0.100 | 0.0400 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Sodium    |      | 0.050 |      | < 0.050 | 0.0180 | 0           | 0    | -100      | 100        | 02/19/2024    |

Batch 218847 SampType: LCS Units mg/L

SampID: LCS-218847

| Analyses  | Cert | RL    | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|-----------|------|-------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Calcium   |      | 0.100 |      | 2.59   | 2.500 | 0           | 103.4 | 85        | 115        | 02/19/2024    |
| Magnesium |      | 0.050 |      | 2.45   | 2.500 | 0           | 98.1  | 85        | 115        | 02/19/2024    |
| Potassium |      | 0.100 |      | 2.78   | 2.500 | 0           | 111.3 | 85        | 115        | 02/19/2024    |
| Sodium    |      | 0.050 |      | 2.71   | 2.500 | 0           | 108.2 | 85        | 115        | 02/19/2024    |

Batch 218847 SampType: MS Units mg/L

SampID: 24020001-015CMS

| Analyses  | Cert | RL    | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|-----------|------|-------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Calcium   |      | 0.100 | S    | 99.9   | 2.500 | 99.30       | 23.2  | 75        | 125        | 02/19/2024    |
| Magnesium |      | 0.050 |      | 45.6   | 2.500 | 43.53       | 82.2  | 75        | 125        | 02/19/2024    |
| Potassium |      | 0.100 |      | 3.46   | 2.500 | 0.6384      | 112.7 | 75        | 125        | 02/19/2024    |
| Sodium    |      | 0.050 |      | 43.3   | 2.500 | 41.19       | 83.2  | 75        | 125        | 02/19/2024    |

Batch 218847 SampType: MSD Units mg/L

RPD Limit 20

SampID: 24020001-015CMSD

| Analyses  | Cert | RL    | Qual | Result | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |
|-----------|------|-------|------|--------|-------|-------------|-------|-------------|------|---------------|
| Calcium   |      | 0.100 | S    | 99.4   | 2.500 | 99.30       | 4.4   | 99.88       | 0.47 | 02/19/2024    |
| Magnesium |      | 0.050 |      | 45.4   | 2.500 | 43.53       | 76.0  | 45.59       | 0.34 | 02/19/2024    |
| Potassium |      | 0.100 |      | 3.44   | 2.500 | 0.6384      | 112.0 | 3.457       | 0.57 | 02/19/2024    |
| Sodium    |      | 0.050 | S    | 42.9   | 2.500 | 41.19       | 66.8  | 43.27       | 0.95 | 02/19/2024    |

Batch 218847 SampType: MS Units mg/L

SampID: 24020001-071BMS

| Analyses  | Cert | RL    | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|-----------|------|-------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Calcium   |      | 0.100 |      | 146    | 2.500 | 142.9       | 110.8 | 75        | 125        | 02/19/2024    |
| Magnesium |      | 0.050 |      | 66.8   | 2.500 | 63.69       | 123.5 | 75        | 125        | 02/19/2024    |
| Potassium |      | 0.100 |      | 3.24   | 2.500 | 0.2952      | 117.8 | 75        | 125        | 02/19/2024    |
| Sodium    |      | 0.050 | S    | 117    | 2.500 | 113.4       | 135.6 | 75        | 125        | 02/19/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 218847             |      | SampType: MSD |      | Units mg/L |       |             |       | RPD Limit 20 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24020001-071BMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Calcium                  |      | 0.100         | S    | 149        | 2.500 | 142.9       | 238.0 | 145.6        | 2.16 | 02/19/2024    |  |
| Magnesium                |      | 0.050         | S    | 68.0       | 2.500 | 63.69       | 172.2 | 66.77        | 1.81 | 02/19/2024    |  |
| Potassium                |      | 0.100         |      | 3.25       | 2.500 | 0.2952      | 118.2 | 3.241        | 0.24 | 02/19/2024    |  |
| Sodium                   |      | 0.050         | S    | 119        | 2.500 | 113.4       | 238.0 | 116.8        | 2.17 | 02/19/2024    |  |

| Batch 218873        |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK-218873 |      |                |      |            |        |             |      |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Calcium             |      | 0.100          |      | < 0.100    | 0.0350 | 0           | 0    | -100      | 100        | 02/20/2024    |  |
| Magnesium           |      | 0.0500         |      | < 0.0500   | 0.0055 | 0           | 0    | -100      | 100        | 02/20/2024    |  |
| Potassium           |      | 0.100          |      | < 0.100    | 0.0400 | 0           | 0    | -100      | 100        | 02/20/2024    |  |
| Sodium              |      | 0.0500         |      | < 0.0500   | 0.0180 | 0           | 0    | -100      | 100        | 02/20/2024    |  |

| Batch 218873       |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |  |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS-218873 |      |               |      |            |       |             |       |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Calcium            |      | 0.100         |      | 2.57       | 2.500 | 0           | 102.8 | 85        | 115        | 02/20/2024    |  |
| Magnesium          |      | 0.0500        |      | 2.46       | 2.500 | 0           | 98.3  | 85        | 115        | 02/20/2024    |  |
| Potassium          |      | 0.100         |      | 2.57       | 2.500 | 0           | 103.0 | 85        | 115        | 02/20/2024    |  |
| Sodium             |      | 0.0500        |      | 2.52       | 2.500 | 0           | 100.9 | 85        | 115        | 02/20/2024    |  |

| Batch 218955        |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |  |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK-218955 |      |                |      |            |        |             |      |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Calcium             |      | 0.100          |      | < 0.100    | 0.0350 | 0           | 0    | -100      | 100        | 02/21/2024    |  |
| Magnesium           |      | 0.0500         |      | < 0.0500   | 0.0055 | 0           | 0    | -100      | 100        | 02/21/2024    |  |
| Potassium           |      | 0.100          |      | < 0.100    | 0.0400 | 0           | 0    | -100      | 100        | 02/21/2024    |  |
| Sodium              |      | 0.0500         |      | < 0.0500   | 0.0180 | 0           | 0    | -100      | 100        | 02/21/2024    |  |

| Batch 218955       |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |  |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS-218955 |      |               |      |            |       |             |       |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Calcium            |      | 0.100         |      | 2.50       | 2.500 | 0           | 100.1 | 85        | 115        | 02/21/2024    |  |
| Magnesium          |      | 0.0500        |      | 2.34       | 2.500 | 0           | 93.5  | 85        | 115        | 02/21/2024    |  |
| Potassium          |      | 0.100         |      | 2.63       | 2.500 | 0           | 105.0 | 85        | 115        | 02/21/2024    |  |
| Sodium             |      | 0.0500        |      | 2.50       | 2.500 | 0           | 100.1 | 85        | 115        | 02/21/2024    |  |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 218955            |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-045CMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Calcium                 |      | 0.100        |      | 170        | 2.500 | 167.8       | 89.6  | 75        | 125        | 02/21/2024    |               |
| Magnesium               |      | 0.050        |      | 86.3       | 2.500 | 84.20       | 82.2  | 75        | 125        | 02/21/2024    |               |
| Potassium               |      | 0.100        |      | 3.32       | 2.500 | 0.7228      | 104.0 | 75        | 125        | 02/21/2024    |               |
| Sodium                  |      | 0.050        |      | 101        | 2.500 | 98.81       | 103.2 | 75        | 125        | 02/21/2024    |               |

| Batch 218955             |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 20 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-045CMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Calcium                  |      | 0.100         | S    | 177        | 2.500 | 167.8       | 361.2 | 170.0       | 3.92 | 02/21/2024    |              |               |
| Magnesium                |      | 0.050         | S    | 89.3       | 2.500 | 84.20       | 205.7 | 86.25       | 3.51 | 02/21/2024    |              |               |
| Potassium                |      | 0.100         |      | 3.38       | 2.500 | 0.7228      | 106.1 | 3.324       | 1.54 | 02/21/2024    |              |               |
| Sodium                   |      | 0.050         | S    | 106        | 2.500 | 98.81       | 273.2 | 101.4       | 4.11 | 02/21/2024    |              |               |

| Batch 218955            |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-100CMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Calcium                 |      | 0.100        | S    | 169        | 2.500 | 168.2       | 45.2  | 75        | 125        | 02/21/2024    |               |
| Magnesium               |      | 0.050        |      | 87.1       | 2.500 | 84.91       | 86.4  | 75        | 125        | 02/21/2024    |               |
| Potassium               |      | 0.100        |      | 3.27       | 2.500 | 0.5409      | 109.0 | 75        | 125        | 02/21/2024    |               |
| Sodium                  |      | 0.050        |      | 105        | 2.500 | 102.5       | 111.6 | 75        | 125        | 02/21/2024    |               |

| Batch 218955             |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 20 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-100CMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Calcium                  |      | 0.100         | S    | 172        | 2.500 | 168.2       | 142.4 | 169.3       | 1.43 | 02/21/2024    |              |               |
| Magnesium                |      | 0.050         | S    | 88.4       | 2.500 | 84.91       | 139.0 | 87.07       | 1.50 | 02/21/2024    |              |               |
| Potassium                |      | 0.100         |      | 3.26       | 2.500 | 0.5409      | 108.6 | 3.265       | 0.25 | 02/21/2024    |              |               |
| Sodium                   |      | 0.050         | S    | 106        | 2.500 | 102.5       | 132.8 | 105.3       | 0.50 | 02/21/2024    |              |               |

| Batch 219022        |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK-219022 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Calcium             |      | 0.100          |      | < 0.100    | 0.0350 | 0           | 0    | -100      | 100        | 02/22/2024    |               |
| Magnesium           |      | 0.050          |      | < 0.050    | 0.0055 | 0           | 0    | -100      | 100        | 02/22/2024    |               |
| Potassium           |      | 0.100          |      | < 0.100    | 0.0400 | 0           | 0    | -100      | 100        | 02/22/2024    |               |
| Sodium              |      | 0.050          |      | < 0.050    | 0.0180 | 0           | 0    | -100      | 100        | 02/22/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219022       |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |  |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS-219022 |      |               |      |            |       |             |       |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Calcium            |      | 0.100         |      | 2.47       | 2.500 | 0           | 98.6  | 85        | 115        | 02/22/2024    |  |
| Magnesium          |      | 0.050         |      | 2.39       | 2.500 | 0           | 95.6  | 85        | 115        | 02/22/2024    |  |
| Potassium          |      | 0.100         |      | 2.52       | 2.500 | 0           | 100.8 | 85        | 115        | 02/22/2024    |  |
| Sodium             |      | 0.050         |      | 2.44       | 2.500 | 0           | 97.6  | 85        | 115        | 02/22/2024    |  |

| Batch 219022            |      | SampType: MS |      | Units mg/L |       |             |        |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|--------|-----------|------------|---------------|--|
| SampID: 24020001-052CMS |      |              |      |            |       |             |        |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC   | Low Limit | High Limit | Date Analyzed |  |
| Calcium                 |      | 0.100        | S    | 550        | 2.500 | 569.3       | -758.4 | 75        | 125        | 02/22/2024    |  |
| Magnesium               |      | 0.050        | S    | 411        | 2.500 | 424.0       | -532.9 | 75        | 125        | 02/22/2024    |  |
| Potassium               |      | 0.100        |      | 4.39       | 2.500 | 1.673       | 108.5  | 75        | 125        | 02/22/2024    |  |
| Sodium                  |      | 0.050        | S    | 232        | 2.500 | 236.7       | -198.8 | 75        | 125        | 02/22/2024    |  |

| Batch 219022             |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--|
| SampID: 24020001-052CMSD |      |               |      |            |       |             |       |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |
| Calcium                  |      | 0.100         | S    | 568        | 2.500 | 569.3       | -35.2 | 550.4       | 3.23 | 02/22/2024    |  |
| Magnesium                |      | 0.050         | S    | 429        | 2.500 | 424.0       | 203.9 | 410.6       | 4.39 | 02/22/2024    |  |
| Potassium                |      | 0.100         |      | 4.48       | 2.500 | 1.673       | 112.5 | 4.385       | 2.23 | 02/22/2024    |  |
| Sodium                   |      | 0.050         |      | 240        | 2.500 | 236.7       | 122.0 | 231.7       | 3.40 | 02/22/2024    |  |

| Batch 219022            |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24020001-079BMS |      |              |      |            |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Calcium                 |      | 0.100        | S    | 301        | 2.500 | 284.7       | 630.8 | 75        | 125        | 02/22/2024    |  |
| Magnesium               |      | 0.050        | S    | 201        | 2.500 | 189.3       | 454.5 | 75        | 125        | 02/22/2024    |  |
| Potassium               |      | 0.100        |      | 5.96       | 2.500 | 3.082       | 115.0 | 75        | 125        | 02/22/2024    |  |
| Sodium                  |      | 0.050        | S    | 90.0       | 2.500 | 82.97       | 281.6 | 75        | 125        | 02/22/2024    |  |

| Batch 219022             |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--|
| SampID: 24020001-079BMSD |      |               |      |            |       |             |       |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |
| Calcium                  |      | 0.100         | S    | 302        | 2.500 | 284.7       | 696.0 | 300.5       | 0.54 | 02/22/2024    |  |
| Magnesium                |      | 0.050         | S    | 202        | 2.500 | 189.3       | 519.7 | 200.6       | 0.81 | 02/22/2024    |  |
| Potassium                |      | 0.100         |      | 5.88       | 2.500 | 3.082       | 111.8 | 5.955       | 1.33 | 02/22/2024    |  |
| Sodium                   |      | 0.050         | S    | 89.1       | 2.500 | 82.97       | 245.6 | 90.01       | 1.00 | 02/22/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219043        |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK-219043 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Calcium             |      | 0.100          |      | < 0.100    | 0.0350 | 0           | 0    | -100      | 100        | 02/23/2024    |               |
| Magnesium           |      | 0.0500         |      | < 0.0500   | 0.0055 | 0           | 0    | -100      | 100        | 02/23/2024    |               |
| Potassium           |      | 0.100          |      | < 0.100    | 0.0400 | 0           | 0    | -100      | 100        | 02/23/2024    |               |
| Sodium              |      | 0.0500         |      | < 0.0500   | 0.0180 | 0           | 0    | -100      | 100        | 02/23/2024    |               |

| Batch 219043       |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: LCS-219043 |      |               |      |            |       |             |       |           |            |               |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Calcium            |      | 0.100         |      | 2.49       | 2.500 | 0           | 99.5  | 85        | 115        | 02/23/2024    |               |
| Magnesium          |      | 0.0500        |      | 2.38       | 2.500 | 0           | 95.2  | 85        | 115        | 02/23/2024    |               |
| Potassium          |      | 0.100         |      | 2.62       | 2.500 | 0           | 104.6 | 85        | 115        | 02/23/2024    |               |
| Sodium             |      | 0.0500        |      | 2.49       | 2.500 | 0           | 99.4  | 85        | 115        | 02/23/2024    |               |

| Batch 219043            |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-097CMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Calcium                 |      | 0.100        |      | 2.55       | 2.500 | 0           | 102.1 | 75        | 125        | 02/23/2024    |               |
| Magnesium               |      | 0.050        |      | 2.48       | 2.500 | 0.01490     | 98.6  | 75        | 125        | 02/23/2024    |               |
| Potassium               |      | 0.100        |      | 2.64       | 2.500 | 0           | 105.6 | 75        | 125        | 02/23/2024    |               |
| Sodium                  |      | 0.050        |      | 2.53       | 2.500 | 0.02920     | 100.1 | 75        | 125        | 02/23/2024    |               |

| Batch 219043             |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 20 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-097CMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Calcium                  |      | 0.100         |      | 2.43       | 2.500 | 0           | 97.3  | 2.552       | 4.83 | 02/23/2024    |              |               |
| Magnesium                |      | 0.050         |      | 2.35       | 2.500 | 0.01490     | 93.5  | 2.480       | 5.27 | 02/23/2024    |              |               |
| Potassium                |      | 0.100         |      | 2.54       | 2.500 | 0           | 101.6 | 2.641       | 3.91 | 02/23/2024    |              |               |
| Sodium                   |      | 0.050         |      | 2.43       | 2.500 | 0.02920     | 95.9  | 2.532       | 4.23 | 02/23/2024    |              |               |

| Batch 219043            |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-099CMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Calcium                 |      | 0.100        | S    | 91.2       | 2.500 | 86.93       | 168.8 | 75        | 125        | 02/23/2024    |               |
| Magnesium               |      | 0.050        |      | 41.6       | 2.500 | 38.80       | 113.4 | 75        | 125        | 02/23/2024    |               |
| Potassium               |      | 0.100        |      | 3.40       | 2.500 | 0.7239      | 107.2 | 75        | 125        | 02/23/2024    |               |
| Sodium                  |      | 0.050        | S    | 59.5       | 2.500 | 56.20       | 131.6 | 75        | 125        | 02/23/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219043             |      | SampType: MSD |      | Units mg/L  |       |             |       | RPD Limit 20 |      |               |  |
|--------------------------|------|---------------|------|-------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24020001-099CMSD |      |               |      |             |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Calcium                  |      | 0.100         | S    | <b>88.4</b> | 2.500 | 86.93       | 60.8  | 91.15        | 3.01 | 02/23/2024    |  |
| Magnesium                |      | 0.050         | S    | <b>40.3</b> | 2.500 | 38.80       | 58.1  | 41.64        | 3.38 | 02/23/2024    |  |
| Potassium                |      | 0.100         |      | <b>3.29</b> | 2.500 | 0.7239      | 102.6 | 3.403        | 3.45 | 02/23/2024    |  |
| Sodium                   |      | 0.050         | S    | <b>58.0</b> | 2.500 | 56.20       | 71.6  | 59.49        | 2.55 | 02/23/2024    |  |

| Batch 219088        |      | SampType: MBLK |      | Units mg/L      |        |             |      |           |            |               |  |
|---------------------|------|----------------|------|-----------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK-219088 |      |                |      |                 |        |             |      |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result          | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Calcium             |      | 0.100          |      | < <b>0.100</b>  | 0.0350 | 0           | 0    | -100      | 100        | 02/23/2024    |  |
| Magnesium           |      | 0.0500         |      | < <b>0.0500</b> | 0.0055 | 0           | 0    | -100      | 100        | 02/23/2024    |  |
| Potassium           |      | 0.100          |      | < <b>0.100</b>  | 0.0400 | 0           | 0    | -100      | 100        | 02/23/2024    |  |
| Sodium              |      | 0.0500         |      | < <b>0.0500</b> | 0.0180 | 0           | 0    | -100      | 100        | 02/23/2024    |  |

| Batch 219088       |      | SampType: LCS |      | Units mg/L  |       |             |       |           |            |               |  |
|--------------------|------|---------------|------|-------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS-219088 |      |               |      |             |       |             |       |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Calcium            |      | 0.100         |      | <b>2.47</b> | 2.500 | 0           | 98.8  | 85        | 115        | 02/23/2024    |  |
| Magnesium          |      | 0.0500        |      | <b>2.38</b> | 2.500 | 0           | 95.2  | 85        | 115        | 02/23/2024    |  |
| Potassium          |      | 0.100         |      | <b>2.61</b> | 2.500 | 0           | 104.3 | 85        | 115        | 02/23/2024    |  |
| Sodium             |      | 0.0500        |      | <b>2.48</b> | 2.500 | 0           | 99.1  | 85        | 115        | 02/23/2024    |  |

| Batch 219088            |      | SampType: MS |      | Units mg/L  |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|-------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24020001-103CMS |      |              |      |             |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Calcium                 |      | 0.100        |      | <b>2.81</b> | 2.500 | 0.1475      | 106.4 | 75        | 125        | 02/27/2024    |  |
| Magnesium               |      | 0.050        |      | <b>2.61</b> | 2.500 | 0.03610     | 102.9 | 75        | 125        | 02/27/2024    |  |
| Potassium               |      | 0.100        |      | <b>2.72</b> | 2.500 | 0           | 108.6 | 75        | 125        | 02/27/2024    |  |
| Sodium                  |      | 0.050        |      | <b>2.65</b> | 2.500 | 0.03790     | 104.5 | 75        | 125        | 02/27/2024    |  |

| Batch 219088             |      | SampType: MSD |      | Units mg/L  |       |             |       | RPD Limit 20 |      |               |  |
|--------------------------|------|---------------|------|-------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24020001-103CMSD |      |               |      |             |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Calcium                  |      | 0.100         |      | <b>2.75</b> | 2.500 | 0.1475      | 103.9 | 2.807        | 2.21 | 02/27/2024    |  |
| Magnesium                |      | 0.050         |      | <b>2.57</b> | 2.500 | 0.03610     | 101.4 | 2.608        | 1.39 | 02/27/2024    |  |
| Potassium                |      | 0.100         |      | <b>2.71</b> | 2.500 | 0           | 108.3 | 2.716        | 0.33 | 02/27/2024    |  |
| Sodium                   |      | 0.050         |      | <b>2.63</b> | 2.500 | 0.03790     | 103.7 | 2.650        | 0.68 | 02/27/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219088            |      | SampType: MS |      | Units mg/L  |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|-------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24021534-003CMS |      |              |      |             |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Calcium                 |      | 0.100        | S    | <b>103</b>  | 2.500 | 97.35       | 228.8 | 75        | 125        | 02/23/2024    |  |
| Magnesium               |      | 0.0500       |      | <b>20.6</b> | 2.500 | 17.98       | 105.7 | 75        | 125        | 02/23/2024    |  |
| Potassium               |      | 0.500        |      | <b>13.8</b> | 2.500 | 11.50       | 93.9  | 75        | 125        | 02/27/2024    |  |
| Sodium                  |      | 0.0500       | S    | <b>163</b>  | 2.500 | 156.6       | 264.4 | 75        | 125        | 02/23/2024    |  |

| Batch 219088             |      | SampType: MSD |      | Units mg/L  |       |             |       |             |      |               |  |
|--------------------------|------|---------------|------|-------------|-------|-------------|-------|-------------|------|---------------|--|
| SampID: 24021534-003CMSD |      |               |      |             |       |             |       |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |
| Calcium                  |      | 0.100         | S    | <b>103</b>  | 2.500 | 97.35       | 226.8 | 103.1       | 0.05 | 02/23/2024    |  |
| Magnesium                |      | 0.0500        |      | <b>20.7</b> | 2.500 | 17.98       | 109.2 | 20.62       | 0.43 | 02/23/2024    |  |
| Potassium                |      | 0.500         |      | <b>13.8</b> | 2.500 | 11.50       | 91.6  | 13.85       | 0.40 | 02/27/2024    |  |
| Sodium                   |      | 0.0500        | S    | <b>162</b>  | 2.500 | 156.6       | 213.6 | 163.2       | 0.78 | 02/23/2024    |  |

| Batch 219117        |      | SampType: MBLK |      | Units mg/L      |        |             |      |           |            |               |  |
|---------------------|------|----------------|------|-----------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK-219117 |      |                |      |                 |        |             |      |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result          | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Calcium             |      | 0.100          |      | < <b>0.100</b>  | 0.0350 | 0           | 0    | -100      | 100        | 02/26/2024    |  |
| Magnesium           |      | 0.0500         |      | < <b>0.0500</b> | 0.0055 | 0           | 0    | -100      | 100        | 02/26/2024    |  |
| Potassium           |      | 0.100          |      | < <b>0.100</b>  | 0.0400 | 0           | 0    | -100      | 100        | 02/26/2024    |  |
| Sodium              |      | 0.0500         |      | < <b>0.0500</b> | 0.0180 | 0           | 0    | -100      | 100        | 02/26/2024    |  |

| Batch 219117       |      | SampType: LCS |      | Units mg/L  |       |             |       |           |            |               |  |
|--------------------|------|---------------|------|-------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS-219117 |      |               |      |             |       |             |       |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Calcium            |      | 0.100         |      | <b>2.52</b> | 2.500 | 0           | 100.6 | 85        | 115        | 02/26/2024    |  |
| Magnesium          |      | 0.0500        |      | <b>2.40</b> | 2.500 | 0           | 95.9  | 85        | 115        | 02/26/2024    |  |
| Potassium          |      | 0.100         |      | <b>2.61</b> | 2.500 | 0           | 104.2 | 85        | 115        | 02/26/2024    |  |
| Sodium             |      | 0.0500        |      | <b>2.43</b> | 2.500 | 0           | 97.1  | 85        | 115        | 02/26/2024    |  |



## Quality Control Results

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

Client: Ramboll  
Client Project: COF-24Q1

Work Order: 24020001  
Report Date: 09-Apr-24

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

| Batch 219145        |      | SampType: MBLK |      | Units mg/L |        |             |      |           |            |               |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|
| SampID: MBLK-219145 |      |                |      |            |        |             |      |           |            |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Calcium             |      | 0.100          |      | < 0.100    | 0.0350 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Iron                |      | 0.0400         |      | < 0.0400   | 0.0200 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Magnesium           |      | 0.0500         |      | < 0.0500   | 0.0055 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Potassium           |      | 0.100          |      | < 0.100    | 0.0400 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Sodium              |      | 0.0500         |      | < 0.0500   | 0.0180 | 0           | 0    | -100      | 100        | 02/28/2024    |

| Batch 219145       |      | SampType: LCS |      | Units mg/L |       |             |       |           |            |               |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|
| SampID: LCS-219145 |      |               |      |            |       |             |       |           |            |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
| Calcium            |      | 0.100         |      | 2.54       | 2.500 | 0           | 101.6 | 85        | 115        | 02/28/2024    |
| Iron               |      | 0.0400        |      | 2.09       | 2.000 | 0           | 104.5 | 85        | 115        | 02/28/2024    |
| Magnesium          |      | 0.0500        |      | 2.45       | 2.500 | 0           | 98.1  | 85        | 115        | 02/28/2024    |
| Potassium          |      | 0.100         |      | 2.57       | 2.500 | 0           | 102.7 | 85        | 115        | 02/28/2024    |
| Sodium             |      | 0.0500        |      | 2.57       | 2.500 | 0           | 102.9 | 85        | 115        | 02/28/2024    |

| Batch 219145            |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|
| SampID: 24020001-083BMS |      |              |      |            |       |             |       |           |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
| Calcium                 |      | 0.500        |      | 28.0       | 2.500 | 25.70       | 92.0  | 75        | 125        | 02/29/2024    |
| Magnesium               |      | 0.050        |      | 2.34       | 2.500 | 0           | 93.5  | 75        | 125        | 02/28/2024    |
| Potassium               |      | 10.0         | S    | 270        | 2.500 | 265.0       | 190.4 | 75        | 125        | 02/29/2024    |
| Sodium                  |      | 5.00         | S    | 3920       | 2.500 | 3853        | 2760  | 75        | 125        | 02/29/2024    |

| Batch 219145             |      | SampType: MSD |      | Units mg/L |       |             |       |             |      |               | RPD Limit 20 |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|
| SampID: 24020001-083BMSD |      |               |      |            |       |             |       |             |      |               |              |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |
| Calcium                  |      | 0.500         |      | 28.0       | 2.500 | 25.70       | 90.0  | 28.00       | 0.18 | 02/29/2024    |              |
| Magnesium                |      | 0.050         |      | 2.38       | 2.500 | 0           | 95.2  | 2.337       | 1.82 | 02/28/2024    |              |
| Potassium                |      | 10.0          | S    | 269        | 2.500 | 265.0       | 171.6 | 269.8       | 0.17 | 02/29/2024    |              |
| Sodium                   |      | 5.00          | S    | 3910       | 2.500 | 3853        | 2400  | 3922        | 0.23 | 02/29/2024    |              |

| Batch 219145            |      | SampType: MS |      | Units mg/L |       |             |       |           |            |               |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|
| SampID: 24021616-002BMS |      |              |      |            |       |             |       |           |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
| Iron                    |      | 0.0400       |      | 2.55       | 2.000 | 0.4931      | 102.8 | 75        | 125        | 02/28/2024    |
| Sodium                  |      | 0.0500       | S    | 16.8       | 2.500 | 15.12       | 65.2  | 75        | 125        | 02/28/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219145             |      | SampType: MSD |      | Units mg/L  |       |             |       | RPD Limit 20 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|-------------|-------|-------------|-------|--------------|------|---------------|---------------|
| SampID: 24021616-002BMSD |      |               |      |             |       |             |       |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |               |
| Iron                     |      | 0.0400        |      | <b>2.62</b> | 2.000 | 0.4931      | 106.3 | 2.550        | 2.71 | 02/28/2024    |               |
| Sodium                   |      | 0.0500        | S    | <b>16.8</b> | 2.500 | 15.12       | 67.6  | 16.75        | 0.36 | 02/28/2024    |               |

| Batch 219339        |      | SampType: MBLK |      | Units mg/L      |        |             |      | RPD Limit 20 |            | Date Analyzed |
|---------------------|------|----------------|------|-----------------|--------|-------------|------|--------------|------------|---------------|
| SampID: MBLK-219339 |      |                |      |                 |        |             |      |              |            |               |
| Analyses            | Cert | RL             | Qual | Result          | Spike  | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |
| Calcium             |      | 0.100          |      | < <b>0.100</b>  | 0.0350 | 0           | 0    | -100         | 100        | 03/01/2024    |
| Magnesium           |      | 0.0500         |      | < <b>0.0500</b> | 0.0070 | 0           | 0    | -100         | 100        | 03/01/2024    |
| Potassium           |      | 0.100          |      | < <b>0.100</b>  | 0.0400 | 0           | 0    | -100         | 100        | 03/01/2024    |
| Sodium              |      | 0.0500         |      | < <b>0.0500</b> | 0.0180 | 0           | 0    | -100         | 100        | 03/01/2024    |

| Batch 219339       |      | SampType: LCS |      | Units mg/L  |       |             |       | RPD Limit 20 |            | Date Analyzed |
|--------------------|------|---------------|------|-------------|-------|-------------|-------|--------------|------------|---------------|
| SampID: LCS-219339 |      |               |      |             |       |             |       |              |            |               |
| Analyses           | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |
| Calcium            |      | 0.100         |      | <b>2.46</b> | 2.500 | 0           | 98.3  | 85           | 115        | 03/01/2024    |
| Magnesium          |      | 0.0500        |      | <b>2.39</b> | 2.500 | 0           | 95.6  | 85           | 115        | 03/01/2024    |
| Potassium          |      | 0.100         |      | <b>2.61</b> | 2.500 | 0           | 104.5 | 85           | 115        | 03/01/2024    |
| Sodium             |      | 0.0500        |      | <b>2.52</b> | 2.500 | 0           | 100.7 | 85           | 115        | 03/01/2024    |

| Batch 219339            |      | SampType: MS |      | Units mg/L  |       |             |       | RPD Limit 20 |            | Date Analyzed |
|-------------------------|------|--------------|------|-------------|-------|-------------|-------|--------------|------------|---------------|
| SampID: 24021482-005BMS |      |              |      |             |       |             |       |              |            |               |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |
| Calcium                 |      | 0.100        |      | <b>179</b>  | 2.500 | 176.5       | 107.6 | 75           | 125        | 03/01/2024    |
| Magnesium               |      | 0.050        |      | <b>55.4</b> | 2.500 | 53.19       | 86.6  | 75           | 125        | 03/01/2024    |
| Potassium               |      | 0.100        |      | <b>5.17</b> | 2.500 | 2.583       | 103.4 | 75           | 125        | 03/01/2024    |
| Sodium                  |      | 0.050        |      | <b>40.0</b> | 2.500 | 37.82       | 86.8  | 75           | 125        | 03/01/2024    |

| Batch 219339             |      | SampType: MSD |      | Units mg/L  |       |             |        | RPD Limit 20 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|-------------|-------|-------------|--------|--------------|------|---------------|---------------|
| SampID: 24021482-005BMSD |      |               |      |             |       |             |        |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC   | RPD Ref Val  | %RPD | Date Analyzed |               |
| Calcium                  |      | 0.100         | S    | <b>174</b>  | 2.500 | 176.5       | -100.8 | 179.2        | 2.95 | 03/01/2024    |               |
| Magnesium                |      | 0.050         | S    | <b>54.1</b> | 2.500 | 53.19       | 35.8   | 55.36        | 2.32 | 03/01/2024    |               |
| Potassium                |      | 0.100         |      | <b>5.05</b> | 2.500 | 2.583       | 98.6   | 5.167        | 2.33 | 03/01/2024    |               |
| Sodium                   |      | 0.050         | S    | <b>38.9</b> | 2.500 | 37.82       | 43.2   | 39.99        | 2.76 | 03/01/2024    |               |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218757 SampType: MBLK Units µg/L

SampleID: MBLK-218757

| Analyses   | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0    | -100      | 100        | 02/20/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0    | -100      | 100        | 02/20/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0    | -100      | 100        | 02/19/2024    |
| Cadmium    |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.3000 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Iron       |      | 25.0 |      | < 25.0 | 11.50  | 0           | 0    | -100      | 100        | 02/17/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/20/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Nickel     |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0    | -100      | 100        | 02/20/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1000 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0    | -100      | 100        | 02/17/2024    |
| Zinc       |      | 15.0 |      | < 15.0 | 5.900  | 0           | 0    | -100      | 100        | 02/19/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 218757       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |            | Date |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|------------|------|
| SampID: LCS-218757 |      |               |      |            |       |             |      |           |            |            |      |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Analyzed   |      |
| Aluminum           |      | 25.0          |      | 1810       | 2000  | 0           | 90.6 | 80        | 120        | 02/21/2024 |      |
| Antimony           |      | 1.0           |      | 449        | 500.0 | 0           | 89.8 | 80        | 120        | 02/17/2024 |      |
| Arsenic            |      | 1.0           |      | 474        | 500.0 | 0           | 94.8 | 80        | 120        | 02/17/2024 |      |
| Barium             |      | 1.0           |      | 1970       | 2000  | 0           | 98.5 | 80        | 120        | 02/21/2024 |      |
| Beryllium          |      | 1.0           |      | 46.5       | 50.00 | 0           | 93.1 | 80        | 120        | 02/17/2024 |      |
| Boron              |      | 25.0          |      | 470        | 500.0 | 0           | 94.0 | 80        | 120        | 02/19/2024 |      |
| Cadmium            |      | 1.0           |      | 44.5       | 50.00 | 0           | 89.0 | 80        | 120        | 02/17/2024 |      |
| Chromium           |      | 1.5           |      | 186        | 200.0 | 0           | 92.9 | 80        | 120        | 02/19/2024 |      |
| Cobalt             |      | 1.0           |      | 445        | 500.0 | 0           | 88.9 | 80        | 120        | 02/17/2024 |      |
| Copper             |      | 1.0           |      | 229        | 250.0 | 0           | 91.7 | 80        | 120        | 02/19/2024 |      |
| Iron               |      | 25.0          |      | 1870       | 2000  | 0           | 93.7 | 80        | 120        | 02/19/2024 |      |
| Lead               |      | 1.0           |      | 473        | 500.0 | 0           | 94.6 | 80        | 120        | 02/20/2024 |      |
| Manganese          |      | 2.0           |      | 486        | 500.0 | 0           | 97.2 | 80        | 120        | 02/19/2024 |      |
| Molybdenum         |      | 1.5           |      | 454        | 500.0 | 0           | 90.7 | 80        | 120        | 02/19/2024 |      |
| Nickel             |      | 1.0           |      | 499        | 500.0 | 0           | 99.8 | 80        | 120        | 02/21/2024 |      |
| Selenium           |      | 1.0           |      | 445        | 500.0 | 0           | 89.1 | 80        | 120        | 02/17/2024 |      |
| Silver             |      | 1.0           |      | 44.9       | 50.00 | 0           | 89.8 | 80        | 120        | 02/17/2024 |      |
| Thallium           |      | 2.0           |      | 231        | 250.0 | 0           | 92.3 | 80        | 120        | 02/17/2024 |      |
| Vanadium           |      | 5.0           |      | 466        | 500.0 | 0           | 93.2 | 80        | 120        | 02/19/2024 |      |
| Zinc               |      | 15.0          |      | 499        | 500.0 | 0           | 99.8 | 80        | 120        | 02/21/2024 |      |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218758 SampType: MBLK Units µg/L

SampleID: MBLK-218758

| Analyses   | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0    | -100      | 100        | 02/20/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0    | -100      | 100        | 02/20/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0    | -100      | 100        | 02/19/2024    |
| Cadmium    |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.3000 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Iron       |      | 25.0 |      | < 25.0 | 11.50  | 0           | 0    | -100      | 100        | 02/17/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/20/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Nickel     |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0    | -100      | 100        | 02/21/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1000 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0    | -100      | 100        | 02/17/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0    | -100      | 100        | 02/17/2024    |
| Zinc       |      | 15.0 |      | < 15.0 | 5.900  | 0           | 0    | -100      | 100        | 02/19/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218758 SampType: LCS Units µg/L

SampleID: LCS-218758

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | 2060   | 2000  | 0           | 103.2 | 80        | 120        | 02/21/2024    |
| Antimony   |      | 1.0  |      | 451    | 500.0 | 0           | 90.1  | 80        | 120        | 02/17/2024    |
| Arsenic    |      | 1.0  |      | 485    | 500.0 | 0           | 96.9  | 80        | 120        | 02/17/2024    |
| Barium     |      | 1.0  |      | 1990   | 2000  | 0           | 99.5  | 80        | 120        | 02/21/2024    |
| Beryllium  |      | 1.0  |      | 48.1   | 50.00 | 0           | 96.1  | 80        | 120        | 02/17/2024    |
| Boron      |      | 25.0 |      | 484    | 500.0 | 0           | 96.8  | 80        | 120        | 02/19/2024    |
| Cadmium    |      | 1.0  |      | 45.3   | 50.00 | 0           | 90.6  | 80        | 120        | 02/17/2024    |
| Chromium   |      | 1.5  |      | 187    | 200.0 | 0           | 93.5  | 80        | 120        | 02/19/2024    |
| Cobalt     |      | 1.0  |      | 449    | 500.0 | 0           | 89.7  | 80        | 120        | 02/17/2024    |
| Copper     |      | 1.0  |      | 234    | 250.0 | 0           | 93.4  | 80        | 120        | 02/19/2024    |
| Iron       |      | 25.0 |      | 1870   | 2000  | 0           | 93.7  | 80        | 120        | 02/19/2024    |
| Lead       |      | 1.0  |      | 482    | 500.0 | 0           | 96.3  | 80        | 120        | 02/20/2024    |
| Manganese  |      | 2.0  |      | 493    | 500.0 | 0           | 98.6  | 80        | 120        | 02/19/2024    |
| Molybdenum |      | 1.5  |      | 427    | 500.0 | 0           | 85.5  | 80        | 120        | 02/19/2024    |
| Nickel     |      | 1.0  |      | 500    | 500.0 | 0           | 100.0 | 80        | 120        | 02/21/2024    |
| Selenium   |      | 1.0  |      | 444    | 500.0 | 0           | 88.8  | 80        | 120        | 02/17/2024    |
| Silver     |      | 1.0  |      | 42.9   | 50.00 | 0           | 85.7  | 80        | 120        | 02/17/2024    |
| Thallium   |      | 2.0  |      | 241    | 250.0 | 0           | 96.3  | 80        | 120        | 02/17/2024    |
| Vanadium   |      | 5.0  |      | 463    | 500.0 | 0           | 92.6  | 80        | 120        | 02/19/2024    |
| Zinc       |      | 15.0 |      | 489    | 500.0 | 0           | 97.8  | 80        | 120        | 02/21/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 218795        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|
| SampID: MBLK-218795 |      |                |      |            |        |             |      |           |            |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Aluminum            |      | 25.0           |      | < 25.0     | 12.50  | 0           | 0    | -100      | 100        | 02/28/2024    |
| Antimony            |      | 1.0            |      | < 1.0      | 0.4500 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Arsenic             |      | 1.0            |      | < 1.0      | 0.3750 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Barium              |      | 1.0            |      | < 1.0      | 0.7000 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Beryllium           |      | 1.0            |      | < 1.0      | 0.2500 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Boron               |      | 25.0           |      | < 25.0     | 9.250  | 0           | 0    | -100      | 100        | 02/28/2024    |
| Cadmium             |      | 1.0            |      | < 1.0      | 0.1340 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Chromium            |      | 1.5            |      | < 1.5      | 0.7000 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Cobalt              |      | 1.0            |      | < 1.0      | 0.1150 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Copper              |      | 1.0            |      | < 1.0      | 0.3000 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Iron                |      | 25.0           |      | < 25.0     | 11.50  | 0           | 0    | -100      | 100        | 02/28/2024    |
| Lead                |      | 1.0            |      | < 1.0      | 0.6000 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Manganese           |      | 2.0            |      | < 2.0      | 0.7500 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Molybdenum          |      | 1.5            |      | < 1.5      | 0.6000 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Nickel              |      | 1.0            |      | < 1.0      | 0.4300 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Selenium            |      | 1.0            |      | < 1.0      | 0.6000 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Silver              |      | 1.0            |      | < 1.0      | 0.1000 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Thallium            |      | 2.0            |      | < 2.0      | 0.9500 | 0           | 0    | -100      | 100        | 02/28/2024    |
| Vanadium            |      | 5.0            |      | < 5.0      | 5.000  | 0           | 0    | -100      | 100        | 02/28/2024    |
| Zinc                |      | 15.0           |      | < 15.0     | 5.900  | 0           | 0    | -100      | 100        | 02/28/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218795 SampType: LCS Units µg/L

SampleID: LCS-218795

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | 1680   | 2000  | 0           | 84.2 | 80        | 120        | 02/28/2024    |
| Antimony   |      | 1.0  |      | 418    | 500.0 | 0           | 83.6 | 80        | 120        | 02/28/2024    |
| Arsenic    |      | 1.0  |      | 487    | 500.0 | 0           | 97.4 | 80        | 120        | 02/28/2024    |
| Barium     |      | 1.0  |      | 1970   | 2000  | 0           | 98.5 | 80        | 120        | 02/28/2024    |
| Beryllium  |      | 1.0  |      | 46.0   | 50.00 | 0           | 92.1 | 80        | 120        | 02/28/2024    |
| Boron      |      | 25.0 |      | 447    | 500.0 | 0           | 89.4 | 80        | 120        | 02/28/2024    |
| Cadmium    |      | 1.0  |      | 45.4   | 50.00 | 0           | 90.8 | 80        | 120        | 02/28/2024    |
| Chromium   |      | 1.5  |      | 179    | 200.0 | 0           | 89.3 | 80        | 120        | 02/28/2024    |
| Cobalt     |      | 1.0  |      | 470    | 500.0 | 0           | 94.0 | 80        | 120        | 02/28/2024    |
| Copper     |      | 1.0  |      | 239    | 250.0 | 0           | 95.6 | 80        | 120        | 02/28/2024    |
| Iron       |      | 25.0 |      | 1780   | 2000  | 0           | 89.1 | 80        | 120        | 02/28/2024    |
| Lead       |      | 1.0  |      | 453    | 500.0 | 0           | 90.6 | 80        | 120        | 02/28/2024    |
| Manganese  |      | 2.0  |      | 464    | 500.0 | 0           | 92.8 | 80        | 120        | 02/28/2024    |
| Molybdenum |      | 1.5  |      | 439    | 500.0 | 0           | 87.7 | 80        | 120        | 02/28/2024    |
| Nickel     |      | 1.0  |      | 462    | 500.0 | 0           | 92.5 | 80        | 120        | 02/28/2024    |
| Selenium   |      | 1.0  |      | 472    | 500.0 | 0           | 94.4 | 80        | 120        | 02/28/2024    |
| Silver     |      | 1.0  |      | 45.4   | 50.00 | 0           | 90.7 | 80        | 120        | 02/28/2024    |
| Thallium   |      | 2.0  |      | 217    | 250.0 | 0           | 86.9 | 80        | 120        | 02/28/2024    |
| Vanadium   |      | 5.0  |      | 452    | 500.0 | 0           | 90.4 | 80        | 120        | 02/28/2024    |
| Zinc       |      | 15.0 |      | 431    | 500.0 | 0           | 86.2 | 80        | 120        | 02/28/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218861 SampType: MBLK Units µg/L

SampID: MBLK-218861

| Analyses   | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0    | -100      | 100        | 02/22/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.3000 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Iron       |      | 25.0 |      | < 25.0 | 11.50  | 0           | 0    | -100      | 100        | 02/22/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Nickel     |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1000 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1000 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0    | -100      | 100        | 02/22/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0    | -100      | 100        | 02/22/2024    |
| Zinc       |      | 15.0 |      | < 15.0 | 5.900  | 0           | 0    | -100      | 100        | 02/22/2024    |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218861 SampType: LCS Units µg/L

SampID: LCS-218861

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | 1770   | 2000  | 0           | 88.4  | 80        | 120        | 02/23/2024    |
| Antimony   |      | 1.0  |      | 467    | 500.0 | 0           | 93.4  | 80        | 120        | 02/22/2024    |
| Arsenic    |      | 1.0  |      | 503    | 500.0 | 0           | 100.7 | 80        | 120        | 02/22/2024    |
| Barium     |      | 1.0  |      | 1940   | 2000  | 0           | 96.9  | 80        | 120        | 02/22/2024    |
| Beryllium  |      | 1.0  |      | 47.3   | 50.00 | 0           | 94.6  | 80        | 120        | 02/22/2024    |
| Boron      |      | 25.0 |      | 485    | 500.0 | 0           | 97.0  | 80        | 120        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | 48.1   | 50.00 | 0           | 96.3  | 80        | 120        | 02/22/2024    |
| Chromium   |      | 1.5  |      | 183    | 200.0 | 0           | 91.5  | 80        | 120        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | 469    | 500.0 | 0           | 93.7  | 80        | 120        | 02/22/2024    |
| Copper     |      | 1.0  |      | 247    | 250.0 | 0           | 98.7  | 80        | 120        | 02/22/2024    |
| Iron       |      | 25.0 |      | 1810   | 2000  | 0           | 90.3  | 80        | 120        | 02/22/2024    |
| Lead       |      | 1.0  |      | 472    | 500.0 | 0           | 94.3  | 80        | 120        | 02/22/2024    |
| Manganese  |      | 2.0  |      | 474    | 500.0 | 0           | 94.8  | 80        | 120        | 02/22/2024    |
| Molybdenum |      | 1.5  |      | 445    | 500.0 | 0           | 89.0  | 80        | 120        | 02/22/2024    |
| Nickel     |      | 1.0  |      | 467    | 500.0 | 0           | 93.3  | 80        | 120        | 02/23/2024    |
| Selenium   |      | 1.0  |      | 470    | 500.0 | 0           | 94.0  | 80        | 120        | 02/23/2024    |
| Selenium   |      | 1.0  |      | 500    | 500.0 | 0           | 100.0 | 80        | 120        | 02/22/2024    |
| Silver     |      | 1.0  |      | 49.6   | 50.00 | 0           | 99.2  | 80        | 120        | 02/22/2024    |
| Silver     |      | 1.0  |      | 48.2   | 50.00 | 0           | 96.5  | 80        | 120        | 02/22/2024    |
| Thallium   |      | 2.0  |      | 235    | 250.0 | 0           | 93.8  | 80        | 120        | 02/22/2024    |
| Vanadium   |      | 5.0  |      | 470    | 500.0 | 0           | 93.9  | 80        | 120        | 02/22/2024    |
| Zinc       |      | 15.0 |      | 491    | 500.0 | 0           | 98.3  | 80        | 120        | 02/22/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218861 SampType: MS

Units µg/L

SampID: 24020001-026CMS

| Analyses  | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|-----------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Antimony  |      | 1.0  |      | 505    | 500.0 | 0           | 101.0 | 75        | 125        | 02/23/2024    |
| Arsenic   |      | 1.0  |      | 518    | 500.0 | 0           | 103.6 | 75        | 125        | 02/23/2024    |
| Barium    |      | 1.0  |      | 2120   | 2000  | 40.76       | 104.1 | 75        | 125        | 02/23/2024    |
| Beryllium |      | 1.0  |      | 48.5   | 50.00 | 0           | 97.1  | 75        | 125        | 02/23/2024    |
| Boron     |      | 25.0 |      | 505    | 500.0 | 47.07       | 91.6  | 75        | 125        | 02/23/2024    |
| Cadmium   |      | 1.0  |      | 47.8   | 50.00 | 0           | 95.5  | 75        | 125        | 02/23/2024    |
| Chromium  |      | 1.5  |      | 186    | 200.0 | 1.218       | 92.6  | 75        | 125        | 02/23/2024    |
| Cobalt    |      | 1.0  |      | 454    | 500.0 | 0.1801      | 90.8  | 75        | 125        | 02/23/2024    |
| Copper    |      | 1.0  |      | 234    | 250.0 | 3.274       | 92.2  | 75        | 125        | 02/23/2024    |
| Iron      |      | 25.0 |      | 1870   | 2000  | 22.86       | 92.4  | 75        | 125        | 02/23/2024    |
| Lead      |      | 1.0  |      | 469    | 500.0 | 0           | 93.8  | 75        | 125        | 02/23/2024    |
| Manganese |      | 2.0  |      | 505    | 500.0 | 29.15       | 95.1  | 75        | 125        | 02/23/2024    |
| Nickel    |      | 1.0  |      | 449    | 500.0 | 3.040       | 89.1  | 75        | 125        | 02/23/2024    |
| Selenium  |      | 1.0  |      | 498    | 500.0 | 1.632       | 99.2  | 75        | 125        | 02/23/2024    |
| Silver    |      | 1.0  |      | 47.3   | 50.00 | 0           | 94.7  | 75        | 125        | 02/23/2024    |
| Thallium  |      | 2.0  |      | 220    | 250.0 | 0           | 88.1  | 75        | 125        | 02/23/2024    |
| Vanadium  |      | 5.0  |      | 475    | 500.0 | 0           | 95.1  | 75        | 125        | 02/23/2024    |
| Zinc      |      | 15.0 |      | 468    | 500.0 | 7.134       | 92.2  | 75        | 125        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                    | SampType | MSD  |      | Units µg/L |       |             |       | RPD Limit   |      | 20         | Date |
|--------------------------|----------|------|------|------------|-------|-------------|-------|-------------|------|------------|------|
| SampID: 24020001-026CMSD |          |      |      |            |       |             |       |             |      |            |      |
| Analyses                 | Cert     | RL   | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Analyzed   |      |
| Antimony                 |          | 1.0  |      | 514        | 500.0 | 0           | 102.8 | 504.8       | 1.81 | 02/23/2024 |      |
| Arsenic                  |          | 1.0  |      | 523        | 500.0 | 0           | 104.6 | 518.0       | 0.97 | 02/23/2024 |      |
| Barium                   |          | 1.0  |      | 2130       | 2000  | 40.76       | 104.5 | 2123        | 0.36 | 02/23/2024 |      |
| Beryllium                |          | 1.0  |      | 47.6       | 50.00 | 0           | 95.1  | 48.54       | 2.04 | 02/23/2024 |      |
| Boron                    |          | 25.0 |      | 500        | 500.0 | 47.07       | 90.5  | 505.1       | 1.11 | 02/23/2024 |      |
| Cadmium                  |          | 1.0  |      | 49.1       | 50.00 | 0           | 98.2  | 47.76       | 2.78 | 02/23/2024 |      |
| Chromium                 |          | 1.5  |      | 183        | 200.0 | 1.218       | 90.7  | 186.5       | 2.10 | 02/23/2024 |      |
| Cobalt                   |          | 1.0  |      | 465        | 500.0 | 0.1801      | 93.0  | 454.3       | 2.39 | 02/23/2024 |      |
| Copper                   |          | 1.0  |      | 231        | 250.0 | 3.274       | 90.9  | 233.7       | 1.31 | 02/23/2024 |      |
| Iron                     |          | 25.0 |      | 1870       | 2000  | 22.86       | 92.2  | 1870        | 0.19 | 02/23/2024 |      |
| Lead                     |          | 1.0  |      | 475        | 500.0 | 0           | 95.1  | 468.8       | 1.41 | 02/23/2024 |      |
| Manganese                |          | 2.0  |      | 492        | 500.0 | 29.15       | 92.5  | 504.9       | 2.67 | 02/23/2024 |      |
| Nickel                   |          | 1.0  |      | 447        | 500.0 | 3.040       | 88.7  | 448.6       | 0.41 | 02/23/2024 |      |
| Selenium                 |          | 1.0  |      | 495        | 500.0 | 1.632       | 98.8  | 497.7       | 0.46 | 02/23/2024 |      |
| Silver                   |          | 1.0  |      | 48.2       | 50.00 | 0           | 96.4  | 47.34       | 1.81 | 02/23/2024 |      |
| Thallium                 |          | 2.0  |      | 224        | 250.0 | 0           | 89.5  | 220.3       | 1.56 | 02/23/2024 |      |
| Vanadium                 |          | 5.0  |      | 466        | 500.0 | 0           | 93.3  | 475.4       | 1.91 | 02/23/2024 |      |
| Zinc                     |          | 15.0 |      | 476        | 500.0 | 7.134       | 93.8  | 468.0       | 1.78 | 02/23/2024 |      |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218861 SampType: MS

Units µg/L

SampleID: 24020001-086DMS

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | 1790   | 2000  | 0           | 89.7  | 75        | 125        | 02/23/2024    |
| Antimony   |      | 1.0  |      | 485    | 500.0 | 0           | 97.0  | 75        | 125        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | 500    | 500.0 | 0           | 100.0 | 75        | 125        | 02/23/2024    |
| Barium     |      | 1.0  |      | 1970   | 2000  | 52.18       | 96.0  | 75        | 125        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | 46.7   | 50.00 | 0           | 93.4  | 75        | 125        | 02/23/2024    |
| Boron      |      | 25.0 |      | 464    | 500.0 | 10.79       | 90.7  | 75        | 125        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | 46.4   | 50.00 | 0           | 92.9  | 75        | 125        | 02/23/2024    |
| Chromium   |      | 1.5  |      | 205    | 200.0 | 1.709       | 101.7 | 75        | 125        | 02/26/2024    |
| Cobalt     |      | 1.0  |      | 437    | 500.0 | 0           | 87.3  | 75        | 125        | 02/23/2024    |
| Copper     |      | 1.0  |      | 226    | 250.0 | 0.5883      | 90.3  | 75        | 125        | 02/23/2024    |
| Iron       |      | 25.0 |      | 2190   | 2000  | 19.44       | 108.4 | 75        | 125        | 02/26/2024    |
| Lead       |      | 1.0  |      | 453    | 500.0 | 0           | 90.5  | 75        | 125        | 02/23/2024    |
| Manganese  |      | 2.0  |      | 465    | 500.0 | 0           | 93.1  | 75        | 125        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | 505    | 500.0 | 2.344       | 100.6 | 75        | 125        | 02/26/2024    |
| Nickel     |      | 1.0  |      | 447    | 500.0 | 0.6930      | 89.4  | 75        | 125        | 02/23/2024    |
| Selenium   |      | 1.0  |      | 483    | 500.0 | 3.791       | 95.7  | 75        | 125        | 02/23/2024    |
| Silver     |      | 1.0  |      | 47.0   | 50.00 | 0           | 94.0  | 75        | 125        | 02/23/2024    |
| Thallium   |      | 2.0  |      | 216    | 250.0 | 0           | 86.3  | 75        | 125        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | 455    | 500.0 | 0           | 90.9  | 75        | 125        | 02/23/2024    |
| Zinc       |      | 15.0 |      | 477    | 500.0 | 0           | 95.5  | 75        | 125        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                    | SampType | MSD  |      | Units µg/L |       |             |       | RPD Limit   |       | 20         | Date |
|--------------------------|----------|------|------|------------|-------|-------------|-------|-------------|-------|------------|------|
| SampID: 24020001-086DMSD |          |      |      |            |       |             |       |             |       |            |      |
| Analyses                 | Cert     | RL   | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD  | Analyzed   |      |
| Aluminum                 |          | 25.0 |      | 1990       | 2000  | 0           | 99.3  | 1793        | 10.24 | 02/23/2024 |      |
| Antimony                 |          | 1.0  |      | 498        | 500.0 | 0           | 99.6  | 484.9       | 2.64  | 02/23/2024 |      |
| Arsenic                  |          | 1.0  |      | 529        | 500.0 | 0           | 105.9 | 500.2       | 5.68  | 02/23/2024 |      |
| Barium                   |          | 1.0  |      | 2020       | 2000  | 52.18       | 98.5  | 1972        | 2.50  | 02/23/2024 |      |
| Beryllium                |          | 1.0  |      | 48.8       | 50.00 | 0           | 97.7  | 46.68       | 4.53  | 02/23/2024 |      |
| Boron                    |          | 25.0 |      | 488        | 500.0 | 10.79       | 95.4  | 464.2       | 4.98  | 02/23/2024 |      |
| Cadmium                  |          | 1.0  |      | 48.0       | 50.00 | 0           | 95.9  | 46.43       | 3.23  | 02/23/2024 |      |
| Chromium                 |          | 1.5  |      | 206        | 200.0 | 1.709       | 102.0 | 205.0       | 0.34  | 02/26/2024 |      |
| Cobalt                   |          | 1.0  |      | 466        | 500.0 | 0           | 93.1  | 436.6       | 6.46  | 02/23/2024 |      |
| Copper                   |          | 1.0  |      | 237        | 250.0 | 0.5883      | 94.4  | 226.2       | 4.45  | 02/23/2024 |      |
| Iron                     |          | 25.0 |      | 2080       | 2000  | 19.44       | 103.0 | 2188        | 5.03  | 02/26/2024 |      |
| Lead                     |          | 1.0  |      | 489        | 500.0 | 0           | 97.9  | 452.6       | 7.81  | 02/23/2024 |      |
| Manganese                |          | 2.0  |      | 484        | 500.0 | 0           | 96.7  | 465.4       | 3.84  | 02/23/2024 |      |
| Molybdenum               |          | 1.5  |      | 522        | 500.0 | 2.344       | 103.9 | 505.1       | 3.21  | 02/26/2024 |      |
| Nickel                   |          | 1.0  |      | 463        | 500.0 | 0.6930      | 92.4  | 447.5       | 3.37  | 02/23/2024 |      |
| Selenium                 |          | 1.0  |      | 509        | 500.0 | 3.791       | 101.0 | 482.5       | 5.31  | 02/23/2024 |      |
| Silver                   |          | 1.0  |      | 47.6       | 50.00 | 0           | 95.1  | 47.00       | 1.17  | 02/23/2024 |      |
| Thallium                 |          | 2.0  |      | 220        | 250.0 | 0           | 88.1  | 215.8       | 2.02  | 02/23/2024 |      |
| Vanadium                 |          | 5.0  |      | 471        | 500.0 | 0           | 94.2  | 454.7       | 3.57  | 02/23/2024 |      |
| Zinc                     |          | 15.0 |      | 490        | 500.0 | 0           | 98.0  | 477.5       | 2.61  | 02/23/2024 |      |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218862 SampType: MBLK Units µg/L

SampleID: MBLK-218862

| Analyses   | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.3000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Iron       |      | 25.0 |      | < 25.0 | 11.50  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Nickel     |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Zinc       |      | 15.0 |      | < 15.0 | 5.900  | 0           | 0    | -100      | 100        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218862 SampType: LCS Units µg/L

SampleID: LCS-218862

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>1620</b> | 2000  | 0           | 81.0  | 80        | 120        | 02/23/2024    |
| Antimony   |      | 1.0  |      | <b>478</b>  | 500.0 | 0           | 95.5  | 80        | 120        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | <b>504</b>  | 500.0 | 0           | 100.8 | 80        | 120        | 02/23/2024    |
| Barium     |      | 1.0  |      | <b>2060</b> | 2000  | 0           | 103.2 | 80        | 120        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | <b>48.8</b> | 50.00 | 0           | 97.7  | 80        | 120        | 02/23/2024    |
| Boron      |      | 25.0 |      | <b>454</b>  | 500.0 | 0           | 90.8  | 80        | 120        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | <b>47.9</b> | 50.00 | 0           | 95.9  | 80        | 120        | 02/23/2024    |
| Chromium   |      | 1.5  |      | <b>195</b>  | 200.0 | 0           | 97.7  | 80        | 120        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | <b>475</b>  | 500.0 | 0           | 95.1  | 80        | 120        | 02/23/2024    |
| Copper     |      | 1.0  |      | <b>227</b>  | 250.0 | 0           | 91.0  | 80        | 120        | 02/23/2024    |
| Iron       |      | 25.0 |      | <b>2100</b> | 2000  | 0           | 105.0 | 80        | 120        | 02/26/2024    |
| Lead       |      | 1.0  |      | <b>466</b>  | 500.0 | 0           | 93.1  | 80        | 120        | 02/23/2024    |
| Manganese  |      | 2.0  |      | <b>485</b>  | 500.0 | 0           | 97.0  | 80        | 120        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | <b>440</b>  | 500.0 | 0           | 88.0  | 80        | 120        | 02/23/2024    |
| Nickel     |      | 1.0  |      | <b>453</b>  | 500.0 | 0           | 90.6  | 80        | 120        | 02/23/2024    |
| Selenium   |      | 1.0  |      | <b>490</b>  | 500.0 | 0           | 97.9  | 80        | 120        | 02/23/2024    |
| Silver     |      | 1.0  |      | <b>49.0</b> | 50.00 | 0           | 98.0  | 80        | 120        | 02/23/2024    |
| Thallium   |      | 2.0  |      | <b>253</b>  | 250.0 | 0           | 101.3 | 80        | 120        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | <b>477</b>  | 500.0 | 0           | 95.3  | 80        | 120        | 02/23/2024    |
| Zinc       |      | 15.0 |      | <b>480</b>  | 500.0 | 0           | 96.0  | 80        | 120        | 02/23/2024    |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218862 SampType: MS

Units µg/L

SampleID: 24020001-098DMS

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | 1910   | 2000  | 0           | 95.5  | 75        | 125        | 02/23/2024    |
| Antimony   |      | 1.0  |      | 491    | 500.0 | 0           | 98.2  | 75        | 125        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | 490    | 500.0 | 0.4049      | 97.9  | 75        | 125        | 02/23/2024    |
| Barium     |      | 1.0  |      | 1960   | 2000  | 54.28       | 95.4  | 75        | 125        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | 46.6   | 50.00 | 0           | 93.2  | 75        | 125        | 02/23/2024    |
| Boron      |      | 25.0 |      | 457    | 500.0 | 11.79       | 89.0  | 75        | 125        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | 47.4   | 50.00 | 0           | 94.7  | 75        | 125        | 02/23/2024    |
| Chromium   |      | 1.5  |      | 177    | 200.0 | 1.051       | 87.9  | 75        | 125        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | 433    | 500.0 | 0           | 86.6  | 75        | 125        | 02/23/2024    |
| Copper     |      | 1.0  |      | 219    | 250.0 | 0.8649      | 87.4  | 75        | 125        | 02/23/2024    |
| Iron       |      | 25.0 |      | 2110   | 2000  | 74.24       | 101.8 | 75        | 125        | 02/26/2024    |
| Iron       |      | 25.0 |      | 1840   | 2000  | 40.10       | 89.8  | 75        | 125        | 02/23/2024    |
| Lead       |      | 1.0  |      | 447    | 500.0 | 0           | 89.4  | 75        | 125        | 02/23/2024    |
| Manganese  |      | 2.0  |      | 458    | 500.0 | 1.751       | 91.2  | 75        | 125        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | 434    | 500.0 | 0           | 86.9  | 75        | 125        | 02/23/2024    |
| Selenium   |      | 1.0  |      | 475    | 500.0 | 2.766       | 94.4  | 75        | 125        | 02/23/2024    |
| Silver     |      | 1.0  |      | 45.2   | 50.00 | 0           | 90.4  | 75        | 125        | 02/23/2024    |
| Thallium   |      | 2.0  |      | 202    | 250.0 | 0           | 80.7  | 75        | 125        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | 447    | 500.0 | 0           | 89.4  | 75        | 125        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                      | SampType: | MSD  | Units µg/L |        |       |             |       |             |      | RPD Limit     | 20 |
|----------------------------|-----------|------|------------|--------|-------|-------------|-------|-------------|------|---------------|----|
| SampleID: 24020001-098DMSD |           |      |            |        |       |             |       |             |      |               |    |
| Analyses                   | Cert      | RL   | Qual       | Result | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |    |
| Aluminum                   |           | 25.0 |            | 1850   | 2000  | 0           | 92.6  | 1910        | 3.06 | 02/23/2024    |    |
| Antimony                   |           | 1.0  |            | 490    | 500.0 | 0           | 98.1  | 491.0       | 0.12 | 02/23/2024    |    |
| Arsenic                    |           | 1.0  |            | 509    | 500.0 | 0.4049      | 101.8 | 489.7       | 3.94 | 02/23/2024    |    |
| Barium                     |           | 1.0  |            | 1960   | 2000  | 54.28       | 95.4  | 1963        | 0.02 | 02/23/2024    |    |
| Beryllium                  |           | 1.0  |            | 48.5   | 50.00 | 0           | 97.0  | 46.62       | 3.96 | 02/23/2024    |    |
| Boron                      |           | 25.0 |            | 469    | 500.0 | 11.79       | 91.4  | 456.6       | 2.62 | 02/23/2024    |    |
| Cadmium                    |           | 1.0  |            | 46.3   | 50.00 | 0           | 92.5  | 47.36       | 2.36 | 02/23/2024    |    |
| Chromium                   |           | 1.5  |            | 185    | 200.0 | 1.051       | 91.9  | 176.8       | 4.49 | 02/23/2024    |    |
| Cobalt                     |           | 1.0  |            | 447    | 500.0 | 0           | 89.4  | 432.8       | 3.26 | 02/23/2024    |    |
| Copper                     |           | 1.0  |            | 227    | 250.0 | 0.8649      | 90.6  | 219.3       | 3.59 | 02/23/2024    |    |
| Iron                       |           | 25.0 |            | 1870   | 2000  | 40.10       | 91.3  | 1836        | 1.58 | 02/23/2024    |    |
| Iron                       |           | 25.0 |            | 2090   | 2000  | 74.24       | 100.8 | 2110        | 0.89 | 02/26/2024    |    |
| Lead                       |           | 1.0  |            | 483    | 500.0 | 0           | 96.6  | 446.9       | 7.80 | 02/23/2024    |    |
| Manganese                  |           | 2.0  |            | 471    | 500.0 | 1.751       | 93.8  | 457.8       | 2.82 | 02/23/2024    |    |
| Molybdenum                 |           | 1.5  |            | 451    | 500.0 | 0           | 90.3  | 434.4       | 3.83 | 02/23/2024    |    |
| Selenium                   |           | 1.0  |            | 490    | 500.0 | 2.766       | 97.4  | 474.9       | 3.05 | 02/23/2024    |    |
| Silver                     |           | 1.0  |            | 45.6   | 50.00 | 0           | 91.1  | 45.20       | 0.78 | 02/23/2024    |    |
| Thallium                   |           | 2.0  |            | 217    | 250.0 | 0           | 86.9  | 201.8       | 7.41 | 02/23/2024    |    |
| Vanadium                   |           | 5.0  |            | 463    | 500.0 | 0           | 92.6  | 447.2       | 3.46 | 02/23/2024    |    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218972 SampType: MBLK Units µg/L

SampleID: MBLK-218972

| Analyses   | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.3000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Iron       |      | 25.0 |      | < 25.0 | 11.50  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Nickel     |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Zinc       |      | 15.0 |      | < 15.0 | 5.900  | 0           | 0    | -100      | 100        | 02/26/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218972 SampType: LCS Units µg/L

SampleID: LCS-218972

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | 1700   | 2000  | 0           | 85.1  | 80        | 120        | 02/23/2024    |
| Antimony   |      | 1.0  |      | 446    | 500.0 | 0           | 89.1  | 80        | 120        | 02/26/2024    |
| Arsenic    |      | 1.0  |      | 493    | 500.0 | 0           | 98.6  | 80        | 120        | 02/23/2024    |
| Barium     |      | 1.0  |      | 1970   | 2000  | 0           | 98.3  | 80        | 120        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | 43.9   | 50.00 | 0           | 87.8  | 80        | 120        | 02/23/2024    |
| Boron      |      | 25.0 |      | 450    | 500.0 | 0           | 90.0  | 80        | 120        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | 44.4   | 50.00 | 0           | 88.7  | 80        | 120        | 02/23/2024    |
| Chromium   |      | 1.5  |      | 181    | 200.0 | 0           | 90.3  | 80        | 120        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | 460    | 500.0 | 0           | 92.0  | 80        | 120        | 02/23/2024    |
| Copper     |      | 1.0  |      | 234    | 250.0 | 0           | 93.6  | 80        | 120        | 02/23/2024    |
| Iron       |      | 25.0 |      | 1800   | 2000  | 0           | 89.9  | 80        | 120        | 02/23/2024    |
| Lead       |      | 1.0  |      | 480    | 500.0 | 0           | 95.9  | 80        | 120        | 02/26/2024    |
| Manganese  |      | 2.0  |      | 464    | 500.0 | 0           | 92.9  | 80        | 120        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | 422    | 500.0 | 0           | 84.5  | 80        | 120        | 02/23/2024    |
| Nickel     |      | 1.0  |      | 470    | 500.0 | 0           | 93.9  | 80        | 120        | 02/26/2024    |
| Selenium   |      | 1.0  |      | 497    | 500.0 | 0           | 99.5  | 80        | 120        | 02/23/2024    |
| Silver     |      | 1.0  |      | 42.6   | 50.00 | 0           | 85.2  | 80        | 120        | 02/23/2024    |
| Thallium   |      | 2.0  |      | 225    | 250.0 | 0           | 90.2  | 80        | 120        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | 448    | 500.0 | 0           | 89.6  | 80        | 120        | 02/23/2024    |
| Zinc       |      | 15.0 |      | 508    | 500.0 | 0           | 101.6 | 80        | 120        | 02/26/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218972 SampType: MS

Units µg/L

SampleID: 24020001-025DMS

| Analyses  | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|-----------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum  |      | 25.0 |      | 1680   | 2000  | 0           | 84.0  | 75        | 125        | 02/23/2024    |
| Antimony  |      | 1.0  |      | 526    | 500.0 | 0           | 105.2 | 75        | 125        | 02/26/2024    |
| Arsenic   |      | 1.0  |      | 488    | 500.0 | 0           | 97.5  | 75        | 125        | 02/23/2024    |
| Barium    |      | 1.0  |      | 2010   | 2000  | 38.63       | 98.4  | 75        | 125        | 02/23/2024    |
| Beryllium |      | 1.0  |      | 45.7   | 50.00 | 0           | 91.5  | 75        | 125        | 02/23/2024    |
| Boron     |      | 25.0 |      | 478    | 500.0 | 39.76       | 87.6  | 75        | 125        | 02/23/2024    |
| Cadmium   |      | 1.0  |      | 45.3   | 50.00 | 0           | 90.6  | 75        | 125        | 02/23/2024    |
| Chromium  |      | 1.5  |      | 177    | 200.0 | 0.9569      | 88.2  | 75        | 125        | 02/23/2024    |
| Cobalt    |      | 1.0  |      | 443    | 500.0 | 0           | 88.6  | 75        | 125        | 02/23/2024    |
| Copper    |      | 1.0  |      | 220    | 250.0 | 0.4856      | 87.9  | 75        | 125        | 02/23/2024    |
| Iron      |      | 25.0 |      | 1770   | 2000  | 0           | 88.6  | 75        | 125        | 02/23/2024    |
| Lead      |      | 1.0  |      | 504    | 500.0 | 0           | 100.7 | 75        | 125        | 02/26/2024    |
| Manganese |      | 2.0  |      | 451    | 500.0 | 0           | 90.3  | 75        | 125        | 02/23/2024    |
| Nickel    |      | 1.0  |      | 459    | 500.0 | 0           | 91.7  | 75        | 125        | 02/26/2024    |
| Selenium  |      | 1.0  |      | 484    | 500.0 | 1.833       | 96.5  | 75        | 125        | 02/23/2024    |
| Silver    |      | 1.0  |      | 42.3   | 50.00 | 0           | 84.6  | 75        | 125        | 02/23/2024    |
| Thallium  |      | 2.0  |      | 221    | 250.0 | 0           | 88.4  | 75        | 125        | 02/23/2024    |
| Vanadium  |      | 5.0  |      | 448    | 500.0 | 0           | 89.6  | 75        | 125        | 02/23/2024    |
| Zinc      |      | 15.0 |      | 513    | 500.0 | 0           | 102.5 | 75        | 125        | 02/26/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                      | SampType | MSD  | Units µg/L |        |       |             |       |             |      | RPD Limit     |  |
|----------------------------|----------|------|------------|--------|-------|-------------|-------|-------------|------|---------------|--|
| SampleID: 24020001-025DMSD |          |      |            |        |       |             |       |             |      |               |  |
| Analyses                   | Cert     | RL   | Qual       | Result | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |  |
| Aluminum                   |          | 25.0 |            | 1690   | 2000  | 0           | 84.3  | 1679        | 0.41 | 02/23/2024    |  |
| Antimony                   |          | 1.0  |            | 505    | 500.0 | 0           | 100.9 | 526.0       | 4.15 | 02/26/2024    |  |
| Arsenic                    |          | 1.0  |            | 484    | 500.0 | 0           | 96.8  | 487.6       | 0.76 | 02/23/2024    |  |
| Barium                     |          | 1.0  |            | 1990   | 2000  | 38.63       | 97.5  | 2006        | 0.91 | 02/23/2024    |  |
| Beryllium                  |          | 1.0  |            | 44.7   | 50.00 | 0           | 89.4  | 45.74       | 2.29 | 02/23/2024    |  |
| Boron                      |          | 25.0 |            | 477    | 500.0 | 39.76       | 87.4  | 477.6       | 0.17 | 02/23/2024    |  |
| Cadmium                    |          | 1.0  |            | 43.5   | 50.00 | 0           | 87.0  | 45.29       | 3.99 | 02/23/2024    |  |
| Chromium                   |          | 1.5  |            | 178    | 200.0 | 0.9569      | 88.6  | 177.4       | 0.41 | 02/23/2024    |  |
| Cobalt                     |          | 1.0  |            | 443    | 500.0 | 0           | 88.6  | 442.8       | 0.03 | 02/23/2024    |  |
| Copper                     |          | 1.0  |            | 221    | 250.0 | 0.4856      | 88.0  | 220.3       | 0.09 | 02/23/2024    |  |
| Iron                       |          | 25.0 |            | 1770   | 2000  | 0           | 88.7  | 1771        | 0.17 | 02/23/2024    |  |
| Lead                       |          | 1.0  |            | 499    | 500.0 | 0           | 99.7  | 503.6       | 0.97 | 02/26/2024    |  |
| Manganese                  |          | 2.0  |            | 454    | 500.0 | 0           | 90.8  | 451.3       | 0.59 | 02/23/2024    |  |
| Nickel                     |          | 1.0  |            | 456    | 500.0 | 0           | 91.2  | 458.7       | 0.62 | 02/26/2024    |  |
| Selenium                   |          | 1.0  |            | 483    | 500.0 | 1.833       | 96.3  | 484.2       | 0.15 | 02/23/2024    |  |
| Silver                     |          | 1.0  |            | 41.5   | 50.00 | 0           | 83.1  | 42.29       | 1.81 | 02/23/2024    |  |
| Thallium                   |          | 2.0  |            | 219    | 250.0 | 0           | 87.5  | 220.9       | 0.96 | 02/23/2024    |  |
| Vanadium                   |          | 5.0  |            | 450    | 500.0 | 0           | 90.1  | 447.8       | 0.57 | 02/23/2024    |  |
| Zinc                       |          | 15.0 |            | 502    | 500.0 | 0           | 100.4 | 512.5       | 2.05 | 02/26/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219032 SampType: MBLK Units µg/L

SampID: MBLK-219032

| Analyses   | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0    | -100      | 100        | 02/24/2024    |
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0    | -100      | 100        | 02/24/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0    | -100      | 100        | 02/24/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0    | -100      | 100        | 02/24/2024    |
| Cadmium    |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.3000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.3000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Iron       |      | 25.0 |      | < 25.0 | 11.50  | 0           | 0    | -100      | 100        | 02/27/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Nickel     |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Nickel     |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1000 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0    | -100      | 100        | 02/24/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0    | -100      | 100        | 02/24/2024    |





## Quality Control Results

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

**Client:** Ramboll

**Work Order:** 24020001

**Client Project:** COF-24Q1

**Report Date:** 09-Apr-24

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

**Batch** 219032      **SampType:** MBLK      **Units** µg/L

**SampID:** MBLK-219032

| Analyses | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|----------|------|------|------|--------|-------|-------------|------|-----------|------------|---------------|
| Zinc     |      | 15.0 |      | < 15.0 | 5.900 | 0           | 0    | -100      | 100        | 02/24/2024    |
| Zinc     |      | 15.0 |      | < 15.0 | 5.900 | 0           | 0    | -100      | 100        | 02/24/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | 1760   | 2000  | 0           | 88.1  | 80        | 120        | 02/24/2024    |
| Aluminum   |      | 25.0 |      | 1760   | 2000  | 0           | 88.1  | 80        | 120        | 02/24/2024    |
| Antimony   |      | 1.0  |      | 446    | 500.0 | 0           | 89.3  | 80        | 120        | 02/24/2024    |
| Antimony   |      | 1.0  |      | 446    | 500.0 | 0           | 89.3  | 80        | 120        | 02/24/2024    |
| Arsenic    |      | 1.0  |      | 476    | 500.0 | 0           | 95.1  | 80        | 120        | 02/24/2024    |
| Arsenic    |      | 1.0  |      | 476    | 500.0 | 0           | 95.1  | 80        | 120        | 02/24/2024    |
| Barium     |      | 1.0  |      | 1870   | 2000  | 0           | 93.6  | 80        | 120        | 02/24/2024    |
| Barium     |      | 1.0  |      | 1870   | 2000  | 0           | 93.6  | 80        | 120        | 02/24/2024    |
| Beryllium  |      | 1.0  |      | 45.1   | 50.00 | 0           | 90.2  | 80        | 120        | 02/24/2024    |
| Beryllium  |      | 1.0  |      | 45.1   | 50.00 | 0           | 90.2  | 80        | 120        | 02/24/2024    |
| Boron      |      | 25.0 |      | 428    | 500.0 | 0           | 85.7  | 80        | 120        | 02/24/2024    |
| Boron      |      | 25.0 |      | 428    | 500.0 | 0           | 85.7  | 80        | 120        | 02/24/2024    |
| Cadmium    |      | 1.0  |      | 49.1   | 50.00 | 0           | 98.1  | 80        | 120        | 02/26/2024    |
| Chromium   |      | 1.5  |      | 175    | 200.0 | 0           | 87.3  | 80        | 120        | 02/24/2024    |
| Chromium   |      | 1.5  |      | 175    | 200.0 | 0           | 87.3  | 80        | 120        | 02/24/2024    |
| Cobalt     |      | 1.0  |      | 431    | 500.0 | 0           | 86.2  | 80        | 120        | 02/24/2024    |
| Cobalt     |      | 1.0  |      | 431    | 500.0 | 0           | 86.2  | 80        | 120        | 02/24/2024    |
| Copper     |      | 1.0  |      | 225    | 250.0 | 0           | 90.1  | 80        | 120        | 02/24/2024    |
| Copper     |      | 1.0  |      | 225    | 250.0 | 0           | 90.1  | 80        | 120        | 02/24/2024    |
| Iron       |      | 25.0 |      | 2200   | 2000  | 0           | 109.9 | 80        | 120        | 02/26/2024    |
| Lead       |      | 1.0  |      | 437    | 500.0 | 0           | 87.4  | 80        | 120        | 02/24/2024    |
| Lead       |      | 1.0  |      | 437    | 500.0 | 0           | 87.4  | 80        | 120        | 02/24/2024    |
| Manganese  |      | 2.0  |      | 453    | 500.0 | 0           | 90.7  | 80        | 120        | 02/24/2024    |
| Manganese  |      | 2.0  |      | 453    | 500.0 | 0           | 90.7  | 80        | 120        | 02/24/2024    |
| Molybdenum |      | 1.5  |      | 415    | 500.0 | 0           | 83.0  | 80        | 120        | 02/24/2024    |
| Molybdenum |      | 1.5  |      | 415    | 500.0 | 0           | 83.0  | 80        | 120        | 02/24/2024    |
| Nickel     |      | 1.0  |      | 441    | 500.0 | 0           | 88.1  | 80        | 120        | 02/24/2024    |
| Nickel     |      | 1.0  |      | 441    | 500.0 | 0           | 88.1  | 80        | 120        | 02/24/2024    |
| Selenium   |      | 1.0  |      | 467    | 500.0 | 0           | 93.3  | 80        | 120        | 02/24/2024    |
| Selenium   |      | 1.0  |      | 467    | 500.0 | 0           | 93.3  | 80        | 120        | 02/24/2024    |
| Silver     |      | 1.0  |      | 45.6   | 50.00 | 0           | 91.3  | 80        | 120        | 02/24/2024    |
| Silver     |      | 1.0  |      | 45.6   | 50.00 | 0           | 91.3  | 80        | 120        | 02/24/2024    |
| Thallium   |      | 2.0  |      | 217    | 250.0 | 0           | 86.8  | 80        | 120        | 02/24/2024    |
| Thallium   |      | 2.0  |      | 217    | 250.0 | 0           | 86.8  | 80        | 120        | 02/24/2024    |
| Vanadium   |      | 5.0  |      | 437    | 500.0 | 0           | 87.4  | 80        | 120        | 02/24/2024    |
| Vanadium   |      | 5.0  |      | 437    | 500.0 | 0           | 87.4  | 80        | 120        | 02/24/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219032 SampType: LCS Units µg/L

SampID: LCS-219032

| Analyses | Cert | RL   | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|----------|------|------|------|------------|-------|-------------|------|-----------|------------|---------------|
| Zinc     |      | 15.0 |      | <b>462</b> | 500.0 | 0           | 92.4 | 80        | 120        | 02/24/2024    |
| Zinc     |      | 15.0 |      | <b>462</b> | 500.0 | 0           | 92.4 | 80        | 120        | 02/24/2024    |

Batch 219032 SampType: MS Units µg/L

SampID: 24020001-052DMS

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>1850</b> | 2000  | 0           | 92.5  | 75        | 125        | 02/24/2024    |
| Antimony   |      | 1.0  |      | <b>459</b>  | 500.0 | 0           | 91.8  | 75        | 125        | 02/24/2024    |
| Arsenic    |      | 1.0  |      | <b>510</b>  | 500.0 | 0.9669      | 101.8 | 75        | 125        | 02/24/2024    |
| Barium     |      | 1.0  |      | <b>1880</b> | 2000  | 32.16       | 92.2  | 75        | 125        | 02/24/2024    |
| Beryllium  |      | 1.0  |      | <b>46.9</b> | 50.00 | 0           | 93.7  | 75        | 125        | 02/24/2024    |
| Boron      |      | 25.0 |      | <b>4190</b> | 500.0 | 3757        | 87.0  | 75        | 125        | 02/26/2024    |
| Cadmium    |      | 1.0  |      | <b>49.1</b> | 50.00 | 0.2298      | 97.8  | 75        | 125        | 02/26/2024    |
| Chromium   |      | 1.5  |      | <b>167</b>  | 200.0 | 0.7953      | 82.9  | 75        | 125        | 02/24/2024    |
| Cobalt     |      | 1.0  |      | <b>424</b>  | 500.0 | 0.1729      | 84.9  | 75        | 125        | 02/24/2024    |
| Copper     |      | 1.0  |      | <b>215</b>  | 250.0 | 0.9127      | 85.7  | 75        | 125        | 02/24/2024    |
| Iron       |      | 25.0 |      | <b>1990</b> | 2000  | 23.60       | 98.3  | 75        | 125        | 02/26/2024    |
| Lead       |      | 1.0  |      | <b>441</b>  | 500.0 | 0           | 88.1  | 75        | 125        | 02/24/2024    |
| Manganese  |      | 2.0  |      | <b>642</b>  | 500.0 | 195.0       | 89.4  | 75        | 125        | 02/24/2024    |
| Molybdenum |      | 1.5  |      | <b>438</b>  | 500.0 | 0           | 87.6  | 75        | 125        | 02/24/2024    |
| Nickel     |      | 1.0  |      | <b>430</b>  | 500.0 | 7.514       | 84.6  | 75        | 125        | 02/24/2024    |
| Selenium   |      | 1.0  |      | <b>469</b>  | 500.0 | 1.789       | 93.5  | 75        | 125        | 02/24/2024    |
| Silver     |      | 1.0  | S    | <b>11.5</b> | 50.00 | 0           | 23.1  | 75        | 125        | 02/24/2024    |
| Thallium   |      | 2.0  |      | <b>220</b>  | 250.0 | 0           | 87.9  | 75        | 125        | 02/24/2024    |
| Vanadium   |      | 5.0  |      | <b>438</b>  | 500.0 | 0           | 87.6  | 75        | 125        | 02/24/2024    |
| Zinc       |      | 15.0 |      | <b>451</b>  | 500.0 | 0           | 90.1  | 75        | 125        | 02/24/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                    | SampType: | MSD  | Units µg/L |        |       |             | RPD Limit 20 |             |       |            | Date Analyzed |
|--------------------------|-----------|------|------------|--------|-------|-------------|--------------|-------------|-------|------------|---------------|
| SampID: 24020001-052DMSD |           |      |            |        |       |             |              |             |       |            |               |
| Analyses                 | Cert      | RL   | Qual       | Result | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD  |            |               |
| Aluminum                 |           | 25.0 |            | 1760   | 2000  | 0           | 88.1         | 1849        | 4.81  | 02/24/2024 |               |
| Antimony                 |           | 1.0  |            | 471    | 500.0 | 0           | 94.1         | 459.0       | 2.50  | 02/24/2024 |               |
| Arsenic                  |           | 1.0  |            | 492    | 500.0 | 0.9669      | 98.2         | 509.8       | 3.52  | 02/24/2024 |               |
| Barium                   |           | 1.0  |            | 1880   | 2000  | 32.16       | 92.2         | 1875        | 0.01  | 02/24/2024 |               |
| Beryllium                |           | 1.0  |            | 46.7   | 50.00 | 0           | 93.3         | 46.87       | 0.46  | 02/24/2024 |               |
| Boron                    |           | 25.0 |            | 4140   | 500.0 | 3757        | 75.8         | 4193        | 1.36  | 02/26/2024 |               |
| Cadmium                  |           | 1.0  |            | 47.8   | 50.00 | 0.2298      | 95.2         | 49.13       | 2.65  | 02/26/2024 |               |
| Chromium                 |           | 1.5  |            | 172    | 200.0 | 0.7953      | 85.8         | 166.6       | 3.43  | 02/24/2024 |               |
| Cobalt                   |           | 1.0  |            | 423    | 500.0 | 0.1729      | 84.5         | 424.5       | 0.39  | 02/24/2024 |               |
| Copper                   |           | 1.0  |            | 212    | 250.0 | 0.9127      | 84.5         | 215.1       | 1.38  | 02/24/2024 |               |
| Iron                     |           | 25.0 |            | 1960   | 2000  | 23.60       | 96.9         | 1989        | 1.42  | 02/26/2024 |               |
| Lead                     |           | 1.0  |            | 444    | 500.0 | 0           | 88.9         | 440.7       | 0.84  | 02/24/2024 |               |
| Manganese                |           | 2.0  |            | 641    | 500.0 | 195.0       | 89.2         | 641.9       | 0.13  | 02/24/2024 |               |
| Molybdenum               |           | 1.5  |            | 412    | 500.0 | 0           | 82.3         | 438.1       | 6.23  | 02/24/2024 |               |
| Nickel                   |           | 1.0  |            | 434    | 500.0 | 7.514       | 85.2         | 430.4       | 0.72  | 02/24/2024 |               |
| Selenium                 |           | 1.0  |            | 463    | 500.0 | 1.789       | 92.2         | 469.2       | 1.39  | 02/24/2024 |               |
| Silver                   |           | 1.0  | SR         | 19.8   | 50.00 | 0           | 39.7         | 11.54       | 52.86 | 02/24/2024 |               |
| Thallium                 |           | 2.0  |            | 221    | 250.0 | 0           | 88.4         | 219.7       | 0.54  | 02/24/2024 |               |
| Vanadium                 |           | 5.0  |            | 436    | 500.0 | 0           | 87.2         | 437.9       | 0.38  | 02/24/2024 |               |
| Zinc                     |           | 15.0 |            | 428    | 500.0 | 0           | 85.7         | 450.7       | 5.08  | 02/24/2024 |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219032 SampType: MS

Units µg/L

SampleID: 24020001-087DMS

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | 1800   | 2000  | 36.13       | 88.1 | 75        | 125        | 02/24/2024    |
| Antimony   |      | 1.0  |      | 460    | 500.0 | 0           | 92.0 | 75        | 125        | 02/24/2024    |
| Arsenic    |      | 1.0  |      | 490    | 500.0 | 0.4123      | 98.0 | 75        | 125        | 02/24/2024    |
| Barium     |      | 1.0  |      | 1830   | 2000  | 51.65       | 88.9 | 75        | 125        | 02/24/2024    |
| Beryllium  |      | 1.0  |      | 47.2   | 50.00 | 0           | 94.4 | 75        | 125        | 02/24/2024    |
| Boron      |      | 25.0 |      | 783    | 500.0 | 331.4       | 90.3 | 75        | 125        | 02/24/2024    |
| Cadmium    |      | 1.0  |      | 49.4   | 50.00 | 0.2548      | 98.2 | 75        | 125        | 02/27/2024    |
| Chromium   |      | 1.5  |      | 170    | 200.0 | 1.146       | 84.6 | 75        | 125        | 02/24/2024    |
| Cobalt     |      | 1.0  |      | 419    | 500.0 | 0.5539      | 83.7 | 75        | 125        | 02/24/2024    |
| Copper     |      | 1.0  |      | 218    | 250.0 | 0.6777      | 86.9 | 75        | 125        | 02/24/2024    |
| Iron       |      | 25.0 |      | 2130   | 2000  | 156.1       | 98.7 | 75        | 125        | 02/27/2024    |
| Lead       |      | 1.0  |      | 453    | 500.0 | 0           | 90.7 | 75        | 125        | 02/24/2024    |
| Manganese  |      | 2.0  |      | 1020   | 500.0 | 568.2       | 90.9 | 75        | 125        | 02/24/2024    |
| Molybdenum |      | 1.5  |      | 415    | 500.0 | 0.9292      | 82.7 | 75        | 125        | 02/24/2024    |
| Nickel     |      | 1.0  |      | 436    | 500.0 | 2.470       | 86.7 | 75        | 125        | 03/01/2024    |
| Selenium   |      | 1.0  |      | 461    | 500.0 | 3.405       | 91.6 | 75        | 125        | 02/24/2024    |
| Silver     |      | 1.0  |      | 43.2   | 50.00 | 0           | 86.4 | 75        | 125        | 02/24/2024    |
| Thallium   |      | 2.0  |      | 238    | 250.0 | 0           | 95.1 | 75        | 125        | 02/27/2024    |
| Vanadium   |      | 5.0  |      | 438    | 500.0 | 0           | 87.6 | 75        | 125        | 02/24/2024    |
| Zinc       |      | 15.0 |      | 457    | 500.0 | 0           | 91.5 | 75        | 125        | 02/24/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219032             |      | SampType: MSD |      | Units µg/L |       |             |      | RPD Limit 20 |      | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|
| SampID: 24020001-087DMSD |      |               |      |            |       |             |      |              |      |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |
| Aluminum                 |      | 25.0          |      | 1930       | 2000  | 36.13       | 94.8 | 1799         | 7.12 | 02/24/2024    |
| Antimony                 |      | 1.0           |      | 464        | 500.0 | 0           | 92.8 | 460.1        | 0.86 | 02/24/2024    |
| Arsenic                  |      | 1.0           |      | 477        | 500.0 | 0.4123      | 95.2 | 490.4        | 2.84 | 02/24/2024    |
| Barium                   |      | 1.0           |      | 1880       | 2000  | 51.65       | 91.6 | 1830         | 2.90 | 02/24/2024    |
| Beryllium                |      | 1.0           |      | 46.2       | 50.00 | 0           | 92.4 | 47.22        | 2.21 | 02/24/2024    |
| Boron                    |      | 25.0          |      | 780        | 500.0 | 331.4       | 89.8 | 782.9        | 0.32 | 02/24/2024    |
| Cadmium                  |      | 1.0           |      | 48.1       | 50.00 | 0.2548      | 95.8 | 49.36        | 2.49 | 02/27/2024    |
| Chromium                 |      | 1.5           |      | 170        | 200.0 | 1.146       | 84.2 | 170.3        | 0.38 | 02/24/2024    |
| Cobalt                   |      | 1.0           |      | 420        | 500.0 | 0.5539      | 83.9 | 419.0        | 0.27 | 02/24/2024    |
| Copper                   |      | 1.0           |      | 215        | 250.0 | 0.6777      | 85.8 | 218.0        | 1.34 | 02/24/2024    |
| Iron                     |      | 25.0          |      | 2050       | 2000  | 156.1       | 94.8 | 2129         | 3.66 | 02/27/2024    |
| Lead                     |      | 1.0           |      | 441        | 500.0 | 0           | 88.1 | 453.3        | 2.87 | 02/24/2024    |
| Manganese                |      | 2.0           |      | 1000       | 500.0 | 568.2       | 87.3 | 1023         | 1.79 | 02/24/2024    |
| Molybdenum               |      | 1.5           |      | 415        | 500.0 | 0.9292      | 82.8 | 414.6        | 0.03 | 02/24/2024    |
| Nickel                   |      | 1.0           |      | 457        | 500.0 | 2.470       | 90.9 | 435.8        | 4.72 | 03/01/2024    |
| Selenium                 |      | 1.0           |      | 450        | 500.0 | 3.405       | 89.3 | 461.4        | 2.49 | 02/24/2024    |
| Silver                   |      | 1.0           |      | 46.3       | 50.00 | 0           | 92.6 | 43.18        | 7.00 | 02/24/2024    |
| Thallium                 |      | 2.0           |      | 241        | 250.0 | 0           | 96.3 | 237.8        | 1.21 | 02/27/2024    |
| Vanadium                 |      | 5.0           |      | 426        | 500.0 | 0           | 85.3 | 437.8        | 2.64 | 02/24/2024    |
| Zinc                     |      | 15.0          |      | 471        | 500.0 | 0           | 94.1 | 457.3        | 2.86 | 02/24/2024    |

| Batch 219817        |      | SampType: MBLK |      | Units µg/L |        |             |      | Date Analyzed |            |               |
|---------------------|------|----------------|------|------------|--------|-------------|------|---------------|------------|---------------|
| SampID: MBLK-219817 |      |                |      |            |        |             |      |               |            |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit     | High Limit | Date Analyzed |
| Nickel              |      | 1.0            |      | < 1.0      | 0.4300 | 0           | 0    | -100          | 100        | 03/13/2024    |
| Zinc                |      | 15.0           |      | < 15.0     | 5.900  | 0           | 0    | -100          | 100        | 03/13/2024    |

| Batch 219817       |      | SampType: LCS |      | Units µg/L |       |             |      | Date Analyzed |            |               |
|--------------------|------|---------------|------|------------|-------|-------------|------|---------------|------------|---------------|
| SampID: LCS-219817 |      |               |      |            |       |             |      |               |            |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit     | High Limit | Date Analyzed |
| Nickel             |      | 1.0           |      | 458        | 500.0 | 0           | 91.7 | 80            | 120        | 03/13/2024    |
| Zinc               |      | 15.0          |      | 424        | 500.0 | 0           | 84.8 | 80            | 120        | 03/13/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch R343697           |      | SampType: MS |      | Units µg/L |       |             |        |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|--------|-----------|------------|------------|---------------|
| SampID: 24020001-098DMS |      |              |      |            |       |             |        |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC   | Low Limit | High Limit |            |               |
| Zinc                    |      | 15.0         | S    | 612        | 500.0 | 3841        | -645.8 | 75        | 125        | 02/28/2024 |               |

| Batch R343697            |      | SampType: MSD |      | Units µg/L |       | RPD Limit 20 |        |             |      |            | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|--------------|--------|-------------|------|------------|---------------|
| SampID: 24020001-098DMSD |      |               |      |            |       |              |        |             |      |            |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val  | %REC   | RPD Ref Val | %RPD |            |               |
| Zinc                     |      | 15.0          | S    | 562        | 500.0 | 3841         | -655.7 | 611.9       | 8.42 | 02/28/2024 |               |

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

| Batch 218746        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |            | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|------------|---------------|
| SampID: MBLK-218746 |      |                |      |            |        |             |      |           |            |            |               |
| 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        | 02/16/2024 |               |
| Antimony            |      | 1.0            |      | < 1.0      | 0.4500 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Arsenic             |      | 1.0            |      | < 1.0      | 0.3750 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Barium              |      | 1.0            |      | < 1.0      | 0.7000 | 0           | 0    | -100      | 100        | 02/20/2024 |               |
| Beryllium           |      | 1.0            |      | < 1.0      | 0.2500 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Boron               |      | 25.0           |      | < 25.0     | 9.250  | 0           | 0    | -100      | 100        | 02/19/2024 |               |
| Cadmium             |      | 1.0            |      | < 1.0      | 0.1340 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Chromium            |      | 1.5            |      | < 1.5      | 0.7000 | 0           | 0    | -100      | 100        | 02/19/2024 |               |
| Cobalt              |      | 1.0            |      | < 1.0      | 0.1150 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Copper              |      | 1.0            |      | < 1.0      | 0.2980 | 0           | 0    | -100      | 100        | 02/19/2024 |               |
| Iron                |      | 25.0           |      | < 25.0     | 11.50  | 0           | 0    | -100      | 100        | 02/19/2024 |               |
| Lead                |      | 1.0            |      | < 1.0      | 0.6000 | 0           | 0    | -100      | 100        | 02/20/2024 |               |
| Lithium             | *    | 3.0            |      | < 3.0      | 1.450  | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Manganese           |      | 2.0            |      | < 2.0      | 0.7500 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Molybdenum          |      | 1.5            |      | < 1.5      | 0.6000 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Nickel              |      | 1.0            |      | < 1.0      | 0.4300 | 0           | 0    | -100      | 100        | 02/22/2024 |               |
| Selenium            |      | 1.0            |      | < 1.0      | 0.6000 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Silver              |      | 1.0            |      | < 1.0      | 0.1110 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Silver              |      | 1.0            |      | < 1.0      | 0.1110 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Thallium            |      | 2.0            |      | < 2.0      | 0.9500 | 0           | 0    | -100      | 100        | 02/16/2024 |               |
| Vanadium            |      | 5.0            |      | < 5.0      | 5.000  | 0           | 0    | -100      | 100        | 02/19/2024 |               |
| Zinc                |      | 15.0           |      | < 15.0     | 5.900  | 0           | 0    | -100      | 100        | 02/19/2024 |               |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218746 SampType: LCS Units µg/L

SampID: LCS-218746

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | 2240   | 2000  | 0           | 112.0 | 80        | 120        | 02/21/2024    |
| Antimony   |      | 1.0  |      | 518    | 500.0 | 0           | 103.6 | 80        | 120        | 02/16/2024    |
| Arsenic    |      | 1.0  |      | 525    | 500.0 | 0           | 105.0 | 80        | 120        | 02/16/2024    |
| Barium     |      | 1.0  |      | 2190   | 2000  | 0           | 109.3 | 80        | 120        | 02/21/2024    |
| Beryllium  |      | 1.0  |      | 52.5   | 50.00 | 0           | 104.9 | 80        | 120        | 02/16/2024    |
| Boron      |      | 25.0 |      | 524    | 500.0 | 0           | 104.9 | 80        | 120        | 02/19/2024    |
| Cadmium    |      | 1.0  |      | 50.2   | 50.00 | 0           | 100.4 | 80        | 120        | 02/16/2024    |
| Chromium   |      | 1.5  |      | 208    | 200.0 | 0           | 103.8 | 80        | 120        | 02/19/2024    |
| Cobalt     |      | 1.0  |      | 501    | 500.0 | 0           | 100.3 | 80        | 120        | 02/16/2024    |
| Copper     |      | 1.0  |      | 260    | 250.0 | 0           | 104.0 | 80        | 120        | 02/19/2024    |
| Iron       |      | 25.0 |      | 2180   | 2000  | 0           | 108.9 | 80        | 120        | 02/19/2024    |
| Lead       |      | 1.0  |      | 543    | 500.0 | 0           | 108.6 | 80        | 120        | 02/20/2024    |
| Lithium    | *    | 3.0  |      | 510    | 500.0 | 0           | 102.0 | 80        | 120        | 02/16/2024    |
| Manganese  |      | 2.0  |      | 540    | 500.0 | 0           | 108.0 | 80        | 120        | 02/19/2024    |
| Molybdenum |      | 1.5  |      | 494    | 500.0 | 0           | 98.8  | 80        | 120        | 02/19/2024    |
| Nickel     |      | 1.0  |      | 549    | 500.0 | 0           | 109.8 | 80        | 120        | 02/21/2024    |
| Selenium   |      | 1.0  |      | 498    | 500.0 | 0           | 99.6  | 80        | 120        | 02/16/2024    |
| Silver     |      | 1.0  |      | 51.0   | 50.00 | 0           | 102.0 | 80        | 120        | 02/16/2024    |
| Silver     |      | 1.0  |      | 51.7   | 50.00 | 0           | 103.3 | 80        | 120        | 02/16/2024    |
| Thallium   |      | 2.0  |      | 266    | 250.0 | 0           | 106.4 | 80        | 120        | 02/19/2024    |
| Vanadium   |      | 5.0  |      | 512    | 500.0 | 0           | 102.4 | 80        | 120        | 02/19/2024    |
| Zinc       |      | 15.0 |      | 542    | 500.0 | 0           | 108.5 | 80        | 120        | 02/21/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218746 SampType: MS Units µg/L

SampleID: 24020001-032CMS

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>2550</b> | 2000  | 462.8       | 104.4 | 75        | 125        | 02/21/2024    |
| Antimony   |      | 1.0  |      | <b>499</b>  | 500.0 | 0.6628      | 99.7  | 75        | 125        | 02/16/2024    |
| Arsenic    |      | 1.0  |      | <b>530</b>  | 500.0 | 1.304       | 105.8 | 75        | 125        | 02/16/2024    |
| Barium     |      | 1.0  |      | <b>2130</b> | 2000  | 70.23       | 102.8 | 75        | 125        | 02/21/2024    |
| Beryllium  |      | 1.0  |      | <b>53.3</b> | 50.00 | 0           | 106.5 | 75        | 125        | 02/16/2024    |
| Boron      |      | 25.0 |      | <b>544</b>  | 500.0 | 30.00       | 102.8 | 75        | 125        | 02/19/2024    |
| Cadmium    |      | 1.0  |      | <b>48.5</b> | 50.00 | 0           | 97.0  | 75        | 125        | 02/16/2024    |
| Chromium   |      | 1.5  |      | <b>192</b>  | 200.0 | 1.348       | 95.1  | 75        | 125        | 02/19/2024    |
| Cobalt     |      | 1.0  |      | <b>486</b>  | 500.0 | 0.2830      | 97.1  | 75        | 125        | 02/16/2024    |
| Copper     |      | 1.0  |      | <b>232</b>  | 250.0 | 2.479       | 91.9  | 75        | 125        | 02/19/2024    |
| Iron       |      | 25.0 |      | <b>3520</b> | 2000  | 1452        | 103.4 | 75        | 125        | 02/19/2024    |
| Lead       |      | 1.0  |      | <b>506</b>  | 500.0 | 0           | 101.2 | 75        | 125        | 02/20/2024    |
| Lithium    | *    | 3.0  |      | <b>504</b>  | 500.0 | 5.150       | 99.8  | 75        | 125        | 02/16/2024    |
| Manganese  |      | 2.0  |      | <b>794</b>  | 500.0 | 311.2       | 96.5  | 75        | 125        | 02/19/2024    |
| Molybdenum |      | 1.5  |      | <b>481</b>  | 500.0 | 3.115       | 95.6  | 75        | 125        | 02/19/2024    |
| Nickel     |      | 1.0  |      | <b>505</b>  | 500.0 | 2.636       | 100.6 | 75        | 125        | 02/21/2024    |
| Selenium   |      | 1.0  |      | <b>484</b>  | 500.0 | 0           | 96.7  | 75        | 125        | 02/16/2024    |
| Silver     |      | 1.0  |      | <b>60.2</b> | 50.00 | 0           | 120.3 | 75        | 125        | 02/16/2024    |
| Thallium   |      | 2.0  |      | <b>233</b>  | 250.0 | 0           | 93.4  | 75        | 125        | 02/22/2024    |
| Vanadium   |      | 5.0  |      | <b>486</b>  | 500.0 | 0           | 97.2  | 75        | 125        | 02/19/2024    |
| Zinc       |      | 15.0 |      | <b>527</b>  | 500.0 | 21.62       | 101.0 | 75        | 125        | 02/21/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                      | SampType: | MSD  | Units µg/L |             |       |             | RPD Limit 20 |             |       |            | Date Analyzed |
|----------------------------|-----------|------|------------|-------------|-------|-------------|--------------|-------------|-------|------------|---------------|
| SampleID: 24020001-032CMSD |           |      |            |             |       |             |              |             |       |            |               |
| Analyses                   | Cert      | RL   | Qual       | Result      | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD  |            |               |
| Aluminum                   |           | 25.0 |            | <b>2520</b> | 2000  | 462.8       | 102.7        | 2551        | 1.37  | 02/21/2024 |               |
| Antimony                   |           | 1.0  |            | <b>519</b>  | 500.0 | 0.6628      | 103.7        | 499.0       | 3.92  | 02/16/2024 |               |
| Arsenic                    |           | 1.0  |            | <b>538</b>  | 500.0 | 1.304       | 107.4        | 530.4       | 1.45  | 02/16/2024 |               |
| Barium                     |           | 1.0  |            | <b>2210</b> | 2000  | 70.23       | 107.2        | 2127        | 4.07  | 02/21/2024 |               |
| Beryllium                  |           | 1.0  |            | <b>53.8</b> | 50.00 | 0           | 107.6        | 53.26       | 0.97  | 02/16/2024 |               |
| Boron                      |           | 25.0 |            | <b>528</b>  | 500.0 | 30.00       | 99.7         | 543.9       | 2.90  | 02/19/2024 |               |
| Cadmium                    |           | 1.0  |            | <b>49.9</b> | 50.00 | 0           | 99.9         | 48.50       | 2.90  | 02/16/2024 |               |
| Chromium                   |           | 1.5  |            | <b>203</b>  | 200.0 | 1.348       | 100.9        | 191.6       | 5.82  | 02/19/2024 |               |
| Cobalt                     |           | 1.0  |            | <b>501</b>  | 500.0 | 0.2830      | 100.2        | 485.8       | 3.13  | 02/16/2024 |               |
| Copper                     |           | 1.0  |            | <b>250</b>  | 250.0 | 2.479       | 98.9         | 232.3       | 7.21  | 02/19/2024 |               |
| Iron                       |           | 25.0 |            | <b>3430</b> | 2000  | 1452        | 98.9         | 3519        | 2.59  | 02/19/2024 |               |
| Lead                       |           | 1.0  |            | <b>541</b>  | 500.0 | 0           | 108.2        | 506.2       | 6.63  | 02/20/2024 |               |
| Lithium                    | *         | 3.0  |            | <b>515</b>  | 500.0 | 5.150       | 102.0        | 504.3       | 2.09  | 02/16/2024 |               |
| Manganese                  |           | 2.0  |            | <b>837</b>  | 500.0 | 311.2       | 105.2        | 793.8       | 5.31  | 02/19/2024 |               |
| Molybdenum                 |           | 1.5  |            | <b>504</b>  | 500.0 | 3.115       | 100.2        | 481.4       | 4.59  | 02/19/2024 |               |
| Nickel                     |           | 1.0  |            | <b>522</b>  | 500.0 | 2.636       | 103.9        | 505.4       | 3.24  | 02/21/2024 |               |
| Selenium                   |           | 1.0  |            | <b>491</b>  | 500.0 | 0           | 98.3         | 483.7       | 1.54  | 02/16/2024 |               |
| Silver                     |           | 1.0  |            | <b>49.7</b> | 50.00 | 0           | 99.4         | 60.15       | 19.03 | 02/16/2024 |               |
| Thallium                   |           | 2.0  |            | <b>251</b>  | 250.0 | 0           | 100.2        | 233.5       | 7.05  | 02/22/2024 |               |
| Vanadium                   |           | 5.0  |            | <b>514</b>  | 500.0 | 0           | 102.9        | 485.8       | 5.69  | 02/19/2024 |               |
| Zinc                       |           | 15.0 |            | <b>547</b>  | 500.0 | 21.62       | 105.0        | 526.8       | 3.72  | 02/21/2024 |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218807 SampType: MBLK Units µg/L

SampleID: MBLK-218807

| Analyses   | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0    | -100      | 100        | 02/21/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/21/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0    | -100      | 100        | 02/21/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0    | -100      | 100        | 02/21/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0    | -100      | 100        | 02/21/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0    | -100      | 100        | 02/19/2024    |
| Cadmium    |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0    | -100      | 100        | 02/21/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0    | -100      | 100        | 02/21/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.2980 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Iron       |      | 75.0 |      | < 75.0 | 11.50  | 0           | 0    | -100      | 100        | 02/19/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/21/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1110 | 0           | 0    | -100      | 100        | 02/21/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0    | -100      | 100        | 02/19/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0    | -100      | 100        | 02/19/2024    |
| Zinc       |      | 15.0 |      | < 15.0 | 5.900  | 0           | 0    | -100      | 100        | 02/19/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218807 SampType: LCS Units µg/L

SampID: LCS-218807

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>2270</b> | 2000  | 0           | 113.4 | 80        | 120        | 02/21/2024    |
| Antimony   |      | 1.0  |      | <b>556</b>  | 500.0 | 0           | 111.2 | 80        | 120        | 02/22/2024    |
| Arsenic    |      | 1.0  |      | <b>600</b>  | 500.0 | 0           | 120.0 | 80        | 120        | 02/22/2024    |
| Arsenic    |      | 1.0  | S    | <b>604</b>  | 500.0 | 0           | 120.9 | 80        | 120        | 02/21/2024    |
| Barium     |      | 1.0  |      | <b>2250</b> | 2000  | 0           | 112.3 | 80        | 120        | 02/21/2024    |
| Beryllium  |      | 1.0  |      | <b>54.7</b> | 50.00 | 0           | 109.4 | 80        | 120        | 02/21/2024    |
| Boron      |      | 25.0 |      | <b>542</b>  | 500.0 | 0           | 108.3 | 80        | 120        | 02/19/2024    |
| Cadmium    |      | 1.0  |      | <b>57.0</b> | 50.00 | 0           | 114.0 | 80        | 120        | 02/21/2024    |
| Chromium   |      | 1.5  |      | <b>212</b>  | 200.0 | 0           | 106.1 | 80        | 120        | 02/19/2024    |
| Cobalt     |      | 1.0  |      | <b>555</b>  | 500.0 | 0           | 110.9 | 80        | 120        | 02/21/2024    |
| Iron       |      | 25.0 |      | <b>2130</b> | 2000  | 0           | 106.3 | 80        | 120        | 02/19/2024    |
| Lead       |      | 1.0  | S    | <b>704</b>  | 500.0 | 0           | 140.9 | 80        | 120        | 02/21/2024    |
| Manganese  |      | 2.0  |      | <b>554</b>  | 500.0 | 0           | 110.7 | 80        | 120        | 02/19/2024    |
| Molybdenum |      | 1.5  |      | <b>509</b>  | 500.0 | 0           | 101.9 | 80        | 120        | 02/19/2024    |
| Selenium   |      | 1.0  |      | <b>578</b>  | 500.0 | 0           | 115.5 | 80        | 120        | 02/21/2024    |
| Silver     |      | 1.0  |      | <b>57.0</b> | 50.00 | 0           | 114.1 | 80        | 120        | 02/21/2024    |
| Thallium   |      | 2.0  |      | <b>258</b>  | 250.0 | 0           | 103.4 | 80        | 120        | 02/19/2024    |
| Vanadium   |      | 5.0  |      | <b>529</b>  | 500.0 | 0           | 105.7 | 80        | 120        | 02/19/2024    |
| Zinc       |      | 15.0 | S    | <b>7740</b> | 500.0 | 0           | 1548  | 80        | 120        | 02/21/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218807 SampType: MS Units µg/L

SampleID: 24020001-005CMS

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>2490</b> | 2000  | 382.6       | 105.2 | 75        | 125        | 02/21/2024    |
| Antimony   |      | 1.0  |      | <b>556</b>  | 500.0 | 0           | 111.3 | 75        | 125        | 02/22/2024    |
| Arsenic    |      | 1.0  |      | <b>581</b>  | 500.0 | 0           | 116.2 | 75        | 125        | 02/21/2024    |
| Barium     |      | 1.0  |      | <b>2250</b> | 2000  | 65.43       | 109.1 | 75        | 125        | 02/21/2024    |
| Beryllium  |      | 1.0  |      | <b>56.5</b> | 50.00 | 0           | 113.1 | 75        | 125        | 02/21/2024    |
| Boron      |      | 25.0 |      | <b>570</b>  | 500.0 | 10.47       | 111.9 | 75        | 125        | 02/19/2024    |
| Cadmium    |      | 1.0  |      | <b>55.5</b> | 50.00 | 0           | 111.0 | 75        | 125        | 02/21/2024    |
| Chromium   |      | 1.5  |      | <b>208</b>  | 200.0 | 2.523       | 102.5 | 75        | 125        | 02/19/2024    |
| Cobalt     |      | 1.0  |      | <b>516</b>  | 500.0 | 0           | 103.1 | 75        | 125        | 02/21/2024    |
| Copper     |      | 1.0  |      | <b>243</b>  | 250.0 | 0.8241      | 96.7  | 75        | 125        | 02/19/2024    |
| Iron       |      | 25.0 |      | <b>2550</b> | 2000  | 375.2       | 108.6 | 75        | 125        | 02/19/2024    |
| Lead       |      | 1.0  |      | <b>555</b>  | 500.0 | 0           | 111.0 | 75        | 125        | 02/21/2024    |
| Manganese  |      | 2.0  |      | <b>544</b>  | 500.0 | 16.46       | 105.5 | 75        | 125        | 02/19/2024    |
| Molybdenum |      | 1.5  |      | <b>487</b>  | 500.0 | 0           | 97.4  | 75        | 125        | 02/19/2024    |
| Selenium   |      | 1.0  |      | <b>562</b>  | 500.0 | 3.144       | 111.8 | 75        | 125        | 02/21/2024    |
| Silver     |      | 1.0  |      | <b>54.0</b> | 50.00 | 0           | 108.0 | 75        | 125        | 02/21/2024    |
| Thallium   |      | 2.0  |      | <b>249</b>  | 250.0 | 0           | 99.4  | 75        | 125        | 02/19/2024    |
| Vanadium   |      | 5.0  |      | <b>518</b>  | 500.0 | 0           | 103.5 | 75        | 125        | 02/19/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 218807             |      | SampType: MSD |      | Units µg/L |       |             |       | RPD Limit 20 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|---------------|
| SampID: 24020001-005CMSD |      |               |      |            |       |             |       |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |               |
| Aluminum                 |      | 25.0          |      | 2520       | 2000  | 382.6       | 107.0 | 2487         | 1.39 | 02/21/2024    |               |
| Antimony                 |      | 1.0           |      | 563        | 500.0 | 0           | 112.6 | 556.4        | 1.19 | 02/22/2024    |               |
| Arsenic                  |      | 1.0           |      | 577        | 500.0 | 0           | 115.5 | 580.8        | 0.60 | 02/21/2024    |               |
| Barium                   |      | 1.0           |      | 2290       | 2000  | 65.43       | 111.1 | 2248         | 1.71 | 02/21/2024    |               |
| Beryllium                |      | 1.0           |      | 55.1       | 50.00 | 0           | 110.3 | 56.54        | 2.49 | 02/21/2024    |               |
| Boron                    |      | 25.0          |      | 532        | 500.0 | 10.47       | 104.3 | 570.2        | 6.95 | 02/19/2024    |               |
| Cadmium                  |      | 1.0           |      | 56.2       | 50.00 | 0           | 112.5 | 55.50        | 1.33 | 02/21/2024    |               |
| Chromium                 |      | 1.5           |      | 208        | 200.0 | 2.523       | 102.9 | 207.6        | 0.33 | 02/19/2024    |               |
| Cobalt                   |      | 1.0           |      | 506        | 500.0 | 0           | 101.2 | 515.7        | 1.89 | 02/21/2024    |               |
| Copper                   |      | 1.0           |      | 252        | 250.0 | 0.8241      | 100.5 | 242.6        | 3.85 | 02/19/2024    |               |
| Iron                     |      | 25.0          |      | 2430       | 2000  | 375.2       | 102.6 | 2548         | 4.86 | 02/19/2024    |               |
| Lead                     |      | 1.0           |      | 553        | 500.0 | 0           | 110.5 | 555.1        | 0.43 | 02/21/2024    |               |
| Manganese                |      | 2.0           |      | 546        | 500.0 | 16.46       | 106.0 | 543.9        | 0.43 | 02/19/2024    |               |
| Molybdenum               |      | 1.5           |      | 485        | 500.0 | 0           | 96.9  | 487.1        | 0.53 | 02/19/2024    |               |
| Selenium                 |      | 1.0           |      | 566        | 500.0 | 3.144       | 112.6 | 562.3        | 0.72 | 02/21/2024    |               |
| Silver                   |      | 1.0           |      | 57.6       | 50.00 | 0           | 115.1 | 54.00        | 6.39 | 02/21/2024    |               |
| Thallium                 |      | 2.0           |      | 272        | 250.0 | 0           | 109.0 | 248.5        | 9.18 | 02/19/2024    |               |
| Vanadium                 |      | 5.0           |      | 520        | 500.0 | 0           | 104.0 | 517.6        | 0.44 | 02/19/2024    |               |

| Batch 218847        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK-218847 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Antimony            |      | 1.0            |      | < 1.0      | 0.4500 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Arsenic             |      | 1.0            |      | < 1.0      | 0.3750 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Barium              |      | 1.0            |      | < 1.0      | 0.7000 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Beryllium           |      | 1.0            |      | < 1.0      | 0.2500 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Cadmium             |      | 1.0            |      | < 1.0      | 0.1340 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Chromium            |      | 1.5            |      | < 1.5      | 0.7000 | 0           | 0    | -100      | 100        | 02/22/2024    |               |
| Cobalt              |      | 1.0            |      | < 1.0      | 0.1150 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Lithium             | *    | 3.0            |      | < 3.0      | 1.450  | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Manganese           |      | 2.0            |      | < 2.0      | 0.7500 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Molybdenum          |      | 1.5            |      | < 1.5      | 0.6000 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Selenium            |      | 1.0            |      | < 1.0      | 0.6000 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Silver              |      | 1.0            |      | < 1.0      | 0.1110 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Thallium            |      | 2.0            |      | < 2.0      | 0.9500 | 0           | 0    | -100      | 100        | 02/21/2024    |               |
| Vanadium            |      | 5.0            |      | < 5.0      | 5.000  | 0           | 0    | -100      | 100        | 02/21/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218847 SampType: LCS Units µg/L

SampID: LCS-218847

| Analyses   | Cert | RL  | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|-----|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Antimony   |      | 1.0 |      | 527    | 500.0 | 0           | 105.4 | 80        | 120        | 02/21/2024    |
| Arsenic    |      | 1.0 |      | 560    | 500.0 | 0           | 112.1 | 80        | 120        | 02/21/2024    |
| Barium     |      | 1.0 |      | 2080   | 2000  | 0           | 104.1 | 80        | 120        | 02/21/2024    |
| Beryllium  |      | 1.0 |      | 51.2   | 50.00 | 0           | 102.5 | 80        | 120        | 02/21/2024    |
| Cadmium    |      | 1.0 |      | 52.6   | 50.00 | 0           | 105.2 | 80        | 120        | 02/21/2024    |
| Cobalt     |      | 1.0 |      | 515    | 500.0 | 0           | 103.0 | 80        | 120        | 02/21/2024    |
| Lithium    | *    | 3.0 |      | 491    | 500.0 | 0           | 98.2  | 80        | 120        | 02/21/2024    |
| Manganese  |      | 2.0 |      | 513    | 500.0 | 0           | 102.5 | 80        | 120        | 02/21/2024    |
| Molybdenum |      | 1.5 |      | 483    | 500.0 | 0           | 96.5  | 80        | 120        | 02/21/2024    |
| Selenium   |      | 1.0 |      | 551    | 500.0 | 0           | 110.1 | 80        | 120        | 02/21/2024    |
| Silver     |      | 1.0 |      | 51.7   | 50.00 | 0           | 103.4 | 80        | 120        | 02/21/2024    |
| Thallium   |      | 2.0 |      | 225    | 250.0 | 0           | 90.0  | 80        | 120        | 02/22/2024    |
| Vanadium   |      | 5.0 |      | 501    | 500.0 | 0           | 100.2 | 80        | 120        | 02/22/2024    |

Batch 218847 SampType: MS Units µg/L

SampID: 24020001-071BMS

| Analyses   | Cert | RL  | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|-----|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Antimony   |      | 1.0 |      | 534    | 500.0 | 0           | 106.8 | 75        | 125        | 02/22/2024    |
| Arsenic    |      | 1.0 |      | 542    | 500.0 | 0           | 108.3 | 75        | 125        | 02/22/2024    |
| Barium     |      | 1.0 |      | 2080   | 2000  | 17.53       | 103.1 | 75        | 125        | 02/22/2024    |
| Cadmium    |      | 1.0 |      | 52.8   | 50.00 | 0           | 105.6 | 75        | 125        | 02/22/2024    |
| Molybdenum |      | 1.5 |      | 493    | 500.0 | 0           | 98.7  | 75        | 125        | 02/22/2024    |
| Selenium   |      | 1.0 |      | 526    | 500.0 | 0           | 105.2 | 75        | 125        | 02/22/2024    |

Batch 218847 SampType: MSD Units µg/L

SampID: 24020001-071BMSD

RPD Limit 20

| Analyses   | Cert | RL  | Qual | Result | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |
|------------|------|-----|------|--------|-------|-------------|-------|-------------|------|---------------|
| Antimony   |      | 1.0 |      | 517    | 500.0 | 0           | 103.5 | 534.0       | 3.16 | 02/22/2024    |
| Arsenic    |      | 1.0 |      | 540    | 500.0 | 0           | 108.0 | 541.7       | 0.27 | 02/22/2024    |
| Barium     |      | 1.0 |      | 2030   | 2000  | 17.53       | 100.4 | 2079        | 2.60 | 02/22/2024    |
| Cadmium    |      | 1.0 |      | 50.1   | 50.00 | 0           | 100.3 | 52.80       | 5.19 | 02/22/2024    |
| Molybdenum |      | 1.5 |      | 467    | 500.0 | 0           | 93.5  | 493.5       | 5.45 | 02/22/2024    |
| Selenium   |      | 1.0 |      | 536    | 500.0 | 0           | 107.2 | 525.9       | 1.86 | 02/22/2024    |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 218873        |      | SampType: MBLK |      | Units µg/L |        |             |       |           |            |               |  |
|---------------------|------|----------------|------|------------|--------|-------------|-------|-----------|------------|---------------|--|
| SampID: MBLK-218873 |      |                |      |            |        |             |       |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Antimony            |      | 1.0            | S    | 1.1        | 0.4500 | 0           | 240.4 | -100      | 100        | 02/20/2024    |  |
| Arsenic             |      | 1.0            |      | < 1.0      | 0.3750 | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Barium              |      | 1.0            |      | < 1.0      | 0.7000 | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Beryllium           |      | 1.0            |      | < 1.0      | 0.2500 | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Boron               |      | 25.0           |      | < 25.0     | 9.250  | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Cadmium             |      | 1.0            |      | < 1.0      | 0.1340 | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Chromium            |      | 1.5            |      | < 1.5      | 0.7000 | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Cobalt              |      | 1.0            |      | < 1.0      | 0.1150 | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Lead                |      | 1.0            |      | < 1.0      | 0.6000 | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Lithium             | *    | 3.0            |      | < 3.0      | 1.450  | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Molybdenum          |      | 1.5            |      | < 1.5      | 0.6000 | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Selenium            |      | 1.0            |      | < 1.0      | 0.6000 | 0           | 0     | -100      | 100        | 02/20/2024    |  |
| Thallium            |      | 2.0            |      | < 2.0      | 0.9500 | 0           | 0     | -100      | 100        | 02/20/2024    |  |

| Batch 218873       |      | SampType: LCS |      | Units µg/L |       |             |       |           |            |               |  |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: LCS-218873 |      |               |      |            |       |             |       |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Antimony           |      | 1.0           | B    | 509        | 500.0 | 0           | 101.8 | 80        | 120        | 02/20/2024    |  |
| Arsenic            |      | 1.0           |      | 523        | 500.0 | 0           | 104.6 | 80        | 120        | 02/20/2024    |  |
| Barium             |      | 1.0           |      | 2190       | 2000  | 0           | 109.3 | 80        | 120        | 02/20/2024    |  |
| Beryllium          |      | 1.0           |      | 53.8       | 50.00 | 0           | 107.5 | 80        | 120        | 02/20/2024    |  |
| Boron              |      | 25.0          |      | 509        | 500.0 | 0           | 101.7 | 80        | 120        | 02/20/2024    |  |
| Cadmium            |      | 1.0           |      | 50.0       | 50.00 | 0           | 99.9  | 80        | 120        | 02/20/2024    |  |
| Chromium           |      | 1.5           |      | 193        | 200.0 | 0           | 96.4  | 80        | 120        | 02/20/2024    |  |
| Cobalt             |      | 1.0           |      | 493        | 500.0 | 0           | 98.6  | 80        | 120        | 02/20/2024    |  |
| Lead               |      | 1.0           |      | 518        | 500.0 | 0           | 103.6 | 80        | 120        | 02/20/2024    |  |
| Lithium            | *    | 3.0           |      | 505        | 500.0 | 0           | 101.0 | 80        | 120        | 02/20/2024    |  |
| Molybdenum         |      | 1.5           |      | 452        | 500.0 | 0           | 90.4  | 80        | 120        | 02/20/2024    |  |
| Selenium           |      | 1.0           |      | 508        | 500.0 | 0           | 101.6 | 80        | 120        | 02/20/2024    |  |
| Thallium           |      | 2.0           |      | 233        | 250.0 | 0           | 93.1  | 80        | 120        | 02/20/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218955 SampType: MBLK Units µg/L

SampID: MBLK-218955

| Analyses  | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|-----------|------|------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Aluminum  |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Antimony  |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Arsenic   |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Barium    |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Beryllium |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Boron     |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Cadmium   |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Chromium  |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Cobalt    |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Copper    |      | 1.0  |      | < 1.0  | 0.2980 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Iron      |      | 25.0 |      | < 25.0 | 11.50  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Lead      |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Lithium   | *    | 3.0  |      | < 3.0  | 1.450  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Manganese |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Nickel    |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Nickel    |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Selenium  |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/26/2024    |
| Silver    |      | 1.0  |      | < 1.0  | 0.1110 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Thallium  |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Vanadium  |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Zinc      |      | 15.0 |      | < 15.0 | 5.900  | 0           | 0    | -100      | 100        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218955 SampType: LCS Units µg/L

SampID: LCS-218955

| Analyses  | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|-----------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum  |      | 25.0 |      | 1790   | 2000  | 0           | 89.6  | 80        | 120        | 02/23/2024    |
| Antimony  |      | 1.0  |      | 494    | 500.0 | 0           | 98.8  | 80        | 120        | 02/23/2024    |
| Arsenic   |      | 1.0  |      | 523    | 500.0 | 0           | 104.5 | 80        | 120        | 02/23/2024    |
| Barium    |      | 1.0  |      | 2160   | 2000  | 0           | 107.8 | 80        | 120        | 02/23/2024    |
| Beryllium |      | 1.0  |      | 46.6   | 50.00 | 0           | 93.2  | 80        | 120        | 02/23/2024    |
| Boron     |      | 25.0 |      | 454    | 500.0 | 0           | 90.7  | 80        | 120        | 02/23/2024    |
| Cadmium   |      | 1.0  |      | 48.5   | 50.00 | 0           | 96.9  | 80        | 120        | 02/23/2024    |
| Chromium  |      | 1.5  |      | 194    | 200.0 | 0           | 96.8  | 80        | 120        | 02/23/2024    |
| Cobalt    |      | 1.0  |      | 486    | 500.0 | 0           | 97.2  | 80        | 120        | 02/23/2024    |
| Copper    |      | 1.0  |      | 256    | 250.0 | 0           | 102.5 | 80        | 120        | 02/26/2024    |
| Iron      |      | 25.0 |      | 1920   | 2000  | 0           | 96.2  | 80        | 120        | 02/23/2024    |
| Lead      |      | 1.0  |      | 497    | 500.0 | 0           | 99.4  | 80        | 120        | 02/23/2024    |
| Lithium   | *    | 3.0  |      | 441    | 500.0 | 0           | 88.2  | 80        | 120        | 02/23/2024    |
| Manganese |      | 2.0  |      | 497    | 500.0 | 0           | 99.4  | 80        | 120        | 02/23/2024    |
| Nickel    |      | 1.0  |      | 486    | 500.0 | 0           | 97.2  | 80        | 120        | 02/23/2024    |
| Nickel    |      | 1.0  |      | 500    | 500.0 | 0           | 100.0 | 80        | 120        | 02/26/2024    |
| Selenium  |      | 1.0  |      | 558    | 500.0 | 0           | 111.6 | 80        | 120        | 02/26/2024    |
| Silver    |      | 1.0  |      | 45.8   | 50.00 | 0           | 91.7  | 80        | 120        | 02/23/2024    |
| Thallium  |      | 2.0  |      | 232    | 250.0 | 0           | 92.8  | 80        | 120        | 02/23/2024    |
| Vanadium  |      | 5.0  |      | 481    | 500.0 | 0           | 96.2  | 80        | 120        | 02/23/2024    |
| Zinc      |      | 15.0 |      | 449    | 500.0 | 0           | 89.7  | 80        | 120        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218955 SampType: MS Units µg/L

SampleID: 24020001-045CMS

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>2640</b> | 2000  | 637.0       | 100.2 | 75        | 125        | 02/27/2024    |
| Antimony   |      | 1.0  |      | <b>496</b>  | 500.0 | 1.065       | 99.0  | 75        | 125        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | <b>546</b>  | 500.0 | 2.045       | 108.8 | 75        | 125        | 02/23/2024    |
| Barium     |      | 1.0  |      | <b>2220</b> | 2000  | 59.15       | 108.2 | 75        | 125        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | <b>48.9</b> | 50.00 | 0           | 97.7  | 75        | 125        | 02/23/2024    |
| Boron      |      | 25.0 |      | <b>545</b>  | 500.0 | 92.48       | 90.5  | 75        | 125        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | <b>48.0</b> | 50.00 | 0           | 96.1  | 75        | 125        | 02/23/2024    |
| Chromium   |      | 1.5  |      | <b>195</b>  | 200.0 | 3.788       | 95.5  | 75        | 125        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | <b>479</b>  | 500.0 | 0.9776      | 95.6  | 75        | 125        | 02/23/2024    |
| Copper     |      | 1.0  |      | <b>255</b>  | 250.0 | 1.669       | 101.5 | 75        | 125        | 02/27/2024    |
| Iron       |      | 25.0 |      | <b>3220</b> | 2000  | 1066        | 107.8 | 75        | 125        | 02/27/2024    |
| Lead       |      | 1.0  |      | <b>510</b>  | 500.0 | 1.185       | 101.8 | 75        | 125        | 02/23/2024    |
| Lithium    | *    | 3.0  |      | <b>464</b>  | 500.0 | 8.465       | 91.1  | 75        | 125        | 02/23/2024    |
| Manganese  |      | 2.0  |      | <b>661</b>  | 500.0 | 227.8       | 86.6  | 75        | 125        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | <b>509</b>  | 500.0 | 0.7531      | 101.7 | 75        | 125        | 02/27/2024    |
| Nickel     |      | 1.0  |      | <b>472</b>  | 500.0 | 4.004       | 93.6  | 75        | 125        | 02/23/2024    |
| Selenium   |      | 1.0  |      | <b>523</b>  | 500.0 | 0           | 104.6 | 75        | 125        | 02/27/2024    |
| Silver     |      | 1.0  |      | <b>44.7</b> | 50.00 | 0           | 89.3  | 75        | 125        | 02/23/2024    |
| Thallium   |      | 2.0  |      | <b>246</b>  | 250.0 | 0           | 98.5  | 75        | 125        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | <b>497</b>  | 500.0 | 3.550       | 98.6  | 75        | 125        | 02/23/2024    |
| Zinc       |      | 15.0 |      | <b>449</b>  | 500.0 | 7.383       | 88.2  | 75        | 125        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                      | SampType | MSD  |      | Units µg/L  |       |             |       | RPD Limit   |      | 20         | Date |
|----------------------------|----------|------|------|-------------|-------|-------------|-------|-------------|------|------------|------|
| SampleID: 24020001-045CMSD |          |      |      |             |       |             |       |             |      |            |      |
| Analyses                   | Cert     | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Analyzed   |      |
| Aluminum                   |          | 25.0 |      | <b>2590</b> | 2000  | 637.0       | 97.7  | 2641        | 1.95 | 02/27/2024 |      |
| Antimony                   |          | 1.0  |      | <b>493</b>  | 500.0 | 1.065       | 98.4  | 496.0       | 0.64 | 02/23/2024 |      |
| Arsenic                    |          | 1.0  |      | <b>530</b>  | 500.0 | 2.045       | 105.5 | 546.1       | 3.07 | 02/23/2024 |      |
| Barium                     |          | 1.0  |      | <b>2170</b> | 2000  | 59.15       | 105.8 | 2223        | 2.21 | 02/23/2024 |      |
| Beryllium                  |          | 1.0  |      | <b>47.6</b> | 50.00 | 0           | 95.3  | 48.85       | 2.49 | 02/23/2024 |      |
| Boron                      |          | 25.0 |      | <b>537</b>  | 500.0 | 92.48       | 88.9  | 544.8       | 1.46 | 02/23/2024 |      |
| Cadmium                    |          | 1.0  |      | <b>47.4</b> | 50.00 | 0           | 94.9  | 48.03       | 1.23 | 02/23/2024 |      |
| Chromium                   |          | 1.5  |      | <b>191</b>  | 200.0 | 3.788       | 93.7  | 194.7       | 1.81 | 02/23/2024 |      |
| Cobalt                     |          | 1.0  |      | <b>469</b>  | 500.0 | 0.9776      | 93.6  | 479.0       | 2.09 | 02/23/2024 |      |
| Copper                     |          | 1.0  |      | <b>255</b>  | 250.0 | 1.669       | 101.3 | 255.4       | 0.14 | 02/27/2024 |      |
| Iron                       |          | 25.0 |      | <b>3260</b> | 2000  | 1066        | 110.0 | 3221        | 1.36 | 02/27/2024 |      |
| Lead                       |          | 1.0  |      | <b>501</b>  | 500.0 | 1.185       | 99.9  | 510.1       | 1.90 | 02/23/2024 |      |
| Lithium                    | *        | 3.0  |      | <b>456</b>  | 500.0 | 8.465       | 89.6  | 464.1       | 1.68 | 02/23/2024 |      |
| Manganese                  |          | 2.0  |      | <b>649</b>  | 500.0 | 227.8       | 84.2  | 660.9       | 1.83 | 02/23/2024 |      |
| Molybdenum                 |          | 1.5  |      | <b>512</b>  | 500.0 | 0.7531      | 102.2 | 509.1       | 0.53 | 02/27/2024 |      |
| Nickel                     |          | 1.0  |      | <b>462</b>  | 500.0 | 4.004       | 91.5  | 472.0       | 2.22 | 02/23/2024 |      |
| Selenium                   |          | 1.0  |      | <b>531</b>  | 500.0 | 0           | 106.1 | 522.9       | 1.47 | 02/27/2024 |      |
| Silver                     |          | 1.0  |      | <b>44.1</b> | 50.00 | 0           | 88.3  | 44.66       | 1.16 | 02/23/2024 |      |
| Thallium                   |          | 2.0  |      | <b>240</b>  | 250.0 | 0           | 95.8  | 246.3       | 2.74 | 02/23/2024 |      |
| Vanadium                   |          | 5.0  |      | <b>487</b>  | 500.0 | 3.550       | 96.7  | 496.6       | 1.98 | 02/23/2024 |      |
| Zinc                       |          | 15.0 |      | <b>435</b>  | 500.0 | 7.383       | 85.4  | 448.6       | 3.18 | 02/23/2024 |      |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 218955 SampType: MS Units µg/L

SampID: 24020001-100CMS

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>1940</b> | 2000  | 226.9       | 85.9  | 75        | 125        | 02/23/2024    |
| Antimony   |      | 1.0  |      | <b>506</b>  | 500.0 | 0.7802      | 101.0 | 75        | 125        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | <b>553</b>  | 500.0 | 0.8503      | 110.5 | 75        | 125        | 02/23/2024    |
| Barium     |      | 1.0  |      | <b>2210</b> | 2000  | 46.88       | 107.9 | 75        | 125        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | <b>49.1</b> | 50.00 | 0           | 98.2  | 75        | 125        | 02/23/2024    |
| Boron      |      | 25.0 |      | <b>560</b>  | 500.0 | 129.3       | 86.1  | 75        | 125        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | <b>48.6</b> | 50.00 | 0           | 97.2  | 75        | 125        | 02/23/2024    |
| Chromium   |      | 1.5  |      | <b>193</b>  | 200.0 | 2.478       | 95.4  | 75        | 125        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | <b>500</b>  | 500.0 | 0.1752      | 99.9  | 75        | 125        | 02/27/2024    |
| Cobalt     |      | 1.0  |      | <b>476</b>  | 500.0 | 0.2522      | 95.1  | 75        | 125        | 02/23/2024    |
| Iron       |      | 25.0 |      | <b>2200</b> | 2000  | 330.7       | 93.3  | 75        | 125        | 02/23/2024    |
| Lead       |      | 1.0  |      | <b>512</b>  | 500.0 | 0           | 102.4 | 75        | 125        | 02/23/2024    |
| Lithium    | *    | 3.0  |      | <b>456</b>  | 500.0 | 7.805       | 89.6  | 75        | 125        | 02/23/2024    |
| Manganese  |      | 2.0  |      | <b>556</b>  | 500.0 | 94.88       | 92.3  | 75        | 125        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | <b>512</b>  | 500.0 | 0.8201      | 102.3 | 75        | 125        | 02/27/2024    |
| Nickel     |      | 1.0  |      | <b>470</b>  | 500.0 | 2.170       | 93.5  | 75        | 125        | 02/23/2024    |
| Selenium   |      | 1.0  |      | <b>534</b>  | 500.0 | 0           | 106.8 | 75        | 125        | 02/27/2024    |
| Silver     |      | 1.0  |      | <b>45.1</b> | 50.00 | 0           | 90.2  | 75        | 125        | 02/23/2024    |
| Thallium   |      | 2.0  |      | <b>242</b>  | 250.0 | 0           | 97.0  | 75        | 125        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | <b>494</b>  | 500.0 | 0           | 98.9  | 75        | 125        | 02/23/2024    |
| Zinc       |      | 15.0 |      | <b>528</b>  | 500.0 | 0           | 105.6 | 75        | 125        | 02/27/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                      | SampType | MSD  | Units µg/L |        |       |             | RPD Limit 20 |             |      |               |
|----------------------------|----------|------|------------|--------|-------|-------------|--------------|-------------|------|---------------|
| SampleID: 24020001-100CMSD |          |      |            |        |       |             |              |             |      |               |
| Analyses                   | Cert     | RL   | Qual       | Result | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Aluminum                   |          | 25.0 |            | 1860   | 2000  | 226.9       | 81.7         | 1944        | 4.35 | 02/23/2024    |
| Antimony                   |          | 1.0  |            | 499    | 500.0 | 0.7802      | 99.6         | 505.8       | 1.44 | 02/23/2024    |
| Arsenic                    |          | 1.0  |            | 538    | 500.0 | 0.8503      | 107.4        | 553.4       | 2.84 | 02/23/2024    |
| Barium                     |          | 1.0  |            | 2160   | 2000  | 46.88       | 105.9        | 2206        | 1.88 | 02/23/2024    |
| Beryllium                  |          | 1.0  |            | 46.4   | 50.00 | 0           | 92.9         | 49.12       | 5.61 | 02/23/2024    |
| Boron                      |          | 25.0 |            | 532    | 500.0 | 129.3       | 80.6         | 559.6       | 4.99 | 02/23/2024    |
| Cadmium                    |          | 1.0  |            | 48.0   | 50.00 | 0           | 96.0         | 48.60       | 1.20 | 02/23/2024    |
| Chromium                   |          | 1.5  |            | 186    | 200.0 | 2.478       | 91.9         | 193.2       | 3.64 | 02/23/2024    |
| Cobalt                     |          | 1.0  |            | 499    | 500.0 | 0.1752      | 99.8         | 499.7       | 0.10 | 02/27/2024    |
| Cobalt                     |          | 1.0  |            | 463    | 500.0 | 0.2522      | 92.6         | 475.5       | 2.62 | 02/23/2024    |
| Iron                       |          | 25.0 |            | 2120   | 2000  | 330.7       | 89.4         | 2196        | 3.56 | 02/23/2024    |
| Lead                       |          | 1.0  |            | 495    | 500.0 | 0           | 99.0         | 512.1       | 3.37 | 02/23/2024    |
| Lithium                    | *        | 3.0  |            | 441    | 500.0 | 7.805       | 86.7         | 455.8       | 3.27 | 02/23/2024    |
| Manganese                  |          | 2.0  |            | 536    | 500.0 | 94.88       | 88.3         | 556.2       | 3.61 | 02/23/2024    |
| Molybdenum                 |          | 1.5  |            | 519    | 500.0 | 0.8201      | 103.6        | 512.2       | 1.31 | 02/27/2024    |
| Nickel                     |          | 1.0  |            | 453    | 500.0 | 2.170       | 90.2         | 469.9       | 3.61 | 02/23/2024    |
| Selenium                   |          | 1.0  |            | 525    | 500.0 | 0           | 105.0        | 534.2       | 1.77 | 02/27/2024    |
| Silver                     |          | 1.0  |            | 44.5   | 50.00 | 0           | 89.1         | 45.08       | 1.18 | 02/23/2024    |
| Thallium                   |          | 2.0  |            | 235    | 250.0 | 0           | 94.1         | 242.5       | 2.99 | 02/23/2024    |
| Vanadium                   |          | 5.0  |            | 477    | 500.0 | 0           | 95.4         | 494.3       | 3.58 | 02/23/2024    |
| Zinc                       |          | 15.0 |            | 519    | 500.0 | 0           | 103.9        | 528.1       | 1.69 | 02/27/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219022 SampType: MBLK Units µg/L

SampID: MBLK-219022

| Analyses   | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|--------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0     | -100      | 100        | 02/23/2024    |
| Antimony   |      | 1.0  | S    | 1.2    | 0.4500 | 0           | 266.6 | -100      | 100        | 02/27/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0     | -100      | 100        | 02/28/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0     | -100      | 100        | 02/27/2024    |
| Cadmium    |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.2980 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Iron       |      | 25.0 |      | < 25.0 | 11.50  | 0           | 0     | -100      | 100        | 02/23/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Lithium    | *    | 3.0  |      | < 3.0  | 1.450  | 0           | 0     | -100      | 100        | 02/23/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0     | -100      | 100        | 02/27/2024    |
| Nickel     |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0     | -100      | 100        | 02/27/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1110 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0     | -100      | 100        | 02/23/2024    |
| Zinc       |      | 15.0 |      | < 15.0 | 5.900  | 0           | 0     | -100      | 100        | 02/27/2024    |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219022 SampType: LCS Units µg/L

SampID: LCS-219022

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>1800</b> | 2000  | 0           | 90.2  | 80        | 120        | 02/23/2024    |
| Antimony   |      | 1.0  | B    | <b>549</b>  | 500.0 | 0           | 109.8 | 80        | 120        | 02/27/2024    |
| Arsenic    |      | 1.0  |      | <b>532</b>  | 500.0 | 0           | 106.4 | 80        | 120        | 02/23/2024    |
| Barium     |      | 1.0  |      | <b>2170</b> | 2000  | 0           | 108.6 | 80        | 120        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | <b>49.4</b> | 50.00 | 0           | 98.9  | 80        | 120        | 02/23/2024    |
| Boron      |      | 25.0 |      | <b>535</b>  | 500.0 | 0           | 107.1 | 80        | 120        | 02/27/2024    |
| Cadmium    |      | 1.0  |      | <b>48.8</b> | 50.00 | 0           | 97.5  | 80        | 120        | 02/23/2024    |
| Chromium   |      | 1.5  |      | <b>197</b>  | 200.0 | 0           | 98.4  | 80        | 120        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | <b>480</b>  | 500.0 | 0           | 96.0  | 80        | 120        | 02/23/2024    |
| Copper     |      | 1.0  |      | <b>248</b>  | 250.0 | 0           | 99.2  | 80        | 120        | 02/23/2024    |
| Iron       |      | 25.0 |      | <b>1930</b> | 2000  | 0           | 96.4  | 80        | 120        | 02/23/2024    |
| Lead       |      | 1.0  |      | <b>499</b>  | 500.0 | 0           | 99.9  | 80        | 120        | 02/23/2024    |
| Lithium    | *    | 3.0  |      | <b>456</b>  | 500.0 | 0           | 91.2  | 80        | 120        | 02/23/2024    |
| Manganese  |      | 2.0  |      | <b>497</b>  | 500.0 | 0           | 99.3  | 80        | 120        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | <b>493</b>  | 500.0 | 0           | 98.5  | 80        | 120        | 02/27/2024    |
| Nickel     |      | 1.0  |      | <b>484</b>  | 500.0 | 0           | 96.7  | 80        | 120        | 02/23/2024    |
| Selenium   |      | 1.0  |      | <b>525</b>  | 500.0 | 0           | 105.0 | 80        | 120        | 02/27/2024    |
| Silver     |      | 1.0  |      | <b>45.9</b> | 50.00 | 0           | 91.8  | 80        | 120        | 02/23/2024    |
| Thallium   |      | 2.0  |      | <b>237</b>  | 250.0 | 0           | 94.6  | 80        | 120        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | <b>491</b>  | 500.0 | 0           | 98.3  | 80        | 120        | 02/23/2024    |
| Zinc       |      | 15.0 |      | <b>535</b>  | 500.0 | 0           | 106.9 | 80        | 120        | 02/27/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219022 SampType: MS Units µg/L

SampleID: 24020001-052CMS

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>2030</b> | 2000  | 195.4       | 91.9  | 75        | 125        | 02/23/2024    |
| Antimony   |      | 1.0  | B    | <b>539</b>  | 500.0 | 0           | 107.7 | 75        | 125        | 02/27/2024    |
| Arsenic    |      | 1.0  |      | <b>560</b>  | 500.0 | 0.8986      | 111.8 | 75        | 125        | 02/23/2024    |
| Barium     |      | 1.0  |      | <b>2320</b> | 2000  | 36.03       | 114.1 | 75        | 125        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | <b>47.3</b> | 50.00 | 0           | 94.7  | 75        | 125        | 02/23/2024    |
| Boron      |      | 25.0 |      | <b>4070</b> | 500.0 | 3555        | 103.6 | 75        | 125        | 02/27/2024    |
| Cadmium    |      | 1.0  |      | <b>49.1</b> | 50.00 | 0.2132      | 97.8  | 75        | 125        | 02/23/2024    |
| Chromium   |      | 1.5  |      | <b>194</b>  | 200.0 | 1.487       | 96.3  | 75        | 125        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | <b>479</b>  | 500.0 | 0.1900      | 95.8  | 75        | 125        | 02/23/2024    |
| Copper     |      | 1.0  |      | <b>233</b>  | 250.0 | 1.757       | 92.3  | 75        | 125        | 02/23/2024    |
| Iron       |      | 25.0 |      | <b>2190</b> | 2000  | 214.4       | 98.7  | 75        | 125        | 02/23/2024    |
| Lead       |      | 1.0  |      | <b>529</b>  | 500.0 | 0           | 105.9 | 75        | 125        | 02/23/2024    |
| Lithium    | *    | 3.0  |      | <b>479</b>  | 500.0 | 14.11       | 92.9  | 75        | 125        | 02/23/2024    |
| Manganese  |      | 2.0  |      | <b>599</b>  | 500.0 | 122.8       | 95.2  | 75        | 125        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | <b>526</b>  | 500.0 | 0.6103      | 105.0 | 75        | 125        | 02/27/2024    |
| Nickel     |      | 1.0  |      | <b>471</b>  | 500.0 | 10.15       | 92.2  | 75        | 125        | 02/23/2024    |
| Selenium   |      | 1.0  |      | <b>534</b>  | 500.0 | 1.083       | 106.6 | 75        | 125        | 02/27/2024    |
| Silver     |      | 1.0  |      | <b>44.7</b> | 50.00 | 0           | 89.4  | 75        | 125        | 02/23/2024    |
| Thallium   |      | 2.0  |      | <b>257</b>  | 250.0 | 0           | 102.7 | 75        | 125        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | <b>503</b>  | 500.0 | 0           | 100.6 | 75        | 125        | 02/23/2024    |
| Zinc       |      | 15.0 |      | <b>504</b>  | 500.0 | 6.333       | 99.5  | 75        | 125        | 02/27/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                      | SampType | MSD  |      | Units µg/L  |       |             |       | RPD Limit   |      | 20         | Date Analyzed |
|----------------------------|----------|------|------|-------------|-------|-------------|-------|-------------|------|------------|---------------|
| SampleID: 24020001-052CMSD |          |      |      |             |       |             |       |             |      |            |               |
| Analyses                   | Cert     | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD |            |               |
| Aluminum                   |          | 25.0 |      | <b>2020</b> | 2000  | 195.4       | 91.0  | 2033        | 0.87 | 02/23/2024 |               |
| Antimony                   |          | 1.0  | B    | <b>564</b>  | 500.0 | 0           | 112.7 | 538.6       | 4.56 | 02/27/2024 |               |
| Arsenic                    |          | 1.0  |      | <b>548</b>  | 500.0 | 0.8986      | 109.5 | 560.1       | 2.14 | 02/23/2024 |               |
| Barium                     |          | 1.0  |      | <b>2230</b> | 2000  | 36.03       | 109.5 | 2318        | 4.05 | 02/23/2024 |               |
| Beryllium                  |          | 1.0  |      | <b>46.2</b> | 50.00 | 0           | 92.3  | 47.35       | 2.55 | 02/23/2024 |               |
| Boron                      |          | 25.0 |      | <b>4150</b> | 500.0 | 3555        | 118.3 | 4074        | 1.79 | 02/27/2024 |               |
| Cadmium                    |          | 1.0  |      | <b>46.6</b> | 50.00 | 0.2132      | 92.8  | 49.11       | 5.25 | 02/23/2024 |               |
| Chromium                   |          | 1.5  |      | <b>189</b>  | 200.0 | 1.487       | 93.6  | 194.2       | 2.90 | 02/23/2024 |               |
| Cobalt                     |          | 1.0  |      | <b>472</b>  | 500.0 | 0.1900      | 94.4  | 479.0       | 1.44 | 02/23/2024 |               |
| Copper                     |          | 1.0  |      | <b>226</b>  | 250.0 | 1.757       | 89.7  | 232.6       | 2.84 | 02/23/2024 |               |
| Iron                       |          | 25.0 |      | <b>2150</b> | 2000  | 214.4       | 96.8  | 2189        | 1.72 | 02/23/2024 |               |
| Lead                       |          | 1.0  |      | <b>516</b>  | 500.0 | 0           | 103.1 | 529.3       | 2.64 | 02/23/2024 |               |
| Lithium                    | *        | 3.0  |      | <b>448</b>  | 500.0 | 14.11       | 86.8  | 478.7       | 6.60 | 02/23/2024 |               |
| Manganese                  |          | 2.0  |      | <b>590</b>  | 500.0 | 122.8       | 93.4  | 598.5       | 1.45 | 02/23/2024 |               |
| Molybdenum                 |          | 1.5  |      | <b>551</b>  | 500.0 | 0.6103      | 110.2 | 525.7       | 4.77 | 02/27/2024 |               |
| Nickel                     |          | 1.0  |      | <b>459</b>  | 500.0 | 10.15       | 89.8  | 471.0       | 2.54 | 02/23/2024 |               |
| Selenium                   |          | 1.0  |      | <b>549</b>  | 500.0 | 1.083       | 109.5 | 534.3       | 2.64 | 02/27/2024 |               |
| Silver                     |          | 1.0  |      | <b>42.7</b> | 50.00 | 0           | 85.5  | 44.70       | 4.51 | 02/23/2024 |               |
| Thallium                   |          | 2.0  |      | <b>252</b>  | 250.0 | 0           | 100.7 | 256.8       | 1.95 | 02/23/2024 |               |
| Vanadium                   |          | 5.0  |      | <b>492</b>  | 500.0 | 0           | 98.4  | 503.1       | 2.23 | 02/23/2024 |               |
| Zinc                       |          | 15.0 |      | <b>507</b>  | 500.0 | 6.333       | 100.1 | 503.8       | 0.63 | 02/27/2024 |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219022            |      | SampType: MS |      | Units µg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-079BMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Antimony                |      | 1.0          | B    | 560        | 500.0 | 0           | 112.0 | 75        | 125        | 02/27/2024    |               |
| Arsenic                 |      | 1.0          |      | 564        | 500.0 | 0           | 112.9 | 75        | 125        | 02/24/2024    |               |
| Barium                  |      | 1.0          |      | 2280       | 2000  | 11.82       | 113.4 | 75        | 125        | 02/24/2024    |               |
| Beryllium               |      | 1.0          |      | 46.8       | 50.00 | 0           | 93.6  | 75        | 125        | 02/24/2024    |               |
| Boron                   |      | 25.0         |      | 613        | 500.0 | 94.90       | 103.6 | 75        | 125        | 02/27/2024    |               |
| Cadmium                 |      | 1.0          |      | 49.2       | 50.00 | 0           | 98.4  | 75        | 125        | 02/24/2024    |               |
| Chromium                |      | 1.5          |      | 196        | 200.0 | 1.774       | 97.2  | 75        | 125        | 02/24/2024    |               |
| Cobalt                  |      | 1.0          |      | 479        | 500.0 | 0.4253      | 95.8  | 75        | 125        | 02/24/2024    |               |
| Lead                    |      | 1.0          |      | 513        | 500.0 | 0           | 102.7 | 75        | 125        | 02/24/2024    |               |
| Lithium                 | *    | 3.0          |      | 477        | 500.0 | 36.01       | 88.3  | 75        | 125        | 02/24/2024    |               |
| Molybdenum              |      | 1.5          |      | 535        | 500.0 | 1.363       | 106.8 | 75        | 125        | 02/27/2024    |               |
| Selenium                |      | 1.0          |      | 545        | 500.0 | 0           | 109.0 | 75        | 125        | 02/27/2024    |               |
| Thallium                |      | 2.0          |      | 247        | 250.0 | 0           | 98.8  | 75        | 125        | 02/24/2024    |               |

| Batch 219022             |      | SampType: MSD |      | Units µg/L |       |             |       |             |      |               | RPD Limit 20 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-079BMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Antimony                 |      | 1.0           | B    | 556        | 500.0 | 0           | 111.1 | 560.0       | 0.77 | 02/27/2024    |              |               |
| Arsenic                  |      | 1.0           |      | 548        | 500.0 | 0           | 109.7 | 564.4       | 2.86 | 02/24/2024    |              |               |
| Barium                   |      | 1.0           |      | 2170       | 2000  | 11.82       | 108.1 | 2279        | 4.72 | 02/24/2024    |              |               |
| Beryllium                |      | 1.0           |      | 45.6       | 50.00 | 0           | 91.2  | 46.80       | 2.60 | 02/24/2024    |              |               |
| Boron                    |      | 25.0          |      | 605        | 500.0 | 94.90       | 101.9 | 612.9       | 1.35 | 02/27/2024    |              |               |
| Cadmium                  |      | 1.0           |      | 46.8       | 50.00 | 0           | 93.5  | 49.18       | 5.05 | 02/24/2024    |              |               |
| Chromium                 |      | 1.5           |      | 192        | 200.0 | 1.774       | 94.9  | 196.3       | 2.42 | 02/24/2024    |              |               |
| Cobalt                   |      | 1.0           |      | 473        | 500.0 | 0.4253      | 94.5  | 479.3       | 1.38 | 02/24/2024    |              |               |
| Lead                     |      | 1.0           |      | 507        | 500.0 | 0           | 101.3 | 513.5       | 1.35 | 02/24/2024    |              |               |
| Lithium                  | *    | 3.0           |      | 462        | 500.0 | 36.01       | 85.1  | 477.5       | 3.38 | 02/24/2024    |              |               |
| Molybdenum               |      | 1.5           |      | 528        | 500.0 | 1.363       | 105.3 | 535.5       | 1.47 | 02/27/2024    |              |               |
| Selenium                 |      | 1.0           |      | 531        | 500.0 | 0           | 106.2 | 544.9       | 2.57 | 02/27/2024    |              |               |
| Thallium                 |      | 2.0           |      | 242        | 250.0 | 0           | 96.9  | 247.1       | 2.00 | 02/24/2024    |              |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219043 SampType: MBLK Units µg/L

SampID: MBLK-219043

| Analyses   | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|--------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0     | -100      | 100        | 02/23/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0     | -100      | 100        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Calcium    |      | 125  |      | < 125  | 70.00  | 0           | 0     | -100      | 100        | 02/26/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.2980 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Iron       |      | 25.0 | S    | 65.7   | 11.50  | 0           | 571.1 | -100      | 100        | 02/26/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Lithium    | *    | 3.0  |      | < 3.0  | 1.450  | 0           | 0     | -100      | 100        | 02/23/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Nickel     |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1110 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0     | -100      | 100        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0     | -100      | 100        | 02/23/2024    |
| Zinc       |      | 15.0 |      | < 15.0 | 5.900  | 0           | 0     | -100      | 100        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219043 SampType: LCS Units µg/L

SampID: LCS-219043

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>1810</b> | 2000  | 0           | 90.7  | 80        | 120        | 02/23/2024    |
| Antimony   |      | 1.0  |      | <b>492</b>  | 500.0 | 0           | 98.5  | 80        | 120        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | <b>507</b>  | 500.0 | 0           | 101.3 | 80        | 120        | 02/23/2024    |
| Barium     |      | 1.0  |      | <b>1930</b> | 2000  | 0           | 96.7  | 80        | 120        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | <b>46.5</b> | 50.00 | 0           | 92.9  | 80        | 120        | 02/23/2024    |
| Boron      |      | 25.0 |      | <b>457</b>  | 500.0 | 0           | 91.5  | 80        | 120        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | <b>46.7</b> | 50.00 | 0           | 93.5  | 80        | 120        | 02/23/2024    |
| Calcium    |      | 125  |      | <b>2750</b> | 2500  | 0           | 109.8 | 80        | 120        | 02/26/2024    |
| Chromium   |      | 1.5  |      | <b>183</b>  | 200.0 | 0           | 91.5  | 80        | 120        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | <b>460</b>  | 500.0 | 0           | 92.1  | 80        | 120        | 02/23/2024    |
| Copper     |      | 1.0  |      | <b>238</b>  | 250.0 | 0           | 95.4  | 80        | 120        | 02/23/2024    |
| Iron       |      | 25.0 | B    | <b>2200</b> | 2000  | 0           | 110.1 | 80        | 120        | 02/26/2024    |
| Lead       |      | 1.0  |      | <b>466</b>  | 500.0 | 0           | 93.3  | 80        | 120        | 02/23/2024    |
| Lithium    | *    | 3.0  |      | <b>436</b>  | 500.0 | 0           | 87.2  | 80        | 120        | 02/23/2024    |
| Manganese  |      | 2.0  |      | <b>469</b>  | 500.0 | 0           | 93.8  | 80        | 120        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | <b>446</b>  | 500.0 | 0           | 89.2  | 80        | 120        | 02/23/2024    |
| Nickel     |      | 1.0  |      | <b>462</b>  | 500.0 | 0           | 92.5  | 80        | 120        | 02/23/2024    |
| Selenium   |      | 1.0  |      | <b>495</b>  | 500.0 | 0           | 99.1  | 80        | 120        | 02/23/2024    |
| Silver     |      | 1.0  |      | <b>48.8</b> | 50.00 | 0           | 97.6  | 80        | 120        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | <b>461</b>  | 500.0 | 0           | 92.2  | 80        | 120        | 02/23/2024    |
| Zinc       |      | 15.0 |      | <b>480</b>  | 500.0 | 0           | 96.0  | 80        | 120        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219043            |      | SampType: MS |      | Units µg/L  |       |             |       |           |            |               |
|-------------------------|------|--------------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| SampID: 24020001-060BMS |      |              |      |             |       |             |       |           |            |               |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
| Antimony                |      | 1.0          |      | <b>501</b>  | 500.0 | 0           | 100.2 | 75        | 125        | 02/23/2024    |
| Arsenic                 |      | 1.0          |      | <b>516</b>  | 500.0 | 1.193       | 103.0 | 75        | 125        | 02/23/2024    |
| Barium                  |      | 1.0          |      | <b>1950</b> | 2000  | 15.56       | 96.6  | 75        | 125        | 02/23/2024    |
| Beryllium               |      | 1.0          |      | <b>48.4</b> | 50.00 | 0           | 96.9  | 75        | 125        | 02/23/2024    |
| Boron                   |      | 25.0         |      | <b>2820</b> | 500.0 | 2278        | 107.3 | 75        | 125        | 02/27/2024    |
| Cadmium                 |      | 1.0          |      | <b>47.1</b> | 50.00 | 0           | 94.1  | 75        | 125        | 02/23/2024    |
| Chromium                |      | 1.5          |      | <b>181</b>  | 200.0 | 0           | 90.3  | 75        | 125        | 02/23/2024    |
| Cobalt                  |      | 1.0          |      | <b>444</b>  | 500.0 | 1.078       | 88.5  | 75        | 125        | 02/23/2024    |
| Lead                    |      | 1.0          |      | <b>515</b>  | 500.0 | 0           | 103.0 | 75        | 125        | 02/27/2024    |
| Lithium                 | *    | 3.0          |      | <b>482</b>  | 500.0 | 28.84       | 90.6  | 75        | 125        | 02/23/2024    |
| Molybdenum              |      | 1.5          |      | <b>443</b>  | 500.0 | 1.932       | 88.2  | 75        | 125        | 02/23/2024    |
| Selenium                |      | 1.0          |      | <b>483</b>  | 500.0 | 0           | 96.6  | 75        | 125        | 02/23/2024    |
| Thallium                |      | 2.0          |      | <b>259</b>  | 250.0 | 0           | 103.6 | 75        | 125        | 02/26/2024    |

| Batch 219043             |      | SampType: MSD |      | Units µg/L  |       | RPD Limit 20 |       |             |       |               |
|--------------------------|------|---------------|------|-------------|-------|--------------|-------|-------------|-------|---------------|
| SampID: 24020001-060BMSD |      |               |      |             |       |              |       |             |       |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val  | %REC  | RPD Ref Val | %RPD  | Date Analyzed |
| Antimony                 |      | 1.0           |      | <b>513</b>  | 500.0 | 0            | 102.6 | 501.0       | 2.33  | 02/23/2024    |
| Arsenic                  |      | 1.0           |      | <b>512</b>  | 500.0 | 1.193        | 102.2 | 516.3       | 0.82  | 02/23/2024    |
| Barium                   |      | 1.0           |      | <b>1980</b> | 2000  | 15.56        | 98.0  | 1948        | 1.40  | 02/23/2024    |
| Beryllium                |      | 1.0           |      | <b>49.4</b> | 50.00 | 0            | 98.7  | 48.43       | 1.91  | 02/23/2024    |
| Boron                    |      | 25.0          | S    | <b>3290</b> | 500.0 | 2278         | 201.6 | 2815        | 15.45 | 02/27/2024    |
| Cadmium                  |      | 1.0           |      | <b>48.7</b> | 50.00 | 0            | 97.5  | 47.06       | 3.51  | 02/23/2024    |
| Chromium                 |      | 1.5           |      | <b>181</b>  | 200.0 | 0            | 90.7  | 180.6       | 0.43  | 02/23/2024    |
| Cobalt                   |      | 1.0           |      | <b>447</b>  | 500.0 | 1.078        | 89.1  | 443.6       | 0.70  | 02/23/2024    |
| Lead                     |      | 1.0           |      | <b>593</b>  | 500.0 | 0            | 118.6 | 515.2       | 14.00 | 02/27/2024    |
| Lithium                  | *    | 3.0           |      | <b>489</b>  | 500.0 | 28.84        | 92.1  | 482.0       | 1.53  | 02/23/2024    |
| Molybdenum               |      | 1.5           |      | <b>452</b>  | 500.0 | 1.932        | 90.1  | 442.9       | 2.12  | 02/23/2024    |
| Selenium                 |      | 1.0           |      | <b>490</b>  | 500.0 | 0            | 98.1  | 483.2       | 1.45  | 02/23/2024    |
| Thallium                 |      | 2.0           |      | <b>250</b>  | 250.0 | 0            | 99.8  | 259.0       | 3.70  | 02/26/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219043 SampType: MS Units µg/L

SampleID: 24020001-097CMS

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>1830</b> | 2000  | 26.37       | 90.3  | 75        | 125        | 02/23/2024    |
| Antimony   |      | 1.0  |      | <b>490</b>  | 500.0 | 0.6745      | 98.0  | 75        | 125        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | <b>527</b>  | 500.0 | 1.060       | 105.2 | 75        | 125        | 02/23/2024    |
| Barium     |      | 1.0  |      | <b>1920</b> | 2000  | 2.540       | 96.0  | 75        | 125        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | <b>49.3</b> | 50.00 | 0           | 98.5  | 75        | 125        | 02/23/2024    |
| Boron      |      | 25.0 |      | <b>510</b>  | 500.0 | 15.39       | 98.9  | 75        | 125        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | <b>49.5</b> | 50.00 | 0.4602      | 98.1  | 75        | 125        | 02/23/2024    |
| Chromium   |      | 1.5  |      | <b>191</b>  | 200.0 | 1.870       | 94.8  | 75        | 125        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | <b>477</b>  | 500.0 | 0.5194      | 95.3  | 75        | 125        | 02/23/2024    |
| Copper     |      | 1.0  |      | <b>246</b>  | 250.0 | 2.057       | 97.8  | 75        | 125        | 02/23/2024    |
| Iron       |      | 25.0 | B    | <b>2220</b> | 2000  | 15.19       | 110.0 | 75        | 125        | 02/26/2024    |
| Lithium    | *    | 3.0  |      | <b>471</b>  | 500.0 | 0           | 94.3  | 75        | 125        | 02/23/2024    |
| Manganese  |      | 2.0  |      | <b>483</b>  | 500.0 | 1.282       | 96.3  | 75        | 125        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | <b>470</b>  | 500.0 | 0.8724      | 93.8  | 75        | 125        | 02/23/2024    |
| Selenium   |      | 1.0  |      | <b>502</b>  | 500.0 | 0           | 100.5 | 75        | 125        | 02/23/2024    |
| Silver     |      | 1.0  |      | <b>48.6</b> | 50.00 | 0.1068      | 97.0  | 75        | 125        | 02/23/2024    |
| Thallium   |      | 2.0  |      | <b>237</b>  | 250.0 | 1.200       | 94.3  | 75        | 125        | 02/26/2024    |
| Vanadium   |      | 5.0  |      | <b>472</b>  | 500.0 | 0           | 94.4  | 75        | 125        | 02/23/2024    |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                    | SampType | MSD  |      | Units µg/L |       |             |       | RPD Limit   |      | 20         | Date |
|--------------------------|----------|------|------|------------|-------|-------------|-------|-------------|------|------------|------|
| SampID: 24020001-097CMSD |          |      |      |            |       |             |       |             |      |            |      |
| Analyses                 | Cert     | RL   | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Analyzed   |      |
| Aluminum                 |          | 25.0 |      | 1820       | 2000  | 26.37       | 89.5  | 1832        | 0.87 | 02/23/2024 |      |
| Antimony                 |          | 1.0  |      | 496        | 500.0 | 0.6745      | 99.1  | 490.5       | 1.12 | 02/23/2024 |      |
| Arsenic                  |          | 1.0  |      | 523        | 500.0 | 1.060       | 104.3 | 527.2       | 0.88 | 02/23/2024 |      |
| Barium                   |          | 1.0  |      | 1960       | 2000  | 2.540       | 97.7  | 1923        | 1.74 | 02/23/2024 |      |
| Beryllium                |          | 1.0  |      | 49.5       | 50.00 | 0           | 99.0  | 49.26       | 0.47 | 02/23/2024 |      |
| Boron                    |          | 25.0 |      | 475        | 500.0 | 15.39       | 91.9  | 509.7       | 7.11 | 02/23/2024 |      |
| Cadmium                  |          | 1.0  |      | 47.5       | 50.00 | 0.4602      | 94.1  | 49.50       | 4.13 | 02/23/2024 |      |
| Chromium                 |          | 1.5  |      | 185        | 200.0 | 1.870       | 91.5  | 191.4       | 3.48 | 02/23/2024 |      |
| Cobalt                   |          | 1.0  |      | 471        | 500.0 | 0.5194      | 94.0  | 477.1       | 1.37 | 02/23/2024 |      |
| Copper                   |          | 1.0  |      | 245        | 250.0 | 2.057       | 97.3  | 246.5       | 0.53 | 02/23/2024 |      |
| Iron                     |          | 25.0 | B    | 2090       | 2000  | 15.19       | 103.7 | 2215        | 5.87 | 02/26/2024 |      |
| Lithium                  | *        | 3.0  |      | 463        | 500.0 | 0           | 92.5  | 471.4       | 1.89 | 02/23/2024 |      |
| Manganese                |          | 2.0  |      | 481        | 500.0 | 1.282       | 96.0  | 483.0       | 0.38 | 02/23/2024 |      |
| Molybdenum               |          | 1.5  |      | 454        | 500.0 | 0.8724      | 90.7  | 470.1       | 3.42 | 02/23/2024 |      |
| Selenium                 |          | 1.0  |      | 505        | 500.0 | 0           | 101.1 | 502.5       | 0.60 | 02/23/2024 |      |
| Silver                   |          | 1.0  |      | 49.0       | 50.00 | 0.1068      | 97.8  | 48.62       | 0.83 | 02/23/2024 |      |
| Thallium                 |          | 2.0  |      | 240        | 250.0 | 1.200       | 95.3  | 237.0       | 1.09 | 02/26/2024 |      |
| Vanadium                 |          | 5.0  |      | 466        | 500.0 | 0           | 93.2  | 472.1       | 1.33 | 02/23/2024 |      |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219043 SampType: MS Units µg/L

SampleID: 24020001-099CMS

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>2610</b> | 2000  | 622.2       | 99.5  | 75        | 125        | 02/24/2024    |
| Antimony   |      | 1.0  |      | <b>554</b>  | 500.0 | 0.7012      | 110.7 | 75        | 125        | 02/24/2024    |
| Arsenic    |      | 1.0  |      | <b>578</b>  | 500.0 | 0.9453      | 115.5 | 75        | 125        | 02/24/2024    |
| Barium     |      | 1.0  |      | <b>2200</b> | 2000  | 56.51       | 107.1 | 75        | 125        | 02/24/2024    |
| Beryllium  |      | 1.0  |      | <b>54.6</b> | 50.00 | 0           | 109.2 | 75        | 125        | 02/24/2024    |
| Boron      |      | 25.0 |      | <b>522</b>  | 500.0 | 0           | 104.3 | 75        | 125        | 02/24/2024    |
| Cadmium    |      | 1.0  |      | <b>53.4</b> | 50.00 | 0           | 106.8 | 75        | 125        | 02/24/2024    |
| Chromium   |      | 1.5  |      | <b>206</b>  | 200.0 | 2.144       | 101.9 | 75        | 125        | 02/26/2024    |
| Cobalt     |      | 1.0  |      | <b>505</b>  | 500.0 | 0.6345      | 100.8 | 75        | 125        | 02/24/2024    |
| Copper     |      | 1.0  |      | <b>261</b>  | 250.0 | 1.091       | 103.8 | 75        | 125        | 02/26/2024    |
| Iron       |      | 25.0 | B    | <b>2790</b> | 2000  | 804.0       | 99.2  | 75        | 125        | 02/26/2024    |
| Lead       |      | 1.0  |      | <b>548</b>  | 500.0 | 1.124       | 109.4 | 75        | 125        | 02/24/2024    |
| Lithium    | *    | 3.0  |      | <b>501</b>  | 500.0 | 5.982       | 99.1  | 75        | 125        | 02/24/2024    |
| Manganese  |      | 2.0  |      | <b>645</b>  | 500.0 | 173.6       | 94.3  | 75        | 125        | 02/24/2024    |
| Molybdenum |      | 1.5  |      | <b>488</b>  | 500.0 | 0.6175      | 97.5  | 75        | 125        | 02/24/2024    |
| Nickel     |      | 1.0  |      | <b>503</b>  | 500.0 | 1.369       | 100.3 | 75        | 125        | 02/24/2024    |
| Selenium   |      | 1.0  |      | <b>529</b>  | 500.0 | 2.047       | 105.4 | 75        | 125        | 02/26/2024    |
| Silver     |      | 1.0  |      | <b>50.6</b> | 50.00 | 0           | 101.2 | 75        | 125        | 02/24/2024    |
| Thallium   |      | 2.0  |      | <b>252</b>  | 250.0 | 0           | 100.8 | 75        | 125        | 02/26/2024    |
| Vanadium   |      | 5.0  |      | <b>515</b>  | 500.0 | 0           | 102.9 | 75        | 125        | 02/24/2024    |
| Zinc       |      | 15.0 |      | <b>533</b>  | 500.0 | 7.417       | 105.1 | 75        | 125        | 02/24/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch      | SampType | MSD  |      | Units µg/L  |       |             |       | RPD Limit   |       | 20         | Date |
|------------|----------|------|------|-------------|-------|-------------|-------|-------------|-------|------------|------|
| Analyses   | Cert     | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD  | Analyzed   |      |
| Aluminum   |          | 25.0 |      | <b>2350</b> | 2000  | 622.2       | 86.5  | 2613        | 10.50 | 02/24/2024 |      |
| Antimony   |          | 1.0  |      | <b>476</b>  | 500.0 | 0.7012      | 95.0  | 554.0       | 15.24 | 02/24/2024 |      |
| Arsenic    |          | 1.0  |      | <b>515</b>  | 500.0 | 0.9453      | 102.8 | 578.3       | 11.60 | 02/24/2024 |      |
| Barium     |          | 1.0  |      | <b>1930</b> | 2000  | 56.51       | 93.7  | 2199        | 12.98 | 02/24/2024 |      |
| Beryllium  |          | 1.0  |      | <b>47.8</b> | 50.00 | 0           | 95.6  | 54.59       | 13.31 | 02/24/2024 |      |
| Boron      |          | 25.0 |      | <b>457</b>  | 500.0 | 0           | 91.4  | 521.6       | 13.26 | 02/24/2024 |      |
| Cadmium    |          | 1.0  |      | <b>46.1</b> | 50.00 | 0           | 92.2  | 53.40       | 14.71 | 02/24/2024 |      |
| Chromium   |          | 1.5  |      | <b>206</b>  | 200.0 | 2.144       | 102.0 | 206.0       | 0.05  | 02/26/2024 |      |
| Cobalt     |          | 1.0  |      | <b>437</b>  | 500.0 | 0.6345      | 87.3  | 504.7       | 14.30 | 02/24/2024 |      |
| Copper     |          | 1.0  |      | <b>252</b>  | 250.0 | 1.091       | 100.5 | 260.6       | 3.21  | 02/26/2024 |      |
| Iron       |          | 25.0 | B    | <b>2960</b> | 2000  | 804.0       | 107.6 | 2788        | 5.85  | 02/26/2024 |      |
| Lead       |          | 1.0  |      | <b>466</b>  | 500.0 | 1.124       | 92.9  | 548.1       | 16.26 | 02/24/2024 |      |
| Lithium    | *        | 3.0  |      | <b>442</b>  | 500.0 | 5.982       | 87.2  | 501.2       | 12.58 | 02/24/2024 |      |
| Manganese  |          | 2.0  |      | <b>581</b>  | 500.0 | 173.6       | 81.5  | 644.9       | 10.38 | 02/24/2024 |      |
| Molybdenum |          | 1.5  |      | <b>444</b>  | 500.0 | 0.6175      | 88.7  | 488.1       | 9.46  | 02/24/2024 |      |
| Nickel     |          | 1.0  |      | <b>470</b>  | 500.0 | 1.369       | 93.6  | 502.7       | 6.81  | 02/24/2024 |      |
| Selenium   |          | 1.0  |      | <b>524</b>  | 500.0 | 2.047       | 104.5 | 528.9       | 0.86  | 02/26/2024 |      |
| Silver     |          | 1.0  |      | <b>48.1</b> | 50.00 | 0           | 96.1  | 50.58       | 5.10  | 02/24/2024 |      |
| Thallium   |          | 2.0  |      | <b>258</b>  | 250.0 | 0           | 103.3 | 252.0       | 2.49  | 02/26/2024 |      |
| Vanadium   |          | 5.0  |      | <b>464</b>  | 500.0 | 0           | 92.8  | 514.6       | 10.31 | 02/24/2024 |      |
| Zinc       |          | 15.0 |      | <b>473</b>  | 500.0 | 7.417       | 93.2  | 533.1       | 11.89 | 02/24/2024 |      |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219088 SampType: MBLK Units µg/L

SampID: MBLK-219088

| Analyses   | Cert | RL   | Qual | Result | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|--------|-------------|------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | < 25.0 | 12.50  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Antimony   |      | 1.0  |      | < 1.0  | 0.4500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | < 1.0  | 0.3750 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Barium     |      | 1.0  |      | < 1.0  | 0.7000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | < 1.0  | 0.2500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Boron      |      | 25.0 |      | < 25.0 | 9.250  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | < 1.0  | 0.1340 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Chromium   |      | 1.5  |      | < 1.5  | 0.7000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | < 1.0  | 0.1150 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Copper     |      | 1.0  |      | < 1.0  | 0.2980 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Iron       |      | 25.0 |      | < 25.0 | 11.50  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Lead       |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Lithium    | *    | 3.0  |      | < 3.0  | 1.450  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Manganese  |      | 2.0  |      | < 2.0  | 0.7500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | < 1.5  | 0.6000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Nickel     |      | 1.0  |      | < 1.0  | 0.4300 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Selenium   |      | 1.0  |      | < 1.0  | 0.6000 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Silver     |      | 1.0  |      | < 1.0  | 0.1110 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Thallium   |      | 2.0  |      | < 2.0  | 0.9500 | 0           | 0    | -100      | 100        | 02/23/2024    |
| Vanadium   |      | 5.0  |      | < 5.0  | 5.000  | 0           | 0    | -100      | 100        | 02/23/2024    |
| Zinc       |      | 15.0 |      | < 15.0 | 5.900  | 0           | 0    | -100      | 100        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219088 SampType: LCS Units µg/L

SampID: LCS-219088

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>1870</b> | 2000  | 0           | 93.4  | 80        | 120        | 02/23/2024    |
| Antimony   |      | 1.0  |      | <b>493</b>  | 500.0 | 0           | 98.7  | 80        | 120        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | <b>508</b>  | 500.0 | 0           | 101.7 | 80        | 120        | 02/23/2024    |
| Barium     |      | 1.0  |      | <b>1970</b> | 2000  | 0           | 98.3  | 80        | 120        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | <b>46.8</b> | 50.00 | 0           | 93.5  | 80        | 120        | 02/23/2024    |
| Boron      |      | 25.0 |      | <b>447</b>  | 500.0 | 0           | 89.4  | 80        | 120        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | <b>47.8</b> | 50.00 | 0           | 95.6  | 80        | 120        | 02/23/2024    |
| Chromium   |      | 1.5  |      | <b>180</b>  | 200.0 | 0           | 90.1  | 80        | 120        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | <b>460</b>  | 500.0 | 0           | 92.0  | 80        | 120        | 02/23/2024    |
| Copper     |      | 1.0  |      | <b>236</b>  | 250.0 | 0           | 94.5  | 80        | 120        | 02/23/2024    |
| Iron       |      | 25.0 |      | <b>1860</b> | 2000  | 0           | 92.8  | 80        | 120        | 02/23/2024    |
| Lead       |      | 1.0  |      | <b>483</b>  | 500.0 | 0           | 96.6  | 80        | 120        | 02/23/2024    |
| Lithium    | *    | 3.0  |      | <b>442</b>  | 500.0 | 0           | 88.5  | 80        | 120        | 02/23/2024    |
| Manganese  |      | 2.0  |      | <b>470</b>  | 500.0 | 0           | 94.1  | 80        | 120        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | <b>451</b>  | 500.0 | 0           | 90.3  | 80        | 120        | 02/23/2024    |
| Nickel     |      | 1.0  |      | <b>454</b>  | 500.0 | 0           | 90.7  | 80        | 120        | 02/23/2024    |
| Selenium   |      | 1.0  |      | <b>501</b>  | 500.0 | 0           | 100.3 | 80        | 120        | 02/23/2024    |
| Silver     |      | 1.0  |      | <b>47.0</b> | 50.00 | 0           | 94.1  | 80        | 120        | 02/23/2024    |
| Thallium   |      | 2.0  |      | <b>236</b>  | 250.0 | 0           | 94.4  | 80        | 120        | 02/26/2024    |
| Vanadium   |      | 5.0  |      | <b>458</b>  | 500.0 | 0           | 91.7  | 80        | 120        | 02/23/2024    |
| Zinc       |      | 15.0 |      | <b>478</b>  | 500.0 | 0           | 95.7  | 80        | 120        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219088 SampType: MS Units µg/L

SampleID: 24020001-103CMS

| Analyses   | Cert | RL   | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|-------------|-------|-------------|-------|-----------|------------|---------------|
| Aluminum   |      | 25.0 |      | <b>1830</b> | 2000  | 15.68       | 90.8  | 75        | 125        | 02/23/2024    |
| Antimony   |      | 1.0  |      | <b>482</b>  | 500.0 | 0           | 96.4  | 75        | 125        | 02/23/2024    |
| Arsenic    |      | 1.0  |      | <b>533</b>  | 500.0 | 0.7936      | 106.5 | 75        | 125        | 02/23/2024    |
| Barium     |      | 1.0  |      | <b>1920</b> | 2000  | 0           | 96.1  | 75        | 125        | 02/23/2024    |
| Beryllium  |      | 1.0  |      | <b>50.2</b> | 50.00 | 0           | 100.4 | 75        | 125        | 02/23/2024    |
| Boron      |      | 25.0 |      | <b>530</b>  | 500.0 | 125.9       | 80.7  | 75        | 125        | 02/23/2024    |
| Cadmium    |      | 1.0  |      | <b>48.1</b> | 50.00 | 0           | 96.1  | 75        | 125        | 02/23/2024    |
| Chromium   |      | 1.5  |      | <b>183</b>  | 200.0 | 0.8238      | 91.0  | 75        | 125        | 02/23/2024    |
| Cobalt     |      | 1.0  |      | <b>473</b>  | 500.0 | 0           | 94.5  | 75        | 125        | 02/23/2024    |
| Copper     |      | 1.0  |      | <b>248</b>  | 250.0 | 0.7189      | 98.8  | 75        | 125        | 02/23/2024    |
| Iron       |      | 25.0 |      | <b>2140</b> | 2000  | 46.43       | 104.6 | 75        | 125        | 02/26/2024    |
| Lead       |      | 1.0  |      | <b>480</b>  | 500.0 | 6.718       | 94.6  | 75        | 125        | 02/23/2024    |
| Lithium    | *    | 3.0  |      | <b>481</b>  | 500.0 | 0           | 96.2  | 75        | 125        | 02/23/2024    |
| Manganese  |      | 2.0  |      | <b>491</b>  | 500.0 | 2.934       | 97.6  | 75        | 125        | 02/23/2024    |
| Molybdenum |      | 1.5  |      | <b>441</b>  | 500.0 | 0.8925      | 88.0  | 75        | 125        | 02/23/2024    |
| Nickel     |      | 1.0  |      | <b>478</b>  | 500.0 | 29.09       | 89.8  | 75        | 125        | 02/23/2024    |
| Selenium   |      | 1.0  |      | <b>501</b>  | 500.0 | 0           | 100.2 | 75        | 125        | 02/23/2024    |
| Silver     |      | 1.0  |      | <b>53.3</b> | 50.00 | 0           | 106.5 | 75        | 125        | 02/23/2024    |
| Thallium   |      | 2.0  |      | <b>243</b>  | 250.0 | 0           | 97.1  | 75        | 125        | 02/26/2024    |
| Vanadium   |      | 5.0  |      | <b>468</b>  | 500.0 | 0           | 93.5  | 75        | 125        | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch                      | SampType: | Units µg/L |      |        | RPD Limit 20 |             |       |             |       |               |
|----------------------------|-----------|------------|------|--------|--------------|-------------|-------|-------------|-------|---------------|
| 219088                     | MSD       |            |      |        |              |             |       |             |       |               |
| SampleID: 24020001-103CMSD |           |            |      |        |              |             |       |             |       |               |
| Analyses                   | Cert      | RL         | Qual | Result | Spike        | SPK Ref Val | %REC  | RPD Ref Val | %RPD  | Date Analyzed |
| Aluminum                   |           | 25.0       |      | 2070   | 2000         | 15.68       | 102.5 | 1832        | 12.05 | 02/23/2024    |
| Antimony                   |           | 1.0        |      | 496    | 500.0        | 0           | 99.2  | 481.8       | 2.87  | 02/23/2024    |
| Arsenic                    |           | 1.0        |      | 516    | 500.0        | 0.7936      | 103.1 | 533.3       | 3.21  | 02/23/2024    |
| Barium                     |           | 1.0        |      | 1980   | 2000         | 0           | 99.1  | 1922        | 3.09  | 02/23/2024    |
| Beryllium                  |           | 1.0        |      | 51.5   | 50.00        | 0           | 102.9 | 50.22       | 2.46  | 02/23/2024    |
| Boron                      |           | 25.0       |      | 512    | 500.0        | 125.9       | 77.3  | 529.6       | 3.30  | 02/23/2024    |
| Cadmium                    |           | 1.0        |      | 47.8   | 50.00        | 0           | 95.6  | 48.07       | 0.59  | 02/23/2024    |
| Chromium                   |           | 1.5        |      | 197    | 200.0        | 0.8238      | 98.3  | 182.9       | 7.62  | 02/23/2024    |
| Cobalt                     |           | 1.0        |      | 478    | 500.0        | 0           | 95.6  | 472.5       | 1.16  | 02/23/2024    |
| Copper                     |           | 1.0        |      | 243    | 250.0        | 0.7189      | 96.7  | 247.8       | 2.13  | 02/23/2024    |
| Iron                       |           | 25.0       |      | 2240   | 2000         | 46.43       | 109.8 | 2138        | 4.77  | 02/26/2024    |
| Lead                       |           | 1.0        |      | 473    | 500.0        | 6.718       | 93.2  | 479.8       | 1.48  | 02/23/2024    |
| Lithium                    | *         | 3.0        |      | 480    | 500.0        | 0           | 95.9  | 481.0       | 0.30  | 02/23/2024    |
| Manganese                  |           | 2.0        |      | 485    | 500.0        | 2.934       | 96.4  | 491.1       | 1.23  | 02/23/2024    |
| Molybdenum                 |           | 1.5        |      | 434    | 500.0        | 0.8925      | 86.6  | 441.1       | 1.64  | 02/23/2024    |
| Nickel                     |           | 1.0        |      | 475    | 500.0        | 29.09       | 89.2  | 478.2       | 0.65  | 02/23/2024    |
| Selenium                   |           | 1.0        |      | 494    | 500.0        | 0           | 98.9  | 500.8       | 1.30  | 02/23/2024    |
| Silver                     |           | 1.0        |      | 50.1   | 50.00        | 0           | 100.1 | 53.26       | 6.19  | 02/23/2024    |
| Thallium                   |           | 2.0        |      | 248    | 250.0        | 0           | 99.2  | 242.9       | 2.08  | 02/26/2024    |
| Vanadium                   |           | 5.0        |      | 464    | 500.0        | 0           | 92.7  | 467.6       | 0.85  | 02/23/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219115        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK-219115 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Aluminum            |      | 25.0           |      | < 25.0     | 12.50  | 0           | 0    | -100      | 100        | 03/01/2024    |               |
| Arsenic             |      | 1.0            |      | < 1.0      | 0.3750 | 0           | 0    | -100      | 100        | 03/01/2024    |               |
| Beryllium           |      | 1.0            |      | < 1.0      | 0.2500 | 0           | 0    | -100      | 100        | 03/01/2024    |               |
| Boron               |      | 25.0           |      | < 25.0     | 9.250  | 0           | 0    | -100      | 100        | 03/04/2024    |               |
| Chromium            |      | 1.5            |      | < 1.5      | 0.7000 | 0           | 0    | -100      | 100        | 03/01/2024    |               |
| Cobalt              |      | 1.0            |      | < 1.0      | 0.1150 | 0           | 0    | -100      | 100        | 03/01/2024    |               |
| Copper              |      | 1.0            |      | < 1.0      | 0.2980 | 0           | 0    | -100      | 100        | 03/01/2024    |               |
| Iron                |      | 25.0           |      | < 25.0     | 11.50  | 0           | 0    | -100      | 100        | 03/04/2024    |               |
| Lead                |      | 1.0            |      | < 1.0      | 0.6000 | 0           | 0    | -100      | 100        | 03/01/2024    |               |
| Lithium             | *    | 3.0            |      | < 3.0      | 1.450  | 0           | 0    | -100      | 100        | 03/01/2024    |               |
| Molybdenum          |      | 1.5            |      | < 1.5      | 0.6000 | 0           | 0    | -100      | 100        | 03/04/2024    |               |
| Nickel              |      | 1.0            |      | < 1.0      | 0.4300 | 0           | 0    | -100      | 100        | 03/01/2024    |               |
| Thallium            |      | 2.0            |      | < 2.0      | 0.9500 | 0           | 0    | -100      | 100        | 03/01/2024    |               |
| Zinc                |      | 15.0           |      | < 15.0     | 5.900  | 0           | 0    | -100      | 100        | 03/01/2024    |               |

| Batch 219115       |      | SampType: LCS |      | Units µg/L |       |             |       |           |            |               | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: LCS-219115 |      |               |      |            |       |             |       |           |            |               |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Aluminum           |      | 25.0          |      | 2020       | 2000  | 0           | 100.8 | 80        | 120        | 03/01/2024    |               |
| Arsenic            |      | 1.0           |      | 571        | 500.0 | 0           | 114.1 | 80        | 120        | 03/01/2024    |               |
| Beryllium          |      | 1.0           |      | 51.6       | 50.00 | 0           | 103.2 | 80        | 120        | 03/01/2024    |               |
| Boron              |      | 25.0          |      | 492        | 500.0 | 0           | 98.4  | 80        | 120        | 03/04/2024    |               |
| Chromium           |      | 1.5           |      | 207        | 200.0 | 0           | 103.3 | 80        | 120        | 03/01/2024    |               |
| Cobalt             |      | 1.0           |      | 515        | 500.0 | 0           | 102.9 | 80        | 120        | 03/01/2024    |               |
| Copper             |      | 1.0           |      | 269        | 250.0 | 0           | 107.6 | 80        | 120        | 03/01/2024    |               |
| Iron               |      | 25.0          |      | 2120       | 2000  | 0           | 105.8 | 80        | 120        | 03/04/2024    |               |
| Lead               |      | 1.0           |      | 500        | 500.0 | 0           | 100.1 | 80        | 120        | 03/01/2024    |               |
| Lithium            | *    | 3.0           |      | 489        | 500.0 | 0           | 97.7  | 80        | 120        | 03/01/2024    |               |
| Molybdenum         |      | 1.5           |      | 492        | 500.0 | 0           | 98.4  | 80        | 120        | 03/04/2024    |               |
| Nickel             |      | 1.0           |      | 519        | 500.0 | 0           | 103.9 | 80        | 120        | 03/01/2024    |               |
| Thallium           |      | 2.0           |      | 216        | 250.0 | 0           | 86.6  | 80        | 120        | 03/01/2024    |               |
| Zinc               |      | 15.0          |      | 540        | 500.0 | 0           | 108.0 | 80        | 120        | 03/01/2024    |               |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219115            |      | SampType: MS |      | Units µg/L |       |             |       |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: 24020001-015CMS |      |              |      |            |       |             |       |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| Boron                   |      | 25.0         |      | <b>533</b> | 500.0 | 20.21       | 102.6 | 75        | 125        | 03/04/2024 |               |

| Batch 219115             |      | SampType: MSD |      | Units µg/L |       |             |      |             |      |            | RPD Limit 20 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|------------|--------------|---------------|
| SampID: 24020001-015CMSD |      |               |      |            |       |             |      |             |      |            |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD |            |              |               |
| Boron                    |      | 25.0          |      | <b>496</b> | 500.0 | 20.21       | 95.1 | 533.2       | 7.30 | 03/04/2024 |              |               |

| Batch 219115            |      | SampType: MS |      | Units µg/L  |       |             |       |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|-------------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: 24020001-071BMS |      |              |      |             |       |             |       |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| Boron                   |      | 25.0         |      | <b>1930</b> | 500.0 | 1398        | 105.4 | 75        | 125        | 03/04/2024 |               |
| Lithium                 | *    | 3.0          |      | <b>539</b>  | 500.0 | 4.558       | 106.9 | 75        | 125        | 03/04/2024 |               |

| Batch 219115             |      | SampType: MSD |      | Units µg/L  |       |             |       |             |      |            | RPD Limit 20 | Date Analyzed |
|--------------------------|------|---------------|------|-------------|-------|-------------|-------|-------------|------|------------|--------------|---------------|
| SampID: 24020001-071BMSD |      |               |      |             |       |             |       |             |      |            |              |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD |            |              |               |
| Boron                    |      | 25.0          |      | <b>1800</b> | 500.0 | 1398        | 80.3  | 1925        | 6.76 | 03/04/2024 |              |               |
| Lithium                  | *    | 3.0           |      | <b>541</b>  | 500.0 | 4.558       | 107.2 | 538.9       | 0.33 | 03/04/2024 |              |               |

| Batch 219117        |      | SampType: MBLK |      | Units µg/L    |        |             |      |           |            |            | Date Analyzed |
|---------------------|------|----------------|------|---------------|--------|-------------|------|-----------|------------|------------|---------------|
| SampID: MBLK-219117 |      |                |      |               |        |             |      |           |            |            |               |
| Analyses            | Cert | RL             | Qual | Result        | Spike  | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Aluminum            |      | 25.0           |      | < <b>25.0</b> | 12.50  | 0           | 0    | -100      | 100        | 02/28/2024 |               |
| Boron               |      | 25.0           |      | < <b>25.0</b> | 9.250  | 0           | 0    | -100      | 100        | 02/28/2024 |               |
| Lead                |      | 1.0            |      | < <b>1.0</b>  | 0.6000 | 0           | 0    | -100      | 100        | 02/28/2024 |               |
| Molybdenum          |      | 1.5            |      | < <b>1.5</b>  | 0.6000 | 0           | 0    | -100      | 100        | 02/28/2024 |               |
| Nickel              |      | 1.0            |      | < <b>1.0</b>  | 0.4300 | 0           | 0    | -100      | 100        | 02/28/2024 |               |
| Zinc                |      | 15.0           |      | < <b>15.0</b> | 5.900  | 0           | 0    | -100      | 100        | 02/28/2024 |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219117       |      | SampType: LCS |      | Units µg/L |       |             |       |           |            |               | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: LCS-219117 |      |               |      |            |       |             |       |           |            |               |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Aluminum           |      | 25.0          |      | 1870       | 2000  | 0           | 93.4  | 80        | 120        | 02/28/2024    |               |
| Boron              |      | 25.0          |      | 495        | 500.0 | 0           | 98.9  | 80        | 120        | 02/28/2024    |               |
| Lead               |      | 1.0           |      | 511        | 500.0 | 0           | 102.2 | 80        | 120        | 02/28/2024    |               |
| Molybdenum         |      | 1.5           |      | 470        | 500.0 | 0           | 94.0  | 80        | 120        | 02/28/2024    |               |
| Nickel             |      | 1.0           |      | 496        | 500.0 | 0           | 99.1  | 80        | 120        | 02/28/2024    |               |
| Zinc               |      | 15.0          |      | 526        | 500.0 | 0           | 105.1 | 80        | 120        | 02/28/2024    |               |

| Batch 219117            |      | SampType: MS |      | Units µg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-005CMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Nickel                  |      | 1.0          |      | 472        | 500.0 | 0.7688      | 94.2  | 75        | 125        | 02/28/2024    |               |
| Zinc                    |      | 15.0         |      | 513        | 500.0 | 0           | 102.6 | 75        | 125        | 02/28/2024    |               |

| Batch 219117             |      | SampType: MSD |      | Units µg/L |       |             |       |             |      |               | RPD Limit 20 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-005CMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Nickel                   |      | 1.0           |      | 488        | 500.0 | 0.7688      | 97.5  | 471.6       | 3.51 | 02/28/2024    |              |               |
| Zinc                     |      | 15.0          |      | 532        | 500.0 | 0           | 106.3 | 513.1       | 3.54 | 02/28/2024    |              |               |

| Batch 219145        |      | SampType: MBLK |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK-219145 |      |                |      |            |       |             |      |           |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Boron               |      | 25.0           |      | < 25.0     | 9.250 | 0           | 0    | -100      | 100        | 03/01/2024    |               |

| Batch 219145       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS-219145 |      |               |      |            |       |             |      |           |            |               |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Boron              |      | 25.0          |      | 468        | 500.0 | 0           | 93.6 | 80        | 120        | 03/01/2024    |               |

| Batch 219145            |      | SampType: MS |      | Units µg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-083BMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Boron                   |      | 25.0         | S    | 16900      | 500.0 | 16010       | 174.5 | 75        | 125        | 03/01/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219145             |      | SampType: MSD |      | Units µg/L |       |             |       | RPD Limit 20 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|---------------|
| SampID: 24020001-083BMSD |      |               |      |            |       |             |       |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |               |
| Boron                    |      | 25.0          | S    | 16900      | 500.0 | 16010       | 180.1 | 16880        | 0.16 | 03/01/2024    |               |

| Batch 219241        |      | SampType: MBLK |      | Units µg/L |        |             |       | RPD Limit 20 |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|-------|--------------|------------|---------------|---------------|
| SampID: MBLK-219241 |      |                |      |            |        |             |       |              |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |               |
| Antimony            |      | 1.0            |      | < 1.0      | 0.4500 | 0           | 0     | -100         | 100        | 02/28/2024    |               |
| Arsenic             |      | 1.0            |      | < 1.0      | 0.3750 | 0           | 0     | -100         | 100        | 02/28/2024    |               |
| Lead                |      | 1.0            | S    | 17.4       | 0.6000 | 0           | 2908  | -100         | 100        | 03/01/2024    |               |
| Nickel              |      | 1.0            | S    | 68.4       | 0.4300 | 0           | 15900 | -100         | 100        | 03/01/2024    |               |
| Selenium            |      | 1.0            |      | < 1.0      | 0.6000 | 0           | 0     | -100         | 100        | 02/28/2024    |               |
| Thallium            |      | 2.0            |      | < 2.0      | 0.9500 | 0           | 0     | -100         | 100        | 02/28/2024    |               |
| Zinc                |      | 15.0           | S    | 867        | 5.900  | 0           | 14690 | -100         | 100        | 03/01/2024    |               |

| Batch 219241       |      | SampType: LCS |      | Units µg/L |       |             |       | RPD Limit 20 |            |               | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------------|---------------|---------------|
| SampID: LCS-219241 |      |               |      |            |       |             |       |              |            |               |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit    | High Limit | Date Analyzed |               |
| Antimony           |      | 100           |      | 53500      | 50000 | 0           | 107.0 | 80           | 120        | 02/28/2024    |               |
| Arsenic            |      | 100           |      | 55000      | 50000 | 0           | 110.1 | 80           | 120        | 03/01/2024    |               |
| Lead               |      | 100           | B    | 53000      | 50000 | 0           | 106.1 | 80           | 120        | 03/01/2024    |               |
| Nickel             |      | 100           | BS   | 63500      | 50000 | 0           | 127.1 | 80           | 120        | 03/01/2024    |               |
| Selenium           |      | 100           |      | 51800      | 50000 | 0           | 103.6 | 80           | 120        | 02/28/2024    |               |
| Zinc               |      | 1500          | BS   | 214000     | 50000 | 0           | 428.5 | 80           | 120        | 03/01/2024    |               |

| Batch 219241            |      | SampType: MS |      | Units µg/L |       |             |      | RPD Limit 20 |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|--------------|------------|---------------|---------------|
| SampID: 24020001-097CMS |      |              |      |            |       |             |      |              |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit    | High Limit | Date Analyzed |               |
| Lead                    |      | 1.0          | B    | 463        | 500.0 | 0           | 92.6 | 75           | 125        | 03/01/2024    |               |
| Nickel                  |      | 1.0          | B    | 485        | 500.0 | 0           | 97.0 | 75           | 125        | 03/01/2024    |               |
| Zinc                    |      | 15.0         | B    | 488        | 500.0 | 0           | 97.7 | 75           | 125        | 03/01/2024    |               |

| Batch 219241             |      | SampType: MSD |      | Units µg/L |       |             |      | RPD Limit 20 |      |               | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|---------------|
| SampID: 24020001-097CMSD |      |               |      |            |       |             |      |              |      |               |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |               |
| Lead                     |      | 1.0           | B    | 440        | 500.0 | 0           | 88.0 | 463.2        | 5.12 | 03/01/2024    |               |
| Nickel                   |      | 1.0           | B    | 465        | 500.0 | 0           | 92.9 | 484.8        | 4.24 | 03/01/2024    |               |
| Zinc                     |      | 15.0          | B    | 476        | 500.0 | 0           | 95.2 | 488.3        | 2.59 | 03/01/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219241            |      | SampType: MS |      | Units µg/L |       |             |       |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: 24020001-103CMS |      |              |      |            |       |             |       |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| Zinc                    |      | 15.0         | B    | <b>516</b> | 500.0 | 0           | 103.2 | 75        | 125        | 03/01/2024 |               |

| Batch 219241             |      | SampType: MSD |      | Units µg/L |       | RPD Limit 20 |      |             |      |            | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|--------------|------|-------------|------|------------|---------------|
| SampID: 24020001-103CMSD |      |               |      |            |       |              |      |             |      |            |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val  | %REC | RPD Ref Val | %RPD |            |               |
| Zinc                     |      | 15.0          | B    | <b>488</b> | 500.0 | 0            | 97.6 | 516.1       | 5.57 | 03/01/2024 |               |

| Batch 219339        |      | SampType: MBLK |      | Units µg/L  |        |             |       |           |            |            | Date Analyzed |
|---------------------|------|----------------|------|-------------|--------|-------------|-------|-----------|------------|------------|---------------|
| SampID: MBLK-219339 |      |                |      |             |        |             |       |           |            |            |               |
| 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        | 03/04/2024 |               |
| Arsenic             |      | 1.0            |      | < 1.0       | 0.3750 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Barium              |      | 1.0            |      | < 1.0       | 0.7000 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Beryllium           |      | 1.0            |      | < 1.0       | 0.2500 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Boron               |      | 25.0           |      | < 25.0      | 9.250  | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Cadmium             |      | 1.0            |      | < 1.0       | 0.1340 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Chromium            |      | 1.5            |      | < 1.5       | 0.7000 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Cobalt              |      | 1.0            |      | < 1.0       | 0.1150 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Copper              |      | 1.0            | S    | <b>1.2</b>  | 0.2980 | 0           | 415.7 | -100      | 100        | 03/04/2024 |               |
| Iron                |      | 25.0           |      | < 25.0      | 11.50  | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Lead                |      | 1.0            |      | < 1.0       | 0.6000 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Lithium             | *    | 3.0            |      | < 3.0       | 1.450  | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Manganese           |      | 2.0            |      | < 2.0       | 0.7500 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Molybdenum          |      | 1.5            |      | < 1.5       | 0.6000 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Nickel              |      | 1.0            |      | < 1.0       | 0.4300 | 0           | 0     | -100      | 100        | 03/06/2024 |               |
| Nickel              |      | 1.0            | S    | <b>1.8</b>  | 0.4300 | 0           | 428.5 | -100      | 100        | 03/04/2024 |               |
| Selenium            |      | 1.0            |      | < 1.0       | 0.6000 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Silver              |      | 1.0            |      | < 1.0       | 0.1110 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Thallium            |      | 2.0            |      | < 2.0       | 0.9500 | 0           | 0     | -100      | 100        | 03/04/2024 |               |
| Zinc                |      | 15.0           | S    | <b>22.1</b> | 5.900  | 0           | 375.0 | -100      | 100        | 03/04/2024 |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

Batch 219339 SampType: LCS Units µg/L

SampID: LCS-219339

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|-------|-----------|------------|---------------|
| Antimony   |      | 1.0  |      | 483    | 500.0 | 0           | 96.6  | 80        | 120        | 03/04/2024    |
| Arsenic    |      | 1.0  |      | 512    | 500.0 | 0           | 102.3 | 80        | 120        | 03/04/2024    |
| Barium     |      | 1.0  |      | 1900   | 2000  | 0           | 95.0  | 80        | 120        | 03/04/2024    |
| Beryllium  |      | 1.0  |      | 54.6   | 50.00 | 0           | 109.1 | 80        | 120        | 03/04/2024    |
| Boron      |      | 25.0 |      | 526    | 500.0 | 0           | 105.1 | 80        | 120        | 03/04/2024    |
| Cadmium    |      | 1.0  |      | 50.5   | 50.00 | 0           | 100.9 | 80        | 120        | 03/04/2024    |
| Chromium   |      | 1.5  |      | 196    | 200.0 | 0           | 98.2  | 80        | 120        | 03/04/2024    |
| Cobalt     |      | 1.0  |      | 489    | 500.0 | 0           | 97.9  | 80        | 120        | 03/04/2024    |
| Copper     |      | 1.0  | B    | 252    | 250.0 | 0           | 100.8 | 80        | 120        | 03/04/2024    |
| Iron       |      | 25.0 |      | 2110   | 2000  | 0           | 105.6 | 80        | 120        | 03/05/2024    |
| Lead       |      | 1.0  |      | 471    | 500.0 | 0           | 94.2  | 80        | 120        | 03/04/2024    |
| Lithium    | *    | 3.0  |      | 530    | 500.0 | 0           | 106.0 | 80        | 120        | 03/04/2024    |
| Manganese  |      | 2.0  |      | 490    | 500.0 | 0           | 98.0  | 80        | 120        | 03/04/2024    |
| Molybdenum |      | 1.5  |      | 462    | 500.0 | 0           | 92.4  | 80        | 120        | 03/04/2024    |
| Nickel     |      | 1.0  | B    | 496    | 500.0 | 0           | 99.2  | 80        | 120        | 03/04/2024    |
| Selenium   |      | 1.0  |      | 493    | 500.0 | 0           | 98.6  | 80        | 120        | 03/04/2024    |
| Silver     |      | 1.0  |      | 52.9   | 50.00 | 0           | 105.7 | 80        | 120        | 03/04/2024    |
| Thallium   |      | 2.0  |      | 221    | 250.0 | 0           | 88.4  | 80        | 120        | 03/04/2024    |
| Zinc       |      | 15.0 | B    | 481    | 500.0 | 0           | 96.2  | 80        | 120        | 03/04/2024    |

Batch 219339 SampType: MS Units µg/L

SampID: 24021482-005BMS

| Analyses   | Cert | RL   | Qual | Result | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
|------------|------|------|------|--------|-------|-------------|------|-----------|------------|---------------|
| Antimony   |      | 1.0  |      | 455    | 500.0 | 0           | 91.0 | 75        | 125        | 03/04/2024    |
| Arsenic    |      | 1.0  |      | 506    | 500.0 | 23.19       | 96.5 | 75        | 125        | 03/04/2024    |
| Barium     |      | 1.0  |      | 2070   | 2000  | 286.4       | 89.2 | 75        | 125        | 03/04/2024    |
| Beryllium  |      | 1.0  |      | 48.5   | 50.00 | 0           | 97.1 | 75        | 125        | 03/04/2024    |
| Boron      |      | 25.0 |      | 860    | 500.0 | 386.2       | 94.7 | 75        | 125        | 03/04/2024    |
| Cadmium    |      | 1.0  |      | 47.4   | 50.00 | 0           | 94.8 | 75        | 125        | 03/04/2024    |
| Chromium   |      | 1.5  |      | 177    | 200.0 | 1.834       | 87.8 | 75        | 125        | 03/04/2024    |
| Cobalt     |      | 1.0  |      | 440    | 500.0 | 0.1418      | 87.9 | 75        | 125        | 03/04/2024    |
| Lead       |      | 1.0  |      | 439    | 500.0 | 0           | 87.8 | 75        | 125        | 03/04/2024    |
| Lithium    | *    | 3.0  |      | 461    | 500.0 | 2.718       | 91.7 | 75        | 125        | 03/04/2024    |
| Molybdenum |      | 1.5  |      | 438    | 500.0 | 0           | 87.7 | 75        | 125        | 03/04/2024    |
| Selenium   |      | 1.0  |      | 471    | 500.0 | 0           | 94.2 | 75        | 125        | 03/04/2024    |
| Thallium   |      | 2.0  |      | 213    | 250.0 | 0           | 85.3 | 75        | 125        | 03/04/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

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

| Batch 219339             |      | SampType: MSD |      | Units µg/L  |       |             | RPD Limit 20 |             |      |               |
|--------------------------|------|---------------|------|-------------|-------|-------------|--------------|-------------|------|---------------|
| SampID: 24021482-005BMSD |      |               |      |             |       |             |              |             |      |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Antimony                 |      | 1.0           |      | <b>463</b>  | 500.0 | 0           | 92.7         | 455.2       | 1.80 | 03/04/2024    |
| Arsenic                  |      | 1.0           |      | <b>526</b>  | 500.0 | 23.19       | 100.6        | 505.6       | 3.97 | 03/04/2024    |
| Barium                   |      | 1.0           |      | <b>2140</b> | 2000  | 286.4       | 92.5         | 2071        | 3.12 | 03/04/2024    |
| Beryllium                |      | 1.0           |      | <b>48.6</b> | 50.00 | 0           | 97.3         | 48.53       | 0.22 | 03/04/2024    |
| Boron                    |      | 25.0          |      | <b>801</b>  | 500.0 | 386.2       | 82.9         | 859.8       | 7.12 | 03/04/2024    |
| Cadmium                  |      | 1.0           |      | <b>47.7</b> | 50.00 | 0           | 95.5         | 47.40       | 0.73 | 03/04/2024    |
| Chromium                 |      | 1.5           |      | <b>183</b>  | 200.0 | 1.834       | 90.6         | 177.4       | 3.14 | 03/04/2024    |
| Cobalt                   |      | 1.0           |      | <b>468</b>  | 500.0 | 0.1418      | 93.6         | 439.6       | 6.29 | 03/04/2024    |
| Lead                     |      | 1.0           |      | <b>449</b>  | 500.0 | 0           | 89.8         | 439.1       | 2.24 | 03/04/2024    |
| Lithium                  | *    | 3.0           |      | <b>470</b>  | 500.0 | 2.718       | 93.5         | 461.2       | 1.89 | 03/04/2024    |
| Molybdenum               |      | 1.5           |      | <b>445</b>  | 500.0 | 0           | 88.9         | 438.3       | 1.46 | 03/04/2024    |
| Selenium                 |      | 1.0           |      | <b>485</b>  | 500.0 | 0           | 96.9         | 471.0       | 2.86 | 03/04/2024    |
| Thallium                 |      | 2.0           |      | <b>220</b>  | 250.0 | 0           | 88.1         | 213.2       | 3.29 | 03/04/2024    |

| Batch 219815        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|
| SampID: MBLK-219815 |      |                |      |            |        |             |      |           |            |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Nickel              |      | 1.0            |      | < 1.0      | 0.4300 | 0           | 0    | -100      | 100        | 03/13/2024    |
| Zinc                |      | 15.0           |      | < 15.0     | 5.900  | 0           | 0    | -100      | 100        | 03/13/2024    |

| Batch 219815       |      | SampType: LCS |      | Units µg/L |       |             |       |           |            |               |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|---------------|
| SampID: LCS-219815 |      |               |      |            |       |             |       |           |            |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |
| Nickel             |      | 1.0           |      | <b>514</b> | 500.0 | 0           | 102.8 | 80        | 120        | 03/13/2024    |
| Zinc               |      | 15.0          |      | <b>480</b> | 500.0 | 0           | 95.9  | 80        | 120        | 03/13/2024    |

### SW-846 7470A (DISSOLVED)

| Batch 218799            |      | SampType: MS |      | Units µg/L  |       |             |      |           |            |               |
|-------------------------|------|--------------|------|-------------|-------|-------------|------|-----------|------------|---------------|
| SampID: 24020001-012DMS |      |              |      |             |       |             |      |           |            |               |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |
| Mercury                 |      | 0.20         |      | <b>4.20</b> | 5.000 | 0           | 83.9 | 75        | 125        | 02/16/2024    |

| Batch 218799             |      | SampType: MSD |      | Units µg/L  |       |             | RPD Limit 15 |             |      |               |
|--------------------------|------|---------------|------|-------------|-------|-------------|--------------|-------------|------|---------------|
| SampID: 24020001-012DMSD |      |               |      |             |       |             |              |             |      |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC         | RPD Ref Val | %RPD | Date Analyzed |
| Mercury                  |      | 0.20          |      | <b>4.19</b> | 5.000 | 0           | 83.7         | 4.195       | 0.21 | 02/16/2024    |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 7470A (DISSOLVED)

| Batch 218860            |      | SampType: MS |      | Units µg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-014CMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Mercury                 |      | 0.20         |      | 5.05       | 5.000 | 0           | 101.0 | 75        | 125        | 02/19/2024    |               |

| Batch 218860             |      | SampType: MSD |      | Units µg/L |       |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-014CMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Mercury                  |      | 0.20          |      | 4.83       | 5.000 | 0           | 96.7 | 5.050       | 4.37 | 02/19/2024    |              |               |

| Batch 219164            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-097DMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury                 |      | 0.20         |      | 4.68       | 5.000 | 0           | 93.5 | 75        | 125        | 02/29/2024    |               |

| Batch 219164             |      | SampType: MSD |      | Units µg/L |       |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-097DMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Mercury                  |      | 0.20          |      | 4.32       | 5.000 | 0           | 86.4 | 4.675       | 7.96 | 02/29/2024    |              |               |

### SW-846 7470A (TOTAL)

| Batch 218203            |      | SampType: MS |      | Units µg/L |       |             |       |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|---------------|
| SampID: 24020001-094BMS |      |              |      |            |       |             |       |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |               |
| Mercury                 |      | 0.20         |      | 5.00       | 5.000 | 0           | 100.0 | 75        | 125        | 02/22/2024    |               |

| Batch 218203             |      | SampType: MSD |      | Units µg/L |       |             |       |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-094BMSD |      |               |      |            |       |             |       |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Mercury                  |      | 0.20          |      | 5.28       | 5.000 | 0           | 105.5 | 4.999       | 5.39 | 02/22/2024    |              |               |

| Batch 218747        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK-218747 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury             |      | 0.20           |      | < 0.20     | 0.0550 | 0           | 0    | -100      | 100        | 02/15/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 7470A (TOTAL)

| Batch 218747       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |               |  |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS-218747 |      |               |      |            |       |             |      |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury            |      | 0.20          |      | 4.39       | 5.000 | 0           | 87.9 | 85        | 115        | 02/15/2024    |  |

| Batch 218747            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-028CMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury                 |      | 0.20         |      | 4.79       | 5.000 | 0           | 95.9 | 75        | 125        | 02/15/2024    |  |

| Batch 218747             |      | SampType: MSD |      | Units µg/L |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24020001-028CMSD |      |               |      |            |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Mercury                  |      | 0.20          |      | 4.73       | 5.000 | 0           | 94.7 | 4.794       | 1.28 | 02/15/2024    |  |

| Batch 218749        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               |  |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK-218749 |      |                |      |            |        |             |      |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury             |      | 0.20           |      | < 0.20     | 0.0550 | 0           | 0    | -100      | 100        | 02/16/2024    |  |

| Batch 218749       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |               |  |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS-218749 |      |               |      |            |       |             |      |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury            |      | 0.20          |      | 4.42       | 5.000 | 0           | 88.3 | 85        | 115        | 02/16/2024    |  |

| Batch 218749            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-039CMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury                 |      | 0.20         | S    | 3.69       | 5.000 | 0           | 73.9 | 75        | 125        | 02/16/2024    |  |

| Batch 218749             |      | SampType: MSD |      | Units µg/L |       |             |      |             |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--|
| SampID: 24020001-039CMSD |      |               |      |            |       |             |      |             |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |
| Mercury                  |      | 0.20          | S    | 3.52       | 5.000 | 0           | 70.4 | 3.694       | 4.84 | 02/16/2024    |  |

| Batch 218799        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               |  |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK-218799 |      |                |      |            |        |             |      |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury             |      | 0.20           |      | < 0.20     | 0.0550 | 0           | 0    | -100      | 100        | 02/16/2024    |  |





## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 7470A (TOTAL)

| Batch 218799       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |            | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|------------|---------------|
| SampID: LCS-218799 |      |               |      |            |       |             |      |           |            |            |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Mercury            |      | 0.20          |      | 4.63       | 5.000 | 0           | 92.5 | 85        | 115        | 02/16/2024 |               |

| Batch 218799            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|------------|---------------|
| SampID: 24020001-036CMS |      |              |      |            |       |             |      |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit |            |               |
| Mercury                 |      | 0.20         |      | 4.25       | 5.000 | 0           | 85.0 | 75        | 125        | 02/16/2024 |               |

| Batch 218799             |      | SampType: MSD |      | Units µg/L |       | RPD Limit 15 |      |             |      |            | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|--------------|------|-------------|------|------------|---------------|
| SampID: 24020001-036CMSD |      |               |      |            |       |              |      |             |      |            |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val  | %REC | RPD Ref Val | %RPD |            |               |
| Mercury                  |      | 0.20          |      | 4.38       | 5.000 | 0            | 87.7 | 4.249       | 3.14 | 02/16/2024 |               |

| Batch 218860        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |            | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|------------|---------------|
| SampID: MBLK-218860 |      |                |      |            |        |             |      |           |            |            |               |
| 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        | 02/19/2024 |               |

| Batch 218860       |      | SampType: LCS |      | Units µg/L |       |             |       |           |            |            | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: LCS-218860 |      |               |      |            |       |             |       |           |            |            |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| Mercury            |      | 0.20          |      | 5.18       | 5.000 | 0           | 103.6 | 85        | 115        | 02/19/2024 |               |

| Batch 218860            |      | SampType: MS |      | Units µg/L |       |             |       |           |            |            | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|------------|---------------|
| SampID: 24020001-031CMS |      |              |      |            |       |             |       |           |            |            |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit |            |               |
| Mercury                 |      | 0.20         |      | 5.18       | 5.000 | 0           | 103.6 | 75        | 125        | 02/19/2024 |               |

| Batch 218860             |      | SampType: MSD |      | Units µg/L |       | RPD Limit 15 |       |             |      |            | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|--------------|-------|-------------|------|------------|---------------|
| SampID: 24020001-031CMSD |      |               |      |            |       |              |       |             |      |            |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val  | %REC  | RPD Ref Val | %RPD |            |               |
| Mercury                  |      | 0.20          |      | 5.26       | 5.000 | 0            | 105.1 | 5.180       | 1.44 | 02/19/2024 |               |

| Batch 218877        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |            | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|------------|---------------|
| SampID: MBLK-218877 |      |                |      |            |        |             |      |           |            |            |               |
| 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        | 02/20/2024 |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 7470A (TOTAL)

| Batch 218877       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS-218877 |      |               |      |            |       |             |      |           |            |               |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury            |      | 0.20          |      | 4.59       | 5.000 | 0           | 91.8 | 85        | 115        | 02/20/2024    |               |

| Batch 218877            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-062BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury                 |      | 0.20         |      | 4.46       | 5.000 | 0           | 89.2 | 75        | 125        | 02/20/2024    |               |

| Batch 218877             |      | SampType: MSD |      | Units µg/L |       |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-062BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Mercury                  |      | 0.20          |      | 4.44       | 5.000 | 0           | 88.8 | 4.459       | 0.43 | 02/20/2024    |              |               |

| Batch 218877            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-086CMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury                 |      | 0.20         |      | 4.57       | 5.000 | 0           | 91.3 | 75        | 125        | 02/20/2024    |               |

| Batch 218877             |      | SampType: MSD |      | Units µg/L |       |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-086CMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Mercury                  |      | 0.20          |      | 4.64       | 5.000 | 0           | 92.9 | 4.567       | 1.66 | 02/20/2024    |              |               |

| Batch 218967        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK-218967 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury             |      | 0.20           |      | < 0.20     | 0.0550 | 0           | 0    | -100      | 100        | 02/21/2024    |               |

| Batch 218967       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS-218967 |      |               |      |            |       |             |      |           |            |               |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury            |      | 0.20          |      | 4.80       | 5.000 | 0           | 95.9 | 85        | 115        | 02/21/2024    |               |

| Batch 218967            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-025CMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury                 |      | 0.20         |      | 4.27       | 5.000 | 0           | 85.3 | 75        | 125        | 02/21/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 7470A (TOTAL)

| Batch 218967             |      | SampType: MSD |      | Units µg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020001-025CMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Mercury                  |      | 0.20          |      | 4.51       | 5.000 | 0           | 90.1 | 4.266        | 5.47 | 02/21/2024    |  |

| Batch 218967            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-042CMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury                 |      | 0.20         |      | 4.60       | 5.000 | 0           | 92.1 | 75        | 125        | 02/21/2024    |  |

| Batch 218967             |      | SampType: MSD |      | Units µg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020001-042CMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Mercury                  |      | 0.20          |      | 4.65       | 5.000 | 0           | 93.1 | 4.605        | 1.08 | 02/21/2024    |  |

| Batch 218998        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               |  |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK-218998 |      |                |      |            |        |             |      |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury             |      | 0.20           |      | < 0.20     | 0.0550 | 0           | 0    | -100      | 100        | 02/22/2024    |  |

| Batch 218998       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |               |  |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS-218998 |      |               |      |            |       |             |      |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury            |      | 0.20          |      | 4.87       | 5.000 | 0           | 97.4 | 85        | 115        | 02/22/2024    |  |

| Batch 218998            |      | SampType: MS |      | Units µg/L |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24020001-061BMS |      |              |      |            |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Mercury                 |      | 0.20         |      | 5.24       | 5.000 | 0           | 104.8 | 75        | 125        | 02/22/2024    |  |

| Batch 218998             |      | SampType: MSD |      | Units µg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24020001-061BMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Mercury                  |      | 0.20          |      | 5.03       | 5.000 | 0           | 100.7 | 5.238        | 4.00 | 02/22/2024    |  |

| Batch 219103        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               |  |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK-219103 |      |                |      |            |        |             |      |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury             |      | 0.20           |      | < 0.20     | 0.0550 | 0           | 0    | -100      | 100        | 02/23/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 7470A (TOTAL)

| Batch 219103       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS-219103 |      |               |      |            |       |             |      |           |            |               |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury            |      | 0.20          |      | 4.52       | 5.000 | 0           | 90.3 | 85        | 115        | 02/23/2024    |               |

| Batch 219103            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-055BMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury                 |      | 0.20         |      | 4.01       | 5.000 | 0           | 80.1 | 75        | 125        | 02/23/2024    |               |

| Batch 219103             |      | SampType: MSD |      | Units µg/L |       |             |      |             |      |               | RPD Limit 15 | Date Analyzed |
|--------------------------|------|---------------|------|------------|-------|-------------|------|-------------|------|---------------|--------------|---------------|
| SampID: 24020001-055BMSD |      |               |      |            |       |             |      |             |      |               |              |               |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |              |               |
| Mercury                  |      | 0.20          |      | 4.19       | 5.000 | 0           | 83.9 | 4.006       | 4.57 | 02/23/2024    |              |               |

| Batch 219164        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK-219164 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury             |      | 0.20           |      | < 0.20     | 0.0550 | 0           | 0    | -100      | 100        | 02/29/2024    |               |

| Batch 219164       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS-219164 |      |               |      |            |       |             |      |           |            |               |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury            |      | 0.20          |      | 4.89       | 5.000 | 0           | 97.9 | 85        | 115        | 02/29/2024    |               |

| Batch 219289        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               | Date Analyzed |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|---------------|
| SampID: MBLK-219289 |      |                |      |            |        |             |      |           |            |               |               |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury             |      | 0.20           |      | < 0.20     | 0.0550 | 0           | 0    | -100      | 100        | 02/29/2024    |               |

| Batch 219289       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: LCS-219289 |      |               |      |            |       |             |      |           |            |               |               |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury            |      | 0.20          |      | 4.99       | 5.000 | 0           | 99.7 | 85        | 115        | 02/29/2024    |               |

| Batch 219289            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |               | Date Analyzed |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|---------------|
| SampID: 24020001-052CMS |      |              |      |            |       |             |      |           |            |               |               |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |               |
| Mercury                 |      | 0.20         | S    | 2.72       | 5.000 | 0           | 54.4 | 75        | 125        | 02/29/2024    |               |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 7470A (TOTAL)

| Batch 219289             |      | SampType: MSD |      | Units µg/L |       |             |      | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|------|--------------|------|---------------|--|
| SampID: 24020001-052CMSD |      |               |      |            |       |             |      |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | RPD Ref Val  | %RPD | Date Analyzed |  |
| Mercury                  |      | 0.20          | S    | 2.54       | 5.000 | 0           | 50.8 | 2.721        | 6.96 | 02/29/2024    |  |

| Batch 219289            |      | SampType: MS |      | Units µg/L |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24020001-053CMS |      |              |      |            |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury                 |      | 0.20         |      | 4.79       | 5.000 | 0           | 95.9 | 75        | 125        | 02/29/2024    |  |

| Batch 219289             |      | SampType: MSD |      | Units µg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24020001-053CMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Mercury                  |      | 0.20          |      | 5.10       | 5.000 | 0           | 102.0 | 4.794        | 6.16 | 02/29/2024    |  |

| Batch 219476        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               |  |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK-219476 |      |                |      |            |        |             |      |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury             |      | 0.20           |      | < 0.20     | 0.0550 | 0           | 0    | -100      | 100        | 03/05/2024    |  |

| Batch 219476       |      | SampType: LCS |      | Units µg/L |       |             |      |           |            |               |  |
|--------------------|------|---------------|------|------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS-219476 |      |               |      |            |       |             |      |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury            |      | 0.20          |      | 4.90       | 5.000 | 0           | 98.0 | 85        | 115        | 03/05/2024    |  |

| Batch 219476            |      | SampType: MS |      | Units µg/L |       |             |       |           |            |               |  |
|-------------------------|------|--------------|------|------------|-------|-------------|-------|-----------|------------|---------------|--|
| SampID: 24020001-102CMS |      |              |      |            |       |             |       |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result     | Spike | SPK Ref Val | %REC  | Low Limit | High Limit | Date Analyzed |  |
| Mercury                 |      | 0.20         |      | 5.52       | 5.000 | 0           | 110.5 | 75        | 125        | 03/05/2024    |  |

| Batch 219476             |      | SampType: MSD |      | Units µg/L |       |             |       | RPD Limit 15 |      |               |  |
|--------------------------|------|---------------|------|------------|-------|-------------|-------|--------------|------|---------------|--|
| SampID: 24020001-102CMSD |      |               |      |            |       |             |       |              |      |               |  |
| Analyses                 | Cert | RL            | Qual | Result     | Spike | SPK Ref Val | %REC  | RPD Ref Val  | %RPD | Date Analyzed |  |
| Mercury                  |      | 0.20          |      | 5.16       | 5.000 | 0           | 103.1 | 5.525        | 6.91 | 03/05/2024    |  |

| Batch 219495        |      | SampType: MBLK |      | Units µg/L |        |             |      |           |            |               |  |
|---------------------|------|----------------|------|------------|--------|-------------|------|-----------|------------|---------------|--|
| SampID: MBLK-219495 |      |                |      |            |        |             |      |           |            |               |  |
| Analyses            | Cert | RL             | Qual | Result     | Spike  | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury             |      | 0.20           |      | < 0.20     | 0.0550 | 0           | 0    | -100      | 100        | 03/11/2024    |  |



## Quality Control Results

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

### SW-846 7470A (TOTAL)

| Batch 219495       |      | SampType: LCS |      | Units µg/L  |       |             |      |           |            |               |  |
|--------------------|------|---------------|------|-------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: LCS-219495 |      |               |      |             |       |             |      |           |            |               |  |
| Analyses           | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury            |      | 0.20          |      | <b>4.38</b> | 5.000 | 0           | 87.5 | 85        | 115        | 03/11/2024    |  |

| Batch 219495            |      | SampType: MS |      | Units µg/L  |       |             |      |           |            |               |  |
|-------------------------|------|--------------|------|-------------|-------|-------------|------|-----------|------------|---------------|--|
| SampID: 24030573-001BMS |      |              |      |             |       |             |      |           |            |               |  |
| Analyses                | Cert | RL           | Qual | Result      | Spike | SPK Ref Val | %REC | Low Limit | High Limit | Date Analyzed |  |
| Mercury                 |      | 0.20         |      | <b>4.96</b> | 5.000 | 0           | 99.2 | 75        | 125        | 03/11/2024    |  |

| Batch 219495             |      | SampType: MSD |      | Units µg/L  |       |             |      |             |      | RPD Limit 15  |  | Date Analyzed |
|--------------------------|------|---------------|------|-------------|-------|-------------|------|-------------|------|---------------|--|---------------|
| SampID: 24030573-001BMSD |      |               |      |             |       |             |      |             |      |               |  |               |
| Analyses                 | Cert | RL            | Qual | Result      | Spike | SPK Ref Val | %REC | RPD Ref Val | %RPD | Date Analyzed |  |               |
| Mercury                  |      | 0.20          |      | <b>4.91</b> | 5.000 | 0           | 98.3 | 4.960       | 0.93 | 03/11/2024    |  |               |



### Receiving Check List

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

Client: Ramboll

Work Order: 24020001

Client Project: COF-24Q1

Report Date: 09-Apr-24

Carrier: Justin Colp

Received By: LEH

Completed by:

*Amber Dilallo*

Reviewed by:

*Ellie Hopkins*

On:

14-Feb-24

Amber Dilallo

On:

22-Feb-24

Ellie Hopkins

Pages to follow: Chain of custody  Extra pages included

|   |   |   |                                      |                                  |
|---|---|---|--------------------------------------|----------------------------------|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             | Not Present <input type="checkbox"/> | Temp °C <b>9.1</b>               |
| Type of thermal preservation?                           | None <input type="checkbox"/>             | Ice <input checked="" type="checkbox"/> | Blue Ice <input type="checkbox"/>    | Dry Ice <input type="checkbox"/> |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Reported field parameters measured:                     | Field <input checked="" type="checkbox"/> | Lab <input type="checkbox"/>            | NA <input type="checkbox"/>          |                                  |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |

*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 <input type="checkbox"/> | No <input type="checkbox"/>            | No VOA vials <input checked="" type="checkbox"/>      |
| Water - TOX containers have zero headspace?               | Yes <input type="checkbox"/> | No <input type="checkbox"/>            | No TOX containers <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                       | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | NA <input type="checkbox"/>                           |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes <input type="checkbox"/> | No <input type="checkbox"/>            | NA <input checked="" type="checkbox"/>                |

**Any No responses must be detailed below or on the COC.**

pH strip #90719. Additional Nitric Acid (94914) was needed in G313, G314, G314D, and G316 upon arrival at the laboratory. One G216 container was not provided - notified field crew. - DS/amberdilallo - 2/14/2024 10:42:41 AM

Samples received 2/14/24 at 1655 (4.7c on ice LTG 7). Additional Nitric Acid (94914) was needed in G303 and G307 upon arrival at the laboratory. pH strip #89660/90719. - amberdilallo - 2/15/2024 9:24:02 AM

Samples received 2/15/24 at 1600 (8.1c on ice LTG 5). Additional Sodium Hydroxide (95443) was needed in G278 upon arrival at the laboratory. pH strip #89660/90719. The missing G216 container was received. - LH/amberdilallo - 2/16/2024 10:17:36 AM

Samples received 2/16/24 at 1221 (5.5c on ice LTG 5). Additional Nitric Acid (94914) was needed in G206D, G308, and XPW02 upon arrival at the laboratory. pH strip #89660/90719. - LH/amberdilallo - 2/16/2024 3:20:59 PM

Samples were received on 2/19/24 at 1640 on ice [8.5C - LTG5]. Additional Nitric Acid (96331) was needed in G270 and G275D upon arrival at the laboratory. Additional Sodium Hydroxide (95443) was needed in G153 upon arrival at the laboratory. pH strip #89660/90719. - LH/amberdilallo - 2/20/2024 8:40:57 AM

Samples were received on 2/20/24 at 1635 (on ice - 11.1C - LTG#7. Additional Nitric Acid (96331) was needed in G276, G284, G410, G411, R201, and R201 Duplicate upon arrival at the laboratory. Additional Sodium Hydroxide (95443) was needed in G407, R201, and R201 Duplicate upon arrival at the laboratory. Additional Sulfuric Acid (94915) was needed in R201 and R201 Duplicate upon arrival at the laboratory. - LM/nickreed - 2/20/2024 5:06:51 PM

Samples were received on 2/21/24 at 1635 (on ice - 10.3C - LTG#5. Additional Nitric Acid (96331) was needed in G283, G401, G402, G405, G406,



## Receiving Check List

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

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**Client:** Ramboll

**Work Order:** 24020001

**Client Project:** COF-24Q1

**Report Date:** 09-Apr-24

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and NE Riser upon arrival at the laboratory. Additional Sodium Hydroxide was needed in G401 and G402 upon arrival at the laboratory. pH strip #90719/89660. - nickreed - 2/21/2024 6:32:49 PM

Equipment Blank 1 was filtered and preserved with HNO<sub>3</sub> (96331), H<sub>2</sub>SO<sub>4</sub> (94915) and left unpreserved for the dissolved parameters upon arrival at the laboratory. Sample was not filtered in the field for DOC; no unpreserved glass container was provided. DOC will be reported from the non-filtered container. - FB/AMD/ehurley - 2/22/2024 1:29:39 PM

Samples were received on 2/22/24 at 1300 on ice - 15.4C - LTG7. Additional Nitric Acid (96331) was needed in L202 and L203 upon arrival at the laboratory. pH strip #90719. - DS/amberdilallo - 2/22/2024 2:54:11 PM



(94914)

24020001

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

HNO3 added to D59/14  
Final 4 samples  
1 liter unp missing from G216

Page: 2 of 7

|  |      |   |  |  |  |   |
|--|------|---|--|--|--|---|
| <b>Section A</b><br>Required Client Information: |      | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  | REGULATORY AGENCY<br>NPDES    GROUND WATER    DRINKING WATER<br>UST        RCRA                    OTHER<br><br>Site Location<br>STATE:                            IL |
| Company: <b>Vistra Corp-Coffeen</b>              |      | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |   |
| Address: <b>134 CIPS Lane</b>                    |      | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |   |
| <b>Coffeen, IL 62017</b>                         |      | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  |   |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |      | Purchase Order No.:                                       |  | Quote Reference:                         |  |   |
| Phone: <b>(217) 753-8911</b>                     | Fax: | Project Name:   |  | Project Manager:                         |  |   |
| Requested Due Date/TAT: <b>10 day</b>            |      | Project Number: <b>2285</b>                               |  | Profile #:                               |  |   |

| ITEM # | Section D<br>Required Client Information | MATRIX<br>DRINKING WATER DW<br>WATER WASTE WW<br>WATER WASTE W/P<br>PRODUCT SOL/COL/OL WP<br>SOL/COL/OL WP<br>AIR AR<br>OTHER TS<br>TSSUE | 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) |             |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |              |                  |              |  |  |   |   |   |  |              |              |
|--------|--|---|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|-------|------|-----|------|---------|----------|---------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|--------------|------------------|--------------|--|--|---|---|---|--|--------------|--------------|
|        |  |   |                                       |                             | DATE      | TIME |                           |                 | Unpreserved   | H2SO4 | HNO3 | HCl | NaOH | Na2S2O3 | Methanol |               | Other                             | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 |                         |                       | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |  |  |   |   |   |  |              |              |
| 1      |  | G122  | WT                                    | G                           |           |      |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |   |   |   |  |              | 24020001-017 |
| 2      |  | G123  | WT                                    | G                           |           |      |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |   |   |   |  |              | 24020001-018 |
| 3      |  | G124  | WT                                    | G                           |           |      |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |   |   |   |  |              | 24020001-019 |
| 4      |  | G125  | WT                                    | G                           |           |      |                           | 6               | 2             | 1     | 2    | 1   | 1    |         |          |               |                                   |             |             |             |             | X           | X           |             |             |             |             |                         |                       |              |                  |              |  |  |   |   |   |  | 24020001-020 |              |
| 5      |  | G126  | WT                                    | G                           |           |      |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |               |                                   |             |             |             |             |             | X           |             |             |             |             |                         |                       |              |                  |              |  |  |   |   |   |  | 24020001-021 |              |
| 6      |  | G151  | WT                                    | G                           |           |      |                           | 4               | 2             | 1     | 1    | 1   | 1    |         |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  | X |   |   |  | 24020001-022 |              |
| 7      |  | G152  | WT                                    | G                           |           |      |                           | 4               | 2             | 1     | 1    | 1   | 1    |         |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  | X |   |   |  | 24020001-023 |              |
| 8      |  | G153  | WT                                    | G                           |           |      |                           | 4               | 2             | 1     | 1    | 1   | 1    |         |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |   | X |   |  |              | 24020001-024 |
| 9      |  | G154  | WT                                    | G                           |           |      |                           | 5               | 2             | 2     | 1    | 1   | 1    |         |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |   | X | X |  |              | 24020001-025 |
| 10     |  | G155  | WT                                    | G                           |           |      |                           | 4               | 2             | 1     | 1    | 1   | 1    |         |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  | X |   |   |  | 24020001-026 |              |
| 11     |  | G200  | WT                                    | G                           |           |      |                           | 6               | 2             | 1     | 2    | 1   | 1    |         |          |               |                                   |             |             |             |             | X           | X           |             |             |             |             |                         |                       |              |                  |              |  |  | X |   |   |  | 24020001-027 |              |
| 12     |  | G206  | WT                                    | G                           |           |      | 2-13-24                   | 1147            | 6             | 2     | 1    | 2   | 1    | 1       |          |               |                                   |             |             |             |             | X           | X           |             |             |             |             |                         |                       |              |                  |              |  |  |   |   |   |  | 24020001-028 |              |
| 13     |  | G206D   | WT                                    | G                           |           |      |                           | 2               | 1             | 1     | 1    | 1   | 1    |         |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |   |   |   |  | 24020001-029 |              |
| 14     |  | G207  | WT                                    | G                           |           |      |                           | 6               | 2             | 1     | 2    | 1   | 1    |         |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |   |   | X |  |              | 24020001-030 |
| 15     |  | G208  | WT                                    | G                           |           |      | 2-13-24                   | 1100            | 6             | 2     | 1    | 2   | 1    | 1       |          |               |                                   |             |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |   |   | X |  |              | 24020001-031 |
| 16     |  | G209  | WT                                    | G                           |           |      | 2-13-24                   | 1030            | 6             | 2     | 1    | 2   | 1    | 1       |          |               |                                   |             |             |             |             |             | X           |             |             |             |             |                         |                       |              |                  |              |  |  |   | X |   |  |              | 24020001-032 |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |                       |                             |                      |
|---------------------|-------------------------------|------|------|---------------------------|------|------|-------------------|-----------------------|-----------------------------|----------------------|
| COF-24Q1 Rev 1      | J. Colp                       | 2-13 | 1640 | [Signature]               | 2/13 | 1640 | Temp in °C        | Received on ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |

|                            |             |                                   |
|----------------------------|-------------|-----------------------------------|
| SAMPLER NAME AND SIGNATURE |             | DATE Signed (MM/DD/YYYY): 2-13-24 |
| PRINT Name of SAMPLER:     | Justin Colp |                                   |
| SIGNATURE of SAMPLER:      | [Signature] |                                   |

LTG 7

**24020001**

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: **3** of **7**

|   |  |   |  |                                   |  |  |  |
|---|--|---|--|-----------------------------------|--|--|--|
| Section A<br>Required Client Information:     |  | Section B<br>Required Project Information:                |  | Section C<br>Invoice Information: |  | REGULATORY AGENCY                        |  |
| Company: <b>Vistra Corp-Coffee</b>            |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>   |  | NPDES <b>GROUND WATER</b> DRINKING WATER |  |
| Address: <b>134 CIPS Lane</b>                 |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>  |  | UST RCRA OTHER                           |  |
| Coffee, IL 62017                              |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>     |  | Site Location                            |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b> |  | Scott Bell - Michael.Bell@vistracorp.com                  |  | Quote Reference:                  |  | IL                                       |  |
| Phone: (217) 753-891                          |  | Purchase Order No.:                                       |  | Project Manager:                  |  | STATE:                                   |  |
| Requested Due Date/TAF: <b>10 day</b>         |  | Project Name:   |  | Project Profile #:                |  |  |  |
|   |  | Project Number: <b>2285</b>                               |  |                                   |  |  |  |

| ITEM # | Section D<br>Required Client Information | SAMPLE ID<br><small>(A-Z, 1-9 / -)<br/>Sample IDs MUST BE UNIQUE</small> | MATRIX CODES<br><small>DRINKING WATER SW<br/>WATER WT<br/>WASTE WW<br/>WATER PRODUCT W<br/>SOL/SOLID SL<br/>CL WP<br/>AR OT<br/>TS<br/>OTHER TRSL</small> | MAYRIX CODES<br><small>MA: Matrix ID<br/>GR: Grab Sample<br/>C: Composite</small> | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          | Analysis Test<br><small>Y/N</small> | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |              |                  |              |
|--------|--|--|---|---|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------------------------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|--------------|------------------|--------------|
|        |  |  |   |   |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |                                     | Other                             | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 |                         |                       | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |  |  |   |   |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |
| 1      |  | G210   |   | WT  | G                           | 2-13-24   | 0948 |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-033          |             |              |                  |              |
| 2      |  | G211   |   | WT  | G                           |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-034          |             |              |                  |              |
| 3      |  | G212   |   | WT  | G                           |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-035          |             |              |                  |              |
| 4      |  | G213   |   | WT  | G                           |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-036          |             |              |                  |              |
| 5      |  | G214   |   | WT  | G                           | 2-13-24   | 1437 |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-037          |             |              |                  |              |
| 6      |  | G215   |   | WT  | G                           |           | 1412 |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-038          |             |              |                  |              |
| 7      |  | G216   |   | WT  | G                           |           | 1340 |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-039          |             |              |                  |              |
| 8      |  | G217   |   | WT  | G                           |           | 1240 |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-040          |             |              |                  |              |
| 9      |  | G218   |   | WT  | G                           |           | 1211 |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-041          |             |              |                  |              |
| 10     |  | G270   |   | WT  | G                           |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-042          |             |              |                  |              |
| 11     |  | G271   |   | WT  | G                           |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-043          |             |              |                  |              |
| 12     |  | G272   |   | WT  | G                           |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-044          |             |              |                  |              |
| 13     |  | G273   |   | WT  | G                           |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-045          |             |              |                  |              |
| 14     |  | G274   |   | WT  | G                           |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-046          |             |              |                  |              |
| 15     |  | G275   |   | WT  | G                           |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-047          |             |              |                  |              |
| 16     |  | G275D  |   | WT  | G                           |           |      |                           | 2               | 1             |                                |                  |     |      |   |          |                                     |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-048          |             |              |                  |              |

|                       |                               |      |      |                           |      |      |                   |
|-----------------------|-------------------------------|------|------|---------------------------|------|------|-------------------|
| ADDITIONAL COMMENTS   | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |
| <b>COF-24Q1 Rev 1</b> | <i>J. Colp</i>                | 2-13 | 1640 | <i>Justin Colp</i>        | 2/13 | 1640 | y z               |

|                            |                    |  |
|----------------------------|--------------------|--|
| SAMPLER NAME AND SIGNATURE |                    |  |
| PRINT Name of SAMPLER:     | <i>Justin Colp</i> |  |
| SIGNATURE of SAMPLER:      | <i>JCA Colp</i>    | DATE Signed (MM/DD/YY): <b>2-13-24</b> |

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**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|   |  |   |  |   |  |
|---|--|---|--|---|--|
| <b>Section A</b><br>Required Client Information |  | <b>Section B</b><br>Required Project Information          |  | <b>Section C</b><br>Invoice Information:    |  |
| Company: <b>Vistra Corp-Coffee</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>             |  |
| Address: <b>134 CIPS Lane</b>                   |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>            |  |
| City: <b>Coffee, IL 62017</b>                   |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>               |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>   |  | Scott Bell - Michael.Bell@vistracorp.com                  |  | Quote Reference:                            |  |
| Phone: <b>(217) 753-8911</b>                    |  | Purchase Order No.:                                       |  | Project Manager:                            |  |
| Requested Due Date/T: <b>10 day</b>             |  | Project Name:   |  | Profile #:                                  |  |
|   |  | Project Number: <b>2285</b>                               |  | REGULATORY AGENCY                           |  |
|   |  |   |  | NPDES      GROUND WATER      DRINKING WATER |  |
|   |  |   |  | UST      RCRA      OTHER                    |  |
|   |  |   |  | Site Location                               |  |
|   |  |   |  | STATE: <b>IL</b>                            |  |

| ITEM # | Section D<br>Required Client Information | SAMPLE ID<br>(A-Z, 0-9 / .) Sample IDs MUST BE UNIQUE | MATRIX CODES<br>DRINKING WATER CW<br>WATER WT<br>WASTE WP<br>WATER PRODUCT SOL/SOLID SL<br>OL<br>WPE<br>AR<br>OTHER TSS/E | 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) |     |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |              |                  |              |   |              |              |              |
|--------|--|---|---|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-----------------|-----------------------------------|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|--------------|------------------|--------------|---|--------------|--------------|--------------|
|        |  |   |   |                                       |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |                 | Other                             | Y/N | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 |                         |                       | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |   |              |              |              |
|        |  |   |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                 |                                   |     |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              | Y | N            | Y            | N            |
| 1      |  | G308  |   | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                 | X                                 |     |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |   |              |              | 24020001-065 |
| 2      |  | G310  |   | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                 | X                                 |     |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |   |              | 24020001-066 |              |
| 3      |  | G312  |   | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                 | X                                 |     |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |   |              | 24020001-067 |              |
| 4      |  | G313  |   | WT                                    | G                           | 2-13-24   | 1419 |                           | 2               | 1             | 1                              |                  |     |      |   |          |                 | X                                 |     |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |   | 24020001-068 |              |              |
| 5      |  | G314  |   | WT                                    | G                           | 2-13-24   | 1311 |                           | 2               | 1             | 1                              |                  |     |      |   |          |                 | X                                 |     |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |   | 24020001-069 |              |              |
| 6      |  | G314D   |   | WT                                    | G                           | 2-13-24   | 1220 |                           | 2               | 1             | 1                              |                  |     |      |   |          |                 | X                                 |     |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |   | 24020001-070 |              |              |
| 7      |  | G315  |   | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                 | X                                 |     |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |   | 24020001-071 |              |              |
| 8      |  | G316  |   | WT                                    | G                           | 2-13-24   | 1131 |                           | 2               | 1             | 1                              |                  |     |      |   |          |                 | X                                 |     |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |   | 24020001-072 |              |              |
| 9      |  | G401  |   | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                 | X                                 |     |             |             |             |             |             |             | X           |             |                         |                       |             |             |              |                  |              |   | 24020001-073 |              |              |
| 10     |  | G402  |   | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                 | X                                 |     |             |             |             |             |             | X           |             | X           |                         |                       |             |             |              |                  |              |   | 24020001-074 |              |              |
| 11     |  | G403  |   | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                 | X                                 |     |             |             |             |             |             | X           |             | X           |                         |                       |             |             |              |                  |              |   | 24020001-075 |              |              |
| 12     |  | G404  |   | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                 | X                                 |     |             |             |             |             |             | X           |             | X           |                         |                       |             |             |              |                  |              |   | 24020001-076 |              |              |
| 13     |  | G405  |   | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                 | X                                 |     |             |             |             |             |             | X           |             | X           |                         |                       |             |             |              |                  |              |   | 24020001-077 |              |              |
| 14     |  | G406  |   | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                 | X                                 |     |             |             |             |             |             | X           |             | X           |                         |                       |             |             |              |                  |              |   | 24020001-078 |              |              |
| 15     |  | G407  |   | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                 | X                                 |     |             |             |             |             |             | X           |             | X           |                         |                       |             |             |              |                  |              |   | 24020001-079 |              |              |
| 16     |  | G410  |   | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                 | X                                 |     |             |             |             |             |             | X           |             | X           |                         |                       |             |             |              |                  |              |   | 24020001-080 |              |              |

|                     |                               |      |      |                           |      |      |                   |
|---------------------|-------------------------------|------|------|---------------------------|------|------|-------------------|
| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |
| COF-24Q1 Rev 1      | J. Colp                       | 2-13 | 1640 | Justin Colp               | 2-13 | 1640 | > z               |

|                            |                       |            |                       |                             |                      |
|----------------------------|-----------------------|------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE |                       | Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples intact (Y/N) |
| PRINT Name of SAMPLER:     | SIGNATURE of SAMPLER: |            |                       |                             |                      |
|                            | Justin Colp           | 9.1        |                       |                             |                      |
|                            | [Signature]           |            |                       |                             |                      |
|                            |                       |            |                       |                             |                      |

LTG7

24020001-845-104

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |  |  |
|--|--|---|--|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  |
| Company: <b>Vistra Corp-Coffee</b>               |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |
| Coffeen, IL 62017                                |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Scott Bell - Michael.Bell@vistracorp.com                  |  | Quote Reference:                         |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Purchase Order No.:                                       |  | Project Manager:                         |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Name:   |  | Profile #:                               |  |
|  |  | Project Number: <b>2285</b>                               |  | REGULATORY AGENCY                        |  |
|  |  |   |  | NPDES GROUND WATER DRINKING WATER        |  |
|  |  |   |  | UST RCRA OTHER                           |  |
|  |  |   |  | Site Location                            |  |
|  |  |   |  | STATE: <b>IL</b>                         |  |

| ITEM #              | Section D<br>Required Client Information | VIA MATRIX CODES              | MATRIX | MATERIAL CODES<br>(see value 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) |  |   |   |   |   |   |  |  |  | Residual Chlorine (Y/N) | Project No./ Lab I.D. |  |  |  |  |  |  |  |              |              |
|---------------------|--|-------------------------------|--------|---|-----------------------------|---------------------------|---------|---------------------------|-----------------|-------------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------------|-----------------------------------|--|---|---|---|---|---|--|--|--|-------------------------|-----------------------|--|--|--|--|--|--|--|--------------|--------------|
|                     |  |                               |        |   |                             | DATE                      | TIME    |                           |                 | Unpreserved       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |                     |                                   |  |   |   |   |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  |              |              |
|                     |  |                               |        |   |                             |                           |         |                           |                 |                   |                                |                  |     |      |   |          |       |                     |                                   |  |   |   |   |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  |              |              |
| 1                   |  | AP2D                          | WT     | G   |                             |                           |         | 2                         | 1               | 1                 |                                |                  |     |      |   |          |       | X                   |                                   |  |   |   |   |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  |              | 24020001-001 |
| 2                   |  | G1001                         | WT     | G   |                             |                           |         | 2                         | 1               | 1                 |                                |                  |     |      |   |          |       | X                   |                                   |  |   |   |   |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-002 |              |
| 3                   |  | G1003                         | WT     | G   |                             |                           |         | 4                         | 1               | 3                 |                                |                  |     |      |   |          |       | X                   |                                   |  |   |   |   |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-003 |              |
| 4                   |  | G101                          | WT     | G   |                             |                           |         | 5                         | 2               | 1                 | 1                              | 1                |     |      |   |          |       |                     |                                   |  |   |   |   |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-004 |              |
| 5                   |  | G102                          | WT     | G   |                             |                           | 2-14-24 | 1113                      | 7               | 2                 | 2                              | 2                | 1   |      |   |          |       |                     |                                   |  | X | X |   |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-005 |              |
| 6                   |  | G103                          | WT     | G   |                             |                           | 2-14-24 | 1150                      | 7               | 2                 | 2                              | 2                | 1   |      |   |          |       |                     |                                   |  |   | X |   |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-006 |              |
| 7                   |  | G105                          | WT     | G   |                             |                           | 2-14-24 | 1213                      | 7               | 2                 | 2                              | 2                | 1   |      |   |          |       |                     |                                   |  |   | X | X |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-007 |              |
| 8                   |  | G106                          | WT     | G   |                             |                           | 2-14-24 | 1258                      | 7               | 2                 | 2                              | 2                | 1   |      |   |          |       |                     |                                   |  |   |   | X | X |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-008 |              |
| 9                   |  | G107                          | WT     | G   |                             |                           | 2-14-24 | 1330                      | 5               | 2                 | 1                              | 1                | 1   |      |   |          |       |                     |                                   |  |   |   | X |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-009 |              |
| 10                  |  | G108                          | WT     | G   |                             |                           | 2-14-24 | 1347                      | 5               | 2                 | 1                              | 1                | 1   |      |   |          |       |                     |                                   |  |   |   | X |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-010 |              |
| 11                  |  | G109                          | WT     | G   |                             |                           | 2-14-24 | 1405                      | 5               | 2                 | 1                              | 1                | 1   |      |   |          |       |                     |                                   |  |   |   |   | X |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-011 |              |
| 12                  |  | G110                          | WT     | G   |                             |                           | 2-14-24 | 1421                      | 6               | 2                 | 1                              | 2                | 1   |      |   |          |       |                     |                                   |  |   |   |   | X | X |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-012 |              |
| 13                  |  | G111                          | WT     | G   |                             |                           |         |                           | 5               | 2                 | 1                              | 1                | 1   |      |   |          |       |                     |                                   |  |   |   |   | X |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-013 |              |
| 14                  |  | G119                          | WT     | G   |                             |                           |         |                           | 5               | 2                 | 1                              | 1                | 1   |      |   |          |       |                     |                                   |  |   |   |   | X |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-014 |              |
| 15                  |  | G120                          | WT     | G   |                             |                           |         |                           | 6               | 2                 | 1                              | 2                | 1   |      |   |          |       |                     |                                   |  |   |   |   | X | X |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-015 |              |
| 16                  |  | G121                          | WT     | G   |                             |                           |         |                           | 5               | 2                 | 1                              | 1                | 1   |      |   |          |       |                     |                                   |  |   |   |   | X |   |  |  |  |                         |                       |  |  |  |  |  |  |  | 24020001-016 |              |
| ADDITIONAL COMMENTS |  | RELINQUISHED BY / AFFILIATION |        | DATE  | TIME                        | ACCEPTED BY / AFFILIATION |         | DATE                      | TIME            | SAMPLE CONDITIONS |                                |                  |     |      |   |          |       |                     |                                   |  |   |   |   |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  |              |              |
| COF-24Q1 Rev 1      |  | J. Cold                       |        | 2-14  | 1655                        | Justin Cold               |         | 2/14                      | 1655            | > = ✓             |                                |                  |     |      |   |          |       |                     |                                   |  |   |   |   |   |   |  |  |  |                         |                       |  |  |  |  |  |  |  |              |              |

Added HNO3 (94914) to G303 & G307. PH ✓ 89660090719  
Sm 2/15/24

| SAMPLER NAME AND SIGNATURE |                         | Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
|----------------------------|-------------------------|------------|-----------------------|-----------------------------|----------------------|
| PRINT Name of SAMPLER:     | SIGNATURE of SAMPLER:   |            |                       |                             |                      |
|                            | Justin Cold             |            |                       |                             |                      |
|                            | Justin Cold             |            |                       |                             |                      |
|                            | DATE Signed (MM/DD/YY): | 2-14-24    |                       |                             |                      |

LTGS

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |   |  |  |
|--|---|--|--|
| <b>Section A</b><br>Required Client Information: | <b>Section B</b><br>Required Project Information:                                   | <b>Section C</b><br>Invoice Information: | Page: 3 of 7   |
| Company: <b>Vistra Co -Coffee</b>                | Report To: <b>Brian Voelker</b>   | Attention: <b>Jason Stuckey</b>          | <b>REGULATORY AGENCY</b>   |
| Address: <b>134 CIPS Lane</b>                    | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b>                           | Company Name: <b>Vistra Corp</b>         |  |
| Address: <b>Coffeen, IL 62017</b>                | John Romang - John.Romang@vistracorp.com<br>Scott Bell- Michael.Bell@vistracorp.com | Address: <b>see Section A</b>            |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    | Purchase Order No.:   | Quote Reference:                         |  |
| Phone: <b>(217) 753-891</b> Fax:                 | Project Name:   | Project Manager:                         | NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> |
| Requested Due Date/TA: <b>10 day</b>             | Project Number: <b>2285</b>   | Profile #:                               | UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER <input type="checkbox"/>                    |
|  |   |  | Site Location: <b>IL</b>   |
|  |   |  | STATE: <b>IL</b>   |

| ITEM # | Section D<br>Required Client Information |       | MATRIX CODES | MATRIX | 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) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |              |                  |              |
|--------|--|-------|--------------|--------|---------------------------------------|-----------------------------|-----------|---------|---------------------------|-----------------|---------------|-------|------|-----|------|---------|----------|-------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|--------------|------------------|--------------|
|        |  |       |              |        |                                       |                             | DATE      | TIME    |                           |                 | Unpreserved   | H2SO4 | HNO3 | HCl | NaOH | Na2S2O3 | Methanol |                   | Other                             | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 |                         |                       | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |  |       |              |        |                                       |                             |           |         |                           |                 |               |       |      |     |      |         |          |                   |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |
| 1      |  | G210  | WT           | G      |                                       |                             |           |         | 5                         | 2               | 1             | 1     | 1    | 1   | 1    |         |          |                   |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  | 24020001-033 |
| 2      |  | G211  | WT           | G      |                                       |                             |           | 7-24-24 | 1046                      | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              | 24020001-034     |              |
| 3      |  | G212  | WT           | G      |                                       |                             |           | 2-14-24 | 1017                      | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   | X                                 |             |             |             |             |             |             |             |             |             |                         |                       |             |              | 24020001-035     |              |
| 4      |  | G213  | WT           | G      |                                       |                             |           | 2-14-24 | 0955                      | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   | X                                 |             |             |             |             |             |             |             |             |             |                         |                       |             |              | 24020001-036     |              |
| 5      |  | G214  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   |             |             |             |             |             |             |             | X           |             |                         |                       |             |              |                  | 24020001-037 |
| 6      |  | G215  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   | X           |             |             |             |             |             |             |             | X           |                         |                       |             |              |                  | 24020001-038 |
| 7      |  | G216  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   |             |             |             |             |             |             |             |             | X           |                         |                       |             |              |                  | 24020001-039 |
| 8      |  | G217  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   | X           |             |             |             |             |             |             |             | X           |                         |                       |             |              |                  | 24020001-040 |
| 9      |  | G218  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   | X           |             |             |             |             |             |             | X           |             |                         |                       |             |              |                  | 24020001-041 |
| 10     |  | G270  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   | X                                 |             |             |             |             |             | X           | X           | X           |             |                         |                       |             |              |                  | 24020001-042 |
| 11     |  | G271  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   | X           |             |             |             |             |             | X           | X           |             |                         |                       |             |              |                  | 24020001-043 |
| 12     |  | G272  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   |             |             |             |             |             |             | X           | X           |             |                         |                       |             |              |                  | 24020001-044 |
| 13     |  | G273  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   |             |             |             |             |             |             | X           | X           |             |                         |                       |             |              |                  | 24020001-045 |
| 14     |  | G274  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   |             |             |             |             |             |             |             | X           | X           |                         |                       |             |              |                  | 24020001-046 |
| 15     |  | G275  | WT           | G      |                                       |                             |           |         |                           | 5               | 2             | 1     | 1    | 1   | 1    |         |          |                   |                                   |             |             |             |             |             |             |             | X           | X           |                         |                       |             |              |                  | 24020001-047 |
| 16     |  | G275D | WT           | G      |                                       |                             |           |         |                           | 2               | 1             |       | 1    |     |      |         |          |                   |                                   |             |             |             |             |             |             |             |             | X           |                         |                       |             |              |                  | 24020001-048 |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |
|---------------------|-------------------------------|------|------|---------------------------|------|------|-------------------|
| COF-24Q1 Rev 1      | J-Culp                        | 2-14 | 1655 | Jason Stuckey             | 2/14 | 1655 | > 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 Culp        |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>Justin Culp</i> | DATE Signed (MM/DD/YY): | 2-14-24               |                             |                      |

4.7

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |  |  |   |  |
|--|--|---|--|--|--|---|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  | <b>REGULATORY AGENCY</b>                    |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  | NPDES      GROUND WATER      DRINKING WATER |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  | UST      RCRA      OTHER                    |  |
| Coffeen, IL 62017                                |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  | Site Location: <b>IL</b>                    |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Purchase Order No.:                                       |  | Quote Reference:                         |  |   |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Project Name:   |  | Project Manager:                         |  |   |  |
| Requested Due Date/T: <b>10 day</b>              |  | Project Number: <b>2285</b>                               |  | Profile #:                               |  |   |  |

| ITEM # | Section D<br>Required Client Information | Sample ID<br><small>(A-Z, 1-9 / -)</small><br>Sample IDs MUST<br>BE UNIQUE | Matrix Codes<br>DRINKING WATER DW<br>WATER WW<br>WASTE P<br>WATER PRODUCT SOL/SOL<br>CL WP<br>AR OT<br>OTHER TSS/IE | Matrix Code<br><small>(see valid codes to left)</small> | Sample Type<br><small>(G=GRAB C=COMP)</small> | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       | Analysis Test ↓ | Requested Analysis Filtered (Y/N) |   |   |   |  |   |   |   |   |  | Residual Chlorine (Y/N) | Project No./ Lab I.D. |
|--------|--|--|---|---|---|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-----------------|-----------------------------------|---|---|---|--|---|---|---|---|--|-------------------------|-----------------------|
|        |  |  |   |   |   | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |                 |                                   |   |   |   |  |   |   |   |   |  |                         |                       |
|        |  |  |   |   |   |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                 |                                   |   |   |   |  |   |   |   |   |  |                         |                       |
| 1      |  | G276   | WT  | G   |   |           |      | 5                         | 2               | 1             | 1                              |                  |     |      |   |          |       |                 | X                                 |   |   |   |  |   |   |   |   |  |                         | 24020001-049          |
| 2      |  | G277   | WT  | G   |   |           |      | 5                         | 2               | 1             | 1                              |                  |     |      |   |          |       |                 | X                                 |   |   |   |  |   |   |   |   |  |                         | 24020001-050          |
| 3      |  | G278   | WT  | G   |   |           |      | 5                         | 2               | 1             | 1                              |                  |     |      |   |          |       |                 |                                   |   |   |   |  |   |   |   |   |  |                         | 24020001-051          |
| 4      |  | G279   | WT  | G   |   |           |      | 5                         | 2               | 1             | 1                              |                  |     |      |   |          |       |                 |                                   |   |   | X |  |   | X | X | X |  |                         | 24020001-052          |
| 5      |  | G280   | WT  | G   |   |           |      | 5                         | 2               | 1             | 1                              |                  |     |      |   | X        | X     |                 |                                   | X | X | X |  |   |   |   |   |  |                         | 24020001-053          |
| 6      |  | G281   | WT  | G   |   |           |      | 4                         | 1               |               | 2                              |                  |     |      | 1   |          |       | X               | X                                 |   |   |   |  | X |   |   |   |  |                         | 24020001-054          |
| 7      |  | G283   | WT  | G   |   |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |                 |                                   |   |   | X |  |   |   |   |   |  |                         | 24020001-055          |
| 8      |  | G284   | WT  | G   |   |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |                 |                                   |   |   | X |  |   |   |   |   |  |                         | 24020001-056          |
| 9      |  | G285   | WT  | G   |   |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |                 |                                   |   |   | X |  |   |   |   |   |  |                         | 24020001-057          |
| 10     |  | G301   | WT  | G   |   |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |                 | X                                 |   |   |   |  |   |   |   |   |  |                         | 24020001-058          |
| 11     |  | G302   | WT  | G   |   |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |                 | X                                 |   |   |   |  |   |   |   |   |  |                         | 24020001-059          |
| 12     |  | G303   | WT  | G   |   | 2/14/24   | 1023 | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |                 | X                                 |   |   | X |  |   |   |   |   |  |                         | 24020001-060          |
| 13     |  | G305   | WT  | G   |   |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |                 | X                                 |   |   |   |  |   |   |   |   |  |                         | 24020001-061          |
| 14     |  | G306   | WT  | G   |   | 2/14/24   | 1135 | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |                 | X                                 |   |   |   |  |   |   |   |   |  |                         | 24020001-062          |
| 15     |  | G307   | WT  | G   |   | 2/14/24   | 1458 | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |                 | X                                 |   |   |   |  |   |   |   |   |  |                         | 24020001-063          |
| 16     |  | G307D  | WT  | G   |   | 2/14/24   | 1842 | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |                 | X                                 |   |   |   |  |   |   |   |   |  |                         | 24020001-064          |

| ADDITIONAL COMMENTS                      |  | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE                              | TIME | SAMPLE CONDITIONS |            |                       |                             |                      |
|--|--|-------------------------------|------|------|---------------------------|-----------------------------------|------|-------------------|------------|-----------------------|-----------------------------|----------------------|
| COF-24Q1 Rev 1                           |  | J. Cap                        | 2-14 | 1655 | <i>[Signature]</i>        | 2/14                              | 1655 | y                 | z          |                       |                             |                      |
|  |  |                               |      |      |                           |                                   |      | 4.7               | Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples intact (Y/N) |
| SAMPLER NAME AND SIGNATURE               |  |                               |      |      |                           |                                   |      |                   |            |                       |                             |                      |
| PRINT Name of SAMPLER: <i>John Cap</i>   |  |                               |      |      |                           |                                   |      |                   |            |                       |                             |                      |
| SIGNATURE of SAMPLER: <i>[Signature]</i> |  |                               |      |      |                           | DATE Signed (MM/DD/YYYY): 2-14-24 |      |                   |            |                       |                             |                      |

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**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |  |  |
|--|--|--|--|
| <b>Section A</b><br>Required Client Information:         | <b>Section B</b><br>Required Project Information:                                    | <b>Section C</b><br>Invoice Information:           | Page: <b>5</b> of <b>7</b>   |
| Company: <b>Vistra Corp-Coffee</b>                       | Report To: <b>Brian Voelker</b>  | Attention: <b>Jason Stuckey</b>                    | <b>REGULATORY AGENCY</b><br><br>NPDES <b>GROUND WATER</b> DRINKING WATER<br><br>UST              RCRA              OTHER<br><br>Site Location:      IL<br><br>STATE: |
| Address: <b>134 CIPS Lane</b><br><b>Coffee, IL 62017</b> | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b>                            | Company Name: <b>Vistra Corp</b>                   |  |
| Email To: <b>Brian Voelker@VistraCorp.com</b>            | John Romang - John.Romang@vistracorp.com<br>Scott Bell - Michael.Bell@vistracorp.com | Address: <b>see Section A</b>                      |  |
| Phone: <b>(217) 753-8911</b> Fax:      Project Name:     | Purchase Order No.:  | Quote Reference:<br>Project Manager:<br>Profile #: |  |
| Requested Due Date/TAT: <b>10 day</b>                    | Project Number: <b>2285</b>  |  |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br><br><small>MATRIX</small><br>DRINKING WATER DW<br>WATER WW<br>WASTE WP<br>WATER PRODUCT SOL/SOLU QL<br>OL WP<br>AR OF<br>TS<br>AR<br>OTHER TISSUE | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       | Analysis Test ↓<br>(Y/N) | Requested Analysis Filtered (Y/N) | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |             |             |             |             |              |                  |              |
|--------|--|---|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|--------------------------|-----------------------------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|--------------|
|        |  |   |                                       |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |                          |                                   |                         |                       | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |  |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                          |                                   |                         |                       |             |             |             |             |             |             |             |             |             |             |              |                  |              |
| 1      |  |   | G308                                  | WT G                        |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             |             |             |             |             |             |             |             |             |             |              | 24020001-065     |              |
| 2      |  |   | G310                                  | WT G                        |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             |             |             |             |             |             |             |             |             |             |              | 24020001-066     |              |
| 3      |  |   | G312                                  | WT G                        |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             |             |             |             |             |             |             |             |             |             |              | 24020001-067     |              |
| 4      |  |   | G313                                  | WT G                        |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             |             |             |             |             |             |             |             |             |             |              | 24020001-068     |              |
| 5      |  |   | G314                                  | WT G                        |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             |             |             |             |             |             |             |             |             |             |              | 24020001-069     |              |
| 6      |  |   | G314D                                 | WT G                        |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             |             |             |             |             |             |             |             |             |             |              | 24020001-070     |              |
| 7      |  |   | G315                                  | WT G                        |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             |             |             |             |             |             |             |             |             |             |              | 24020001-071     |              |
| 8      |  |   | G316                                  | WT G                        |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             |             |             |             |             |             |             |             |             |             |              | 24020001-072     |              |
| 9      |  |   | G401                                  | WT G                        |           |      |                           | 4               | 1             | 2                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             | X           |             |             |             |             |             |             |             |             |              | 24020001-073     |              |
| 10     |  |   | G402                                  | WT G                        |           |      |                           | 4               | 1             | 2                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             | X           |             |             |             | X           |             |             |             |             |              | 24020001-074     |              |
| 11     |  |   | G403                                  | WT G                        |           |      |                           | 4               | 1             | 2                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             | X           |             |             |             | X           |             |             |             |             |              | 24020001-075     |              |
| 12     |  |   | G404                                  | WT G                        |           |      |                           | 4               | 1             | 2                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             | X           |             |             |             | X           |             |             |             |             |              | 24020001-076     |              |
| 13     |  |   | G405                                  | WT G                        |           |      |                           | 4               | 1             | 2                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             | X           |             |             |             | X           |             |             |             |             |              | 24020001-077     |              |
| 14     |  |   | G406                                  | WT G                        |           |      |                           | 4               | 1             | 2                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             | X           |             |             |             | X           |             |             |             |             |              | 24020001-078     |              |
| 15     |  |   | G407                                  | WT G                        |           |      |                           | 4               | 1             | 2                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             | X           |             |             |             | X           |             |             |             |             |              | 24020001-079     |              |
| 16     |  |   | G410                                  | WT G                        |           |      |                           | 4               | 1             | 2                              |                  |     |      |   |          |       |                          |                                   |                         |                       |             | X           |             |             |             | X           |             |             |             |             |              | 24020001-080     |              |

| ADDITIONAL COMMENTS   | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE        | TIME        | SAMPLE CONDITIONS |
|-----------------------|-------------------------------|-------------|-------------|---------------------------|-------------|-------------|-------------------|
| <b>COF-24Q1 Rev 1</b> | <i>J. Colp</i>                | <b>2-14</b> | <b>1655</b> | <i>Jason Stuckey</i>      | <b>2/14</b> | <b>1655</b> | 1      2          |

| 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>Justin Colp</i> |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>Justin Colp</i> | DATE Signed (MM/DD/YY): | <b>2-14-24</b>        |                             |                      |

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### CHAIN-OF-CUSTODY / Analytical Request Document

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|  |  |   |  |  |  |                          |  |                     |  |                       |
|--|--|---|--|--|--|--------------------------|--|---------------------|--|-----------------------|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  | <b>REGULATORY AGENCY</b> |  |                     |  |                       |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |                          |  |                     |  |                       |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |                          |  |                     |  |                       |
| <b>Coffeen, IL 62017</b>                         |  | <b>John Romang - John.Romang@vistracorp.com</b>           |  | Address: <b>see Section A</b>            |  | <b>NPDES</b>             |  | <b>GROUND WATER</b> |  | <b>DRINKING WATER</b> |
| Email To: <b>Brian Voelker@VistraCorp.com</b>    |  | <b>Scott Bell- Michael.Bell@vistracorp.com</b>            |  | Quote Reference:                         |  | <b>UST</b>               |  | <b>RCRA</b>         |  | <b>OTHER</b>          |
| Phone: <b>(217) 753-8911</b>                     |  | Purchase Order No.:                                       |  | Project Manager:                         |  | <b>Site Location</b>     |  | <b>IL</b>           |  |                       |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Name:   |  | Profile #:                               |  | <b>STATE:</b>            |  |                     |  |                       |
|  |  | Project Number: <b>2285</b>                               |  |  |  |                          |  |                     |  |                       |

| ITEM #             | Section D<br>Required Client Information | SAMPLE ID<br>(A-Z, 0-9 / -)<br>Sample IDs MUST<br>BE UNIQUE | MATRIX CODES<br>DRAINAGE WATER DW<br>WATER WT<br>WASTE WP<br>WATER PRODUCT WWP<br>SOLUSCLD SL<br>CL<br>WPE<br>AR<br>OTHER TISSUE | MATRIX CODE<br>(See valid codes sheet) | SAMPLE TYPE<br>(G=GRAV C=COMP) | DATE                          | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                           |     |      |   |          | Analysis Test<br>Y/N | Requested Analysis Filtered (Y/N) |             |                   |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No. / Lab I.D. |             |              |                  |              |
|--------------------|--|---|--|--|--------------------------------|-------------------------------|------|---------------------------|-----------------|---------------|--------------------------------|---------------------------|-----|------|---|----------|----------------------|-----------------------------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|------------------------|-------------|--------------|------------------|--------------|
|                    |  |   |  |  |                                |                               |      |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub>          | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |                      | Other                             | COF-257-101 | COF-257-102       | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 |                         |                        | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|                    |  |   |  |  |                                |                               |      |                           |                 |               |                                |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             |                         |                        |             |              |                  |              |
| 1                  |  | G411  |  |  | WT G                           |                               |      |                           | 4               | 1             | 2                              |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-081            |                        |             |              |                  |              |
| 2                  |  | L201  |  |  | WT G                           |                               |      |                           | 2               | 1             | 1                              |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-082            |                        |             |              |                  |              |
| 3                  |  | L202  |  |  | WT G                           |                               |      |                           | 2               | 1             | 1                              |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-083            |                        |             |              |                  |              |
| 4                  |  | L203  |  |  | WT G                           |                               |      |                           | 2               | 1             | 1                              |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-084            |                        |             |              |                  |              |
| 5                  |  | NE Riser  |  |  | WT G                           |                               |      |                           | 2               | 1             | 1                              |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-085            |                        |             |              |                  |              |
| 6                  |  | R104  |  |  | WT G                           | 2-14-24                       | 1238 |                           | 7               | 2             | 2                              | 2                         | 1   |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-086            |                        |             |              |                  |              |
| 7                  |  | R201  |  |  | WT G                           |                               |      |                           | 6               | 2             | 1                              | 2                         | 1   |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-087            |                        |             |              |                  |              |
| 8                  |  | R205  |  |  | WT G                           | 2-14-24                       | 0922 |                           | 6               | 2             | 1                              | 2                         | 1   |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-088            |                        |             |              |                  |              |
| 9                  |  | SG-02   |  |  | WT G                           |                               |      |                           | 0               |               |                                |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-089            |                        |             |              |                  |              |
| 10                 |  | SG-03   |  |  | WT G                           |                               |      |                           | 0               |               |                                |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-090            |                        |             |              |                  |              |
| 11                 |  | T127  |  |  | WT G                           |                               |      |                           | 6               | 2             | 1                              | 2                         | 1   |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-091            |                        |             |              |                  |              |
| 12                 |  | T128  |  |  | WT G                           |                               |      |                           | 5               | 2             | 1                              | 1                         | 1   |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-092            |                        |             |              |                  |              |
| 13                 |  | X201  |  |  | WT G                           |                               |      |                           | 2               | 1             | 1                              |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-093            |                        |             |              |                  |              |
| 14                 |  | XPW01   |  |  | WT G                           |                               |      |                           | 2               | 1             | 1                              |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-094            |                        |             |              |                  |              |
| 15                 |  | XPW02   |  |  | WT G                           |                               |      |                           | 2               | 1             | 1                              |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-095            |                        |             |              |                  |              |
| 16                 |  | XSG-01  |  |  | WT G                           |                               |      |                           | 0               |               |                                |                           |     |      |   |          |                      |                                   |             |                   |             |             |             |             |             |             |             | 24020001-096            |                        |             |              |                  |              |
| ADDITONAL COMMENTS |  |   |  |  |                                | RELINQUISHED BY / AFFILIATION |      | DATE                      |                 | TIME          |                                | ACCEPTED BY / AFFILIATION |     |      |   | DATE     |                      | TIME                              |             | SAMPLE CONDITIONS |             |             |             |             |             |             |             |                         |                        |             |              |                  |              |
| COF-24Q1 Rev 1     |  |   |  |  |                                | J. Colp                       |      | 2-14                      |                 | 1655          |                                | [Signature]               |     |      |   | 2/14     |                      | 1655                              |             | 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: <b>Justin Colp</b> |  |  |  |  |  |                       |                             |                      |
| SIGNATURE of SAMPLER: <b>[Signature]</b>  |  |  |  |  | DATE Signed (MM/DD/YYYY): <b>2-14-24</b> |                       |                             |                      |

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### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |  |  |
|--|--|---|--|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Scott Bell- Michael.Bell@vistracorp.com                   |  | Quote Reference:                         |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Purchase Order No.:                                       |  | Project Manager:                         |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Name:   |  | Profile #:                               |  |
|  |  | Project Number: <b>2285</b>                               |  | REGULATORY AGENCY                        |  |
|  |  |   |  | NPDES GROUND WATER DRINKING WATER        |  |
|  |  |   |  | UST RCRA OTHER                           |  |
|  |  |   |  | Site Location                            |  |
|  |  |   |  | STATE: <b>IL</b>                         |  |

| ITEM # | Section D<br>Required Client Information<br><br><b>SAMPLE ID</b><br><br>(A-Z, 1-9 / .-)<br>Sample IDs MUST<br>BE UNIQUE | VARIABLE CODES<br>MATRIX<br>DRINKING WATER DW<br>WATER WWT<br>WATER WASTE WW<br>PRODUCT W/P<br>SOL/SOLID OC<br>W/ AR OT<br>AIR TS<br>OTHER TISSUE | MATRIX CODE (see variable codes) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       | Analysis Test | Requested Analysis Filtered (Y/N) | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |             |             |             |              |              |                  |              |
|--------|---|---|----------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------|-----------------------------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|------------------|--------------|
|        |   |   |                                  |                             | DATE      | TIME |                           |                 |               |                                |                  |     |      |   |          |       |               |                                   |                         |                       | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104  | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |   |   |                                  |                             |           |      |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |               |                                   |                         |                       |             |             |             |             |             |             |             |             |             |              |              |                  |              |
| 1      | Field Blank   | WT  | G                                |                             |           |      |                           | 7               | 2             | 2                              | 2                | 2   | 1    |   |          |       |               |                                   |                         |                       |             |             |             |             |             |             |             |             |             | 24020001-097 |              |                  |              |
| 2      | G102 Duplicate  | WT  | G                                |                             | 2-14-24   | 1113 |                           | 7               | 2             | 2                              | 2                | 2   | 1    |   |          |       |               |                                   |                         |                       |             |             |             |             |             |             |             |             |             | 24020001-098 |              |                  |              |
| 3      | G200 Duplicate  | WT  | G                                |                             |           |      |                           | 6               | 2             | 1                              | 2                | 1   | 1    |   |          |       |               |                                   |                         |                       |             |             |             |             |             |             |             |             |             | 24020001-099 |              |                  |              |
| 4      | G273 Duplicate  | WT  | G                                |                             |           |      |                           | 6               | 2             | 1                              | 2                | 1   | 1    |   |          |       |               |                                   |                         |                       |             |             |             |             |             |             |             |             |             | 24020001-100 |              |                  |              |
| 5      | G301 Duplicate  | WT  | G                                |                             |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |               |                                   |                         |                       |             |             |             |             |             |             |             |             |             | 24020001-101 |              |                  |              |
| 6      | R201 Duplicate  | WT  | G                                |                             |           |      |                           | 6               | 2             | 1                              | 2                | 1   | 1    |   |          |       |               |                                   |                         |                       |             |             |             |             |             |             |             |             |             | 24020001-102 |              |                  |              |
| 7      | Equipment Blank 1   | WT  | G                                |                             |           |      |                           | 7               | 2             | 2                              | 2                | 2   | 1    |   |          |       |               |                                   |                         |                       |             |             |             |             |             |             |             |             |             | 24020001-103 |              |                  |              |
| 8      | Equipment Blank 2   | WT  | G                                |                             |           |      |                           | 7               | 2             | 2                              | 2                | 2   | 1    |   |          |       |               |                                   |                         |                       |             |             |             |             |             |             |             |             |             | 24020001-104 |              |                  |              |
| 9      | Equipment Blank 3   | WT  | G                                |                             |           |      |                           | 7               | 2             | 2                              | 2                | 2   | 1    |   |          |       |               |                                   |                         |                       |             |             |             |             |             |             |             |             |             | 24020001-105 |              |                  |              |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |
|---------------------|-------------------------------|------|------|---------------------------|------|------|-------------------|
| COF-24Q1 Rev 1      | J. Colp                       | 2-14 | 1655 | Justin Colp               | 2/14 | 1655 | y z 4.7           |

|                            |                       |                                |                      |
|----------------------------|-----------------------|--------------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE |                       |                                |                      |
| PRINT Name of SAMPLER:     | Justin Colp           |                                |                      |
| SIGNATURE of SAMPLER:      | <i>Justin Colp</i>    |                                |                      |
| DATE Signed (MM/DD/YY):    | 2-14-24               |                                |                      |
| Temp in °C                 | Received on ice (Y/N) | Custody Sealed Container (Y/N) | Samples Intact (Y/N) |

LTG 5

### CHAIN-OF-CUSTODY / Analytical Request Document

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|   |  |  |  |  |                           |
|---|--|--|--|--|---------------------------|
| <b>Section A</b><br>Required Client Information |  | <b>Section B</b><br>Required Project Information:                                    |  | <b>Section C</b><br>Invoice Information: |                           |
| Company: Vistra Corp - Coffeen                  | Address: 134 CIPS Lane Coffeen, IL 62017 | Report To: Brian Voelker   | Copy To: Sam Davies-samantha.davies@vistracorp.com | Attention: Jason Stuckey                 | Company Name: Vistra Corp |
| Email To: Brian.Voelker@vistracorp.com          | Phone: (217) 753-8912                    | John Romang - John.Romang@vistracorp.com<br>Scott Bell - Michael.Bell@vistracorp.com | Purchase Order No.:                                | Quote Reference:                         | Address: see Section A    |
| Requested Due Date/Time: 10 day                 | Fax:                                     | Project Name:  | Project Number: 2285                               | Project Manager:                         | Profile #:                |

| REGULATORY AGENCY |              |                |
|-------------------|--------------|----------------|
| NPDES             | GROUND WATER | DRINKING WATER |
| UST               | RCRA         | OTHER          |
| Site Location     |              | IL             |
| STATE:            |              |                |

| ITEM # | Section D<br>Required Client Information | MATRIX CODES   | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       |             |             | Analysis Test ↓ | Requested Analysis Filtered (Y/N) | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |              |
|--------|--|----------------|---------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-------------|-------------|-----------------|-----------------------------------|-------------------------|-----------------------|-------------|--------------|
|        |  |                |         |      |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other | COF-257-101 | COF-257-102 |                 |                                   |                         |                       | COF-257-103 | COF-257-104  |
| 1      | SAMPLE D                                 | DRINKING WATER |         |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |             |             | X               |                                   |                         |                       |             | 24020001-001 |
| 2      |  | WATER          | 2-15-24 | 1323 |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |             |             | X               |                                   |                         |                       |             | 24020001-002 |
| 3      |  | WASTE          |         |      |                           | 4               | 1             | 3                              |                  |     |      |   |          |       |             | X           |                 |                                   |                         |                       |             | 24020001-003 |
| 4      |  | WATER PRODUCT  | 2-15-24 | 1303 |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |             |             |                 |                                   |                         |                       |             | 24020001-004 |
| 5      |  | SOIL/SOLID     |         |      |                           | 7               | 2             | 2                              | 2                |     |      |   |          |       |             | X           | X               |                                   |                         |                       |             | 24020001-005 |
| 6      |  | OTHER          |         |      |                           | 7               | 2             | 2                              | 2                |     |      |   |          |       |             |             |                 |                                   |                         |                       | X           | 24020001-006 |
| 7      |  | ISSUE          |         |      |                           | 7               | 2             | 2                              | 2                |     |      |   |          |       |             |             |                 |                                   |                         |                       | X           | 24020001-007 |
| 8      |  |                |         |      |                           | 7               | 2             | 2                              | 2                |     |      |   |          |       |             | X           | X               |                                   |                         |                       | X           | 24020001-008 |
| 9      |  |                |         |      |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |             |             |                 |                                   |                         |                       |             | 24020001-009 |
| 10     |  |                |         |      |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |             |             |                 |                                   |                         |                       | X           | 24020001-010 |
| 11     |  |                |         |      |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |             |             |                 |                                   |                         |                       |             | 24020001-011 |
| 12     |  |                |         |      |                           | 6               | 2             | 1                              | 2                |     |      |   |          |       |             |             |                 |                                   |                         |                       |             | 24020001-012 |
| 13     |  |                | 2-15-24 | 0903 |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |             |             |                 |                                   |                         |                       | X           | 24020001-013 |
| 14     |  |                | 2-15-24 | 0947 |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |             |             |                 |                                   |                         |                       | X           | 24020001-014 |
| 15     |  |                | 2-15-24 | 1004 |                           | 6               | 2             | 1                              | 2                |     |      |   |          |       |             |             | X               | X                                 |                         |                       |             | 24020001-015 |
| 16     |  |                | 2-15-24 | 1040 |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |             |             |                 |                                   |                         |                       | X           | 24020001-016 |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |
|---------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|
| COF-24021 Rev 1     | J. Cold                       | 2-15 | 1600 | [Signature]               | 2/15/24 | 1600 | #5<br>B.1<br>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 COLD |                           |                       |                             |                      |
| SIGNATURE of SAMPLER:      | [Signature] | DATE Signed (MM/DD/YYYY): | 2-15-24               |                             |                      |

PAV 90719/89660  
added NaOH(95443) to G278  
ct 2/16/24

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

| Section A<br>Required Client Information: |                                   | Section B<br>Required Project Information: |   | Section C<br>Invoice Information: |               | REGULATORY AGENCY |              |                |
|---|-----------------------------------|--|---|-----------------------------------|---------------|-------------------|--------------|----------------|
| Company:                                  | Vistra Corp - Coffee              | Report To:                                 | Brian Voelker                             | Attention:                        | Jason Stuckey | NPDES             | GROUND WATER | DRINKING WATER |
| Address:                                  | 134 CIPS Lane<br>Coffee, IL 62017 | Copy To:                                   | Sam Davies-samantha.davies@vistracorp.com | Company Name:                     | Vistra Corp   | UST               | RCRA         | OTHER          |
| Email To:                                 | Brian Voelker@VistraCorp.com      | John Romang - John.Romang@vistracorp.com   | Scott Bell - Michael.Bell@vistracorp.com  | Address:                          | see Section A | Site Location     |              |                |
| Phone:                                    | (217) 753-8911                    | Purchase Order No.:                        |   | Quote Reference:                  |               | STATE: IL         |              |                |
| Requested Due Date/T                      | 10 day                            | Project Name:                              |   | Project Manager:                  |               |                   |              |                |
|   |                                   | Project Number:                            | 2285                                      | Profile #:                        |               |                   |              |                |

| ITEM # | MATRIX CODES<br>DRINK/WATER DW<br>WATER WT<br>WASTE WP<br>WATER PRODUCT SOL/SOLID CL<br>WPE AR<br>AR OT<br>OTHER TS<br>TISSUE | MATRIX CODE | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          | Analysis Test ↓ | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |              |                  |              |   |   |   |   |              |              |              |
|--------|---|-------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-----------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|--------------|------------------|--------------|---|---|---|---|--------------|--------------|--------------|
|        |   |             |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |                 | Other                             | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 |                         |                       | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |   |   |   |   |              |              |              |
|        |   |             |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              | Y | N | Y | N | Y            | N            | Y            |
| 1      | G122  | WT          | G                           | 2-15-24   | 1105 | 5                         | 2               | 1             | 1                              | 1                |     |      |   |          |                 |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   | 24020001-017 |              |              |
| 2      | G123  | WT          | G                           | 2-15-24   | 1131 | 5                         | 2               | 1             | 1                              | 1                |     |      |   |          |                 |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   | 24020001-018 |              |              |
| 3      | G124  | WT          | G                           | 2-15-24   | 1153 | 5                         | 2               | 1             | 1                              | 1                |     |      |   |          |                 |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   | 24020001-019 |              |              |
| 4      | G125  | WT          | G                           | 2-15-24   | 1219 | 6                         | 2               | 1             | 2                              | 1                |     |      |   |          |                 |                                   | X           | X           |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   | 24020001-020 |              |              |
| 5      | G126  | WT          | G                           | 2-15-24   | 1322 | 5                         | 2               | 1             | 1                              | 1                |     |      |   |          |                 |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   | 24020001-021 |              |              |
| 6      | G151  | WT          | G                           |           |      | 4                         | 2               |               | 1                              | 1                |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   | X | 24020001-022 |              |              |
| 7      | G152  | WT          | G                           |           |      | 4                         | 2               |               | 1                              | 1                |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   | X | 24020001-023 |              |              |
| 8      | G153  | WT          | G                           |           |      | 4                         | 2               |               | 1                              | 1                |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   | X | 24020001-024 |              |              |
| 9      | G154  | WT          | G                           |           |      | 5                         | 2               |               | 2                              | 1                |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   | X | 24020001-025 |              |              |
| 10     | G155  | WT          | G                           |           |      | 4                         | 2               |               | 1                              | 1                |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   | X | 24020001-026 |              |              |
| 11     | G200  | WT          | G                           |           |      | 6                         | 2               | 1             | 2                              | 1                |     |      |   |          |                 |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   | X | 24020001-027 |              |              |
| 12     | G206  | WT          | G                           |           |      | 6                         | 2               | 1             | 2                              | 1                |     |      |   |          |                 |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   | X | 24020001-028 |              |              |
| 13     | G206D   | WT          | G                           |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |                 |                                   |             |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   | X            | 24020001-029 |              |
| 14     | G207  | WT          | G                           | 2-15-24   | 1155 | 6                         | 2               | 1             | 2                              | 1                |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   | X            | 24020001-030 |              |
| 15     | G208  | WT          | G                           |           |      | 6                         | 2               | 1             | 2                              | 1                |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   | X            | 24020001-031 |              |
| 16     | G209  | WT          | G                           |           |      | 6                         | 2               | 1             | 2                              | 1                |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |              | X            | 24020001-032 |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |
|---------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|
| COF-2401 Rev 1      | J. Gold                       | 2-15 | 1600 | <i>[Signature]</i>        | 2/15/24 | 1600 | 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 Gold        |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>[Signature]</i> | DATE Signed (MM/DD/YY): | 2-15-24               |                             |                      |

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |  |  |  |  |                                   |  |  |  |
|--|--|--|--|--|--|-----------------------------------|--|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:  |  | <b>Section C</b><br>Invoice Information: |  | Page: 4 of 7                      |  |  |  |
| Company: Vistra Corp-Coffee                      |  | Report To: Brian Voelker                           |  | Attention: Jason Stuckey                 |  | <b>REGULATORY AGENCY</b>          |  |  |  |
| Address: 134 CIPS Lane                           |  | Copy To: Sam Davies-samantha.davies@vistracorp.com |  | Company Name: Vistra Corp                |  | NPDES GROUND WATER DRINKING WATER |  |  |  |
| Coffee, IL 62017                                 |  | John Romang - John.Romang@vistracorp.com           |  | Address: see Section A                   |  | UST RCRA OTHER                    |  |  |  |
| Email To: Brian.Voelker@VistraCorp.com           |  | Purchase Order No.:                                |  | Quote Reference:                         |  | <b>Site Location</b>              |  |  |  |
| Phone: (217) 753-8911                            |  | Project Name:                                      |  | Project Manager:                         |  | STATE: IL                         |  |  |  |
| Requested Due Date/T/F: 10 day                   |  | Project Number: 2285                               |  | Profile #:                               |  |                                   |  |  |  |

| ITEM # | Section D<br>Required Client Information | MATRIX | Requested Analysis Filtered (Y/N) |      |               |                                |                  |     |      |   |          |       | Residual Chlorine (Y/N) |                       |  |  |   |   |   |   |   |   |              |
|--------|--|--------|-----------------------------------|------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-------------------------|-----------------------|--|--|---|---|---|---|---|---|--------------|
|        |  |        | COLLECTED                         |      | Preservatives |                                |                  |     |      |   |          |       | Analysis Test           | Project No./ Lab I.D. |  |  |   |   |   |   |   |   |              |
|        |  |        | DATE                              | TIME | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |                         |                       |  |  |   |   |   |   |   |   |              |
|        |  |        |                                   |      |               |                                |                  |     |      |   |          |       |                         |                       |  |  |   |   |   |   |   |   |              |
| 1      |  | G276   | WT                                | G    |               |                                |                  | 5   | 2    | 1   | 1        | 1     |                         |                       |  |  |   | X |   |   |   |   | 24020001-049 |
| 2      |  | G277   | WT                                | G    |               |                                |                  | 5   | 2    | 1   | 1        | 1     |                         |                       |  |  |   | X |   |   |   |   | 24020001-050 |
| 3      |  | G278   | WT                                | G    | 7-15-24       | 1103                           |                  | 5   | 2    | 1   | 1        | 1     |                         |                       |  |  |   |   |   |   |   |   | 24020001-051 |
| 4      |  | G279   | WT                                | G    |               |                                |                  | 5   | 2    | 1   | 1        | 1     |                         |                       |  |  |   | X |   |   |   | X | 24020001-052 |
| 5      |  | G280   | WT                                | G    |               |                                |                  | 5   | 2    | 1   | 1        | 1     |                         |                       |  |  | X | X |   |   | X | X | 24020001-053 |
| 6      |  | G281   | WT                                | G    | 2-15-24       | 1422                           |                  | 4   | 1    |   | 2        | 1     |                         |                       |  |  | X | X |   |   | X |   | 24020001-054 |
| 7      |  | G283   | WT                                | G    |               |                                |                  | 2   | 1    |   | 1        |       |                         |                       |  |  |   |   | X |   |   |   | 24020001-055 |
| 8      |  | G284   | WT                                | G    |               |                                |                  | 2   | 1    |   | 1        |       |                         |                       |  |  |   |   | X |   |   |   | 24020001-056 |
| 9      |  | G285   | WT                                | G    |               |                                |                  | 2   | 1    |   | 1        |       |                         |                       |  |  |   |   |   | X |   |   | 24020001-057 |
| 10     |  | G301   | WT                                | G    |               |                                |                  | 2   | 1    |   | 1        |       |                         |                       |  |  | X |   |   |   |   |   | 24020001-058 |
| 11     |  | G302   | WT                                | G    |               |                                |                  | 2   | 1    |   | 1        |       |                         |                       |  |  | X |   |   |   |   |   | 24020001-059 |
| 12     |  | G303   | WT                                | G    |               |                                |                  | 2   | 1    |   | 1        |       |                         |                       |  |  | X |   |   |   |   |   | 24020001-060 |
| 13     |  | G305   | WT                                | G    |               |                                |                  | 2   | 1    |   | 1        |       |                         |                       |  |  | X |   |   |   |   |   | 24020001-061 |
| 14     |  | G306   | WT                                | G    |               |                                |                  | 2   | 1    |   | 1        |       |                         |                       |  |  | X |   |   |   |   |   | 24020001-062 |
| 15     |  | G307   | WT                                | G    |               |                                |                  | 2   | 1    |   | 1        |       |                         |                       |  |  | X |   |   |   |   |   | 24020001-063 |
| 16     |  | G307D  | WT                                | G    |               |                                |                  | 2   | 1    |   | 1        |       |                         |                       |  |  | X |   |   |   |   |   | 24020001-064 |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |
|---------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|
| COF- 4Q1 Rev 1      | J. Gold                       | 7-15 | 1600 | [Signature]               | 7/15/24 | 1600 | Y                 | Z |

|                                    |             |            |                       |                             |                      |
|------------------------------------|-------------|------------|-----------------------|-----------------------------|----------------------|
| <b>SAMPLER NAME AND SIGNATURE</b>  |             | Temp in °C | Received on ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER: Justin Gold | [Signature] |            |                       |                             |                      |
| SIGNATURE of SAMPLER: [Signature]  |             |            |                       |                             |                      |

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |                                   |  |  |  |
|--|--|---|--|-----------------------------------|--|--|--|
| Section A<br>Required Client Information:      |  | Section B<br>Required Project Information:                |  | Section C<br>Invoice Information: |  | Page: 6 of 7   |  |
| Company: <b>Vistra Corp-Coffee</b>             |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>   |  | REGULATORY AGENCY<br>NPDES GROUND WATER DRINKING WATER<br>UST RCRA OTHER<br>Site Location<br>STATE: IL |  |
| Address: <b>134 CIP Lane</b>                   |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>  |  |  |  |
| Coffeeen, <b>62017</b>                         |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>     |  |  |  |
| Email To: <b>Brian Voelker @VistraCorp.com</b> |  | Scott Bell-MichaelBell@vistracorp.com                     |  | Purchase Order No.:               |  |  |  |
| Phone: <b>(217) 753-8911</b>                   |  | Project Name:   |  | Project Reference:                |  | Requested Analysis Filtered (Y/N)  |  |
| Requested Due Date/T. T: <b>10 day</b>         |  | Project Number: <b>2285</b>                               |  | Project Manager:                  |  |  |  |
| Fax:   |  | Quote Reference:  |  | Profile #:                        |  |  |  |

| ITEM # | SAMPLE ID<br>(A-Z, 1-9, -)<br>Sample IDs MUST<br>BE UNIQUE | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE<br>(G-GRAB C-COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |       |      |     |      |         |          | Analysis Test<br>Y/N | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |              |              |                  |              |
|--------|--|--|--------------------------------|-----------|------|---------------------------|-----------------|---------------|-------|------|-----|------|---------|----------|----------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|--------------|--------------|------------------|--------------|
|        |  |  |                                | DATE      | TIME |                           |                 | Unpreserved   | H2SO4 | HNO3 | HCl | NaOH | Na2S2O3 | Methanol |                      | Other                             | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 |                         |                       | COF-845-104  | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |  |  |                                |           |      |                           |                 |               |       |      |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       |              |              |                  |              |
| 1      | G411   | WT                                       | G                              |           |      |                           | 4               | 1             |       |      |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-081 |              |                  |              |
| 2      | L201   | WT                                       | G                              |           |      |                           | 2               | 1             |       | 1    |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-082 |              |                  |              |
| 3      | L202   | WT                                       | G                              |           |      |                           | 2               | 1             |       | 1    |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-083 |              |                  |              |
| 4      | L203   | WT                                       | G                              |           |      |                           | 2               | 1             |       | 1    |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-084 |              |                  |              |
| 5      | NE Riser   | WT                                       | G                              |           |      |                           | 2               | 1             |       | 1    |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-085 |              |                  |              |
| 6      | R104   | WT                                       | G                              |           |      |                           | 7               | 2             | 2     | 2    |     | 1    |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-086 |              |                  |              |
| 7      | R201   | WT                                       | G                              |           |      |                           | 6               | 2             | 1     | 2    |     | 1    |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-087 |              |                  |              |
| 8      | R205   | WT                                       | G                              |           |      |                           | 6               | 2             | 1     | 2    |     | 1    |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-088 |              |                  |              |
| 9      | SG-02  | WT                                       | G                              |           |      |                           | 0               |               |       |      |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-089 |              |                  |              |
| 10     | SG-03  | WT                                       | G                              |           |      |                           | 0               |               |       |      |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-090 |              |                  |              |
| 11     | T127   | WT                                       | G                              |           |      |                           | 6               | 2             | 1     | 2    |     | 1    |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-091 |              |                  |              |
| 12     | T128   | WT                                       | G                              | 2-15-24   | 0929 |                           | 5               | 2             | 1     | 1    |     | 1    |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-092 |              |                  |              |
| 13     | X201   | WT                                       | G                              |           |      |                           | 2               | 1             |       | 1    |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-093 |              |                  |              |
| 14     | XPW01  | WT                                       | G                              |           |      |                           | 2               | 1             |       | 1    |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-094 |              |                  |              |
| 15     | XPW02  | WT                                       | G                              |           |      |                           | 2               | 1             |       | 1    |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-095 |              |                  |              |
| 16     | XSG-01   | WT                                       | G                              |           |      |                           | 0               |               |       |      |     |      |         |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       | 24020001-096 |              |                  |              |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |  |
|---------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|--|
| COF-24Q1 Rev 1      | J. Colp                       | 2-15 | 1600 | [Signature]               | 2/15/24 | 1600 | 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: <b>Justin Colp</b> |  |  |            |                       |                             |                      |
| SIGNATURE of SAMPLER: [Signature]         |  | DATE Signed (MM/DD/YYYY): <b>2-15-24</b> |            |                       |                             |                      |



**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| <b>Section A</b><br>Required Client Information:<br>Company: <b>Vistra Corp - Coffee</b><br>Address: <b>134 CIPS Lane, Coffee, MO 64017</b><br>Email To: <b>Brian.Vogel@vistracorp.com</b><br>Phone: <b>(217) 753-8911</b><br>Requested Due Date/T: <b>10 day</b> |  | <b>Section B</b><br>Required Project Information:<br>Report To: <b>Brian Voelker</b><br>Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b><br>John Romang - <b>John.Romang@vistracorp.com</b><br>Spitt Bell - <b>Michael.Bell@vistracorp.com</b><br>Purchase Order No.:<br>Project Name:<br>Project Number: <b>2285</b> |  | <b>Section C</b><br>Invoice Information:<br>Attention: <b>Jason Stuckey</b><br>Company Name: <b>Vistra Corp</b><br>Address: <b>see Section A</b><br>Quote Reference:<br>Project Manager:<br>Profile #: |  |
|---|--|--|--|--|--|

| REGULATORY AGENCY |              |                |
|-------------------|--------------|----------------|
| NPDES             | GROUND WATER | DRINKING WATER |
| UST               | RCRA         | OTHER          |
| Site Location     |              | IL             |
| STATE:            |              |                |

| ITEM # | Section D<br>Required Client Info<br><br><b>SAMPLE D</b><br><br>(A-Z, 9/ )<br>Identification IDs MUST BE U<br>HQ, E | Matrix Codes<br>DRINKING WATER OW<br>WATER WW<br>WASTE WP<br>WATER SL<br>PRODUCT SOL/SOLID OL<br>OIL WP<br>AIR AR<br>WFE OT<br>AIR TS<br>OTHER TISSUE | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE<br>(G=GRAB, C=COMP) | COLLECTED |         | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          | Requested Analysis Filtered (Y/N) |                     |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |              |                  |              |              |
|--------|---|---|--|---------------------------------|-----------|---------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-----------------------------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|--------------|------------------|--------------|--------------|
|        |   |   |  |                                 | DATE      | TIME    |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other                             | Analysis Test (Y/N) | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 |                         |                       | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |              |
| 1      |   |   | G308                                     | WT                              | G         | 2/14/24 | 10:04                     | 2               | 1             | 1                              |                  |     |      |   |          |                                   |                     | X           |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              | 24020001-065 |
| 2      |   |   | G310                                     | WT                              | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |                     | X           |             |             |             |             |             |             |             |                         |                       |             |             |              |                  | 24020001-066 |              |
| 3      |   |   | G312                                     | WT                              | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |                     | X           |             |             |             |             |             |             |             |                         |                       |             |             |              |                  | 24020001-067 |              |
| 4      |   |   | G313                                     | WT                              | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |                     | X           |             |             |             |             |             |             |             |                         |                       |             |             |              |                  | 24020001-068 |              |
| 5      |   |   | G314                                     | WT                              | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |                     | X           |             |             |             |             |             |             |             |                         |                       |             |             |              |                  | 24020001-069 |              |
| 6      |   |   | G314D                                    | WT                              | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |                     | X           |             |             |             |             |             |             |             |                         |                       |             |             |              |                  | 24020001-070 |              |
| 7      |   |   | G315                                     | WT                              | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |                     | X           |             |             |             |             |             |             |             |                         |                       |             |             |              |                  | 24020001-071 |              |
| 8      |   |   | G316                                     | WT                              | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |                     | X           |             |             |             |             |             |             |             |                         |                       |             |             |              |                  | 24020001-072 |              |
| 9      |   |   | G401                                     | WT                              | G         |         |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |                     | X           |             |             |             |             |             | X           |             |                         |                       |             |             |              |                  | 24020001-073 |              |
| 10     |   |   | G402                                     | WT                              | G         |         |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |                     | X           |             |             |             |             | X           |             |             |                         |                       |             |             |              |                  | 24020001-074 |              |
| 11     |   |   | G403                                     | WT                              | G         |         |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |                     | X           |             |             |             |             | X           |             |             |                         |                       |             |             |              |                  | 24020001-075 |              |
| 12     |   |   | G404                                     | WT                              | G         |         |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |                     | X           |             |             |             |             | X           |             |             |                         |                       |             |             |              |                  | 24020001-076 |              |
| 13     |   |   | G405                                     | WT                              | G         |         |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |                     | X           |             |             |             |             | X           |             |             |                         |                       |             |             |              |                  | 24020001-077 |              |
| 14     |   |   | G406                                     | WT                              | G         |         |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |                     | X           |             |             |             |             | X           |             |             |                         |                       |             |             |              |                  | 24020001-078 |              |
| 15     |   |   | G407                                     | WT                              | G         |         |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |                     | X           |             |             |             |             | X           |             |             |                         |                       |             |             |              |                  | 24020001-079 |              |
| 16     |   |   | G410                                     | WT                              | G         |         |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |                     | X           |             |             |             |             | X           |             |             |                         |                       |             |             |              |                  | 24020001-080 |              |

| ADDITIONAL COMMENTS      | RELINQUISHED BY / AFFILIATION | DATE    | TIME  | ACCEPTED BY / AFFILIATION | DATE    | TIME  | SAMPLE CONDITIONS |   |  |
|--------------------------|-------------------------------|---------|-------|---------------------------|---------|-------|-------------------|---|--|
| <b>COF-845-104 Rev 1</b> | <i>Tracy Carroll</i>          | 2/14/24 | 12:21 | <i>Wanda Delouis</i>      | 2/14/24 | 12:12 | Y                 | N |  |

| SAMPLER NAME AND SIGNATURE                  |                             |  |            |
|---|-----------------------------|--|------------|
| PRINT Name of SAMPLER: <i>Tracy Carroll</i> |                             | DATE Signed (MM/DD/YYYY): <i>2/14/24</i> | Temp in °C |
| SIGNATURE of SAMPLER: <i>Tracy Carroll</i>  |                             |  |            |
| Received on Ice (Y/N)                       | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)                     |            |

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |  |  |  |  |                          |  |              |  |                |
|--|--|--|--|--|--|--------------------------|--|--------------|--|----------------|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:  |  | <b>Section C</b><br>Invoice Information: |  | <b>REGULATORY AGENCY</b> |  |              |  |                |
| Company: Vistra Corp - Coffee                    |  | Report To: Brian Voelker                           |  | Attention: Jason Stuckey                 |  |                          |  |              |  |                |
| Address: 134 CIP Lane                            |  | Copy To: Sam Davies-samantha.davies@vistracorp.com |  | Company Name: Vistra Corp                |  |                          |  |              |  |                |
| Coffee, IL 61017                                 |  | John Romang - John.Romang@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                            |  | Project Name:                                      |  | Project Manager:                         |  | Site Location:           |  | IL           |  |                |
| Requested Due Date/T: 10 day                     |  | Project Number: 2285                               |  | Profile #:                               |  | STATE:                   |  |              |  |                |

| ITEM # | Section D<br>Required Client Info | MATERIAL CODES<br>DRINKING WATER DW<br>WATER WW<br>WASTE WP<br>WATER PRODUCT WPE<br>SOIL/SOLID CS<br>SP<br>AR<br>OT<br>TS<br>OTHER<br>ISSUE | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |         | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          | Analysis Test<br>Y/N | Requested Analysis Filtered (Y/N) | Residual Chlorine (Y/N) | Project No./ Lab I.D. |       |             |             |             |             |             |             |             |             |             |              |              |                  |              |
|--------|-----------------------------------|---|--|-----------------------------|-----------|---------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|----------------------|-----------------------------------|-------------------------|-----------------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|------------------|--------------|
|        |                                   |   |  |                             | DATE      | TIME    |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |                      |                                   |                         |                       | Other | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104  | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |                                   |   |  |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |                      |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |              |              |                  |              |
| 1      |                                   |   | G411                                     | WT                          | G         |         |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                      |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             | 24020001-081 |              |                  |              |
| 2      |                                   |   | L201                                     | WT                          | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          | X                    |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             | 24020001-082 |              |                  |              |
| 3      |                                   |   | L202                                     | WT                          | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          | X                    |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             | 24020001-083 |              |                  |              |
| 4      |                                   |   | L203                                     | WT                          | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          | X                    |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             | 24020001-084 |              |                  |              |
| 5      |                                   |   | NE Riser                                 | WT                          | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          |                      |                                   |                         |                       |       | X           |             |             |             |             |             |             |             |             | 24020001-085 |              |                  |              |
| 6      |                                   |   | R104                                     | WT                          | G         |         |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          |                      | X                                 |                         |                       |       |             |             |             |             | X           |             |             |             |             | 24020001-086 |              |                  |              |
| 7      |                                   |   | R201                                     | WT                          | G         |         |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |                      | X                                 |                         |                       |       | X           |             |             |             | X           |             |             |             |             | 24020001-087 |              |                  |              |
| 8      |                                   |   | R205                                     | WT                          | G         |         |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |                      |                                   |                         |                       |       |             |             |             |             | X           |             |             |             |             | 24020001-088 |              |                  |              |
| 9      |                                   |   | SG-02                                    | WT                          | G         |         |                           | 0               |               |                                |                  |     |      |   |          | X                    | X                                 |                         |                       | X     | X           |             |             |             |             |             |             |             |             | 24020001-089 |              |                  |              |
| 10     |                                   |   | SG-03                                    | WT                          | G         |         |                           | 0               |               |                                |                  |     |      |   |          | X                    | X                                 |                         |                       | X     | X           |             |             |             |             |             |             |             |             | 24020001-090 |              |                  |              |
| 11     |                                   |   | T127                                     | WT                          | G         |         |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |                      |                                   | X                       | X                     |       |             |             |             |             |             |             |             |             |             | 24020001-091 |              |                  |              |
| 12     |                                   |   | T128                                     | WT                          | G         |         |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                      |                                   |                         | X                     |       |             |             |             |             |             |             |             |             |             | 24020001-092 |              |                  |              |
| 13     |                                   |   | X201                                     | WT                          | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          |                      |                                   | X                       |                       |       |             |             |             |             | X           |             |             |             |             | 24020001-093 |              |                  |              |
| 14     |                                   |   | XPW01                                    | WT                          | G         |         |                           | 2               | 1             | 1                              |                  |     |      |   |          | X                    |                                   |                         |                       | X     |             |             |             |             |             |             |             |             |             | 24020001-094 |              |                  |              |
| 15     |                                   |   | XPW02                                    | WT                          | G         | 2/16/24 | 1045                      | 2               | 1             | 1                              |                  |     |      |   |          | X                    |                                   |                         |                       | X     |             |             |             |             |             |             |             |             |             | 24020001-095 |              |                  |              |
| 16     |                                   |   | XSG-01                                   | WT                          | G         |         |                           | 0               |               |                                |                  |     |      |   |          | X                    |                                   |                         |                       | X     |             |             |             |             |             |             |             |             |             | 24020001-096 |              |                  |              |

| ADDIT    | COMMENTS | RELINQUISHED BY / AFFILIATION | DATE    | TIME  | ACCEPTED BY / AFFILIATION | DATE    | TIME  | SAMPLE CONDITIONS |   |
|----------|----------|-------------------------------|---------|-------|---------------------------|---------|-------|-------------------|---|
| COF-14Q1 | Rev 1    | <i>Jason Stuckey</i>          | 2/16/24 | 12:21 | <i>Tracy Carroll</i>      | 2/16/24 | 12:21 | Y                 | Z |

|                                   |                      |                         |                       |                             |                      |
|-----------------------------------|----------------------|-------------------------|-----------------------|-----------------------------|----------------------|
| <b>SAMPLER NAME AND SIGNATURE</b> |                      | Temp in °C              | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER:            | <i>Tracy Carroll</i> |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:             | <i>Tracy Carroll</i> | DATE Signed (MM/DD/YY): | 2/16/24               |                             |                      |



**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

| Section A<br>Required Client Information: | Section B<br>Required Project Information: | Section C<br>Invoice Information: | Page: <b>2</b> of <b>7</b> |
|---|--|-----------------------------------|----------------------------|
|---|--|-----------------------------------|----------------------------|

|                                |   |                                  |   |
|--------------------------------|---|----------------------------------|---|
| Company: <b>Vistra Corp</b>    | Report To: <b>Brian Voelker</b>                           | Attention: <b>Jason Stuckey</b>  |   |
| Address: <b>134 CIP</b>        | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> | Company Name: <b>Vistra Corp</b> | <b>REGULATORY AGENCY</b>                |
| <b>Coffee</b>                  | <b>7</b>  | Address: <b>see Section A</b>    | NPDES    GROUND WATER    DRINKING WATER |
| Email To: <b>Brian Voelker</b> | <b>John Romang - John.Romang@vistracorp.com</b>           | Quote Reference:                 | UST    RCRA    OTHER                    |
| Phone: <b>(217) 753-8912</b>   | <b>Scott Bell - Michael.Bell@vistracorp.com</b>           | Project Manager:                 | Site Location:                          |
| Requested Due Date/T           | <b>10 day</b>   | Profile #:                       | STATE:    IL                            |
|                                | Project Name:   |                                  |   |
|                                | Project Number: <b>2285</b>                               |                                  |   |

| ITEM # | MATRIX | MATRIX CODES (see value codes to left) | SAMPLE CODE (see value codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | DATE           | TIME        | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |     |      |   |          |       |                 |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |              |             |             |             |             |              |
|--------|--------|--|---------------------------------------|-----------------------------|----------------|-------------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|-----|------|---|----------|-------|-----------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|--------------|
|        |        |  |                                       |                             |                |             |                           |                 | COLLECTED                         |                                |                  |     |      |   |          |       | Analysis Test ↓ |             |             |             |                         |                       |             |             |              |             |             |             |             |              |
|        |        |  |                                       |                             |                |             |                           |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |                 | COF-257-101 | COF-257-102 | COF-257-103 |                         |                       | COF-257-104 | COF-257-105 | COF-811-105  | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 |
| 1      | G122   | WT                                     | G                                     |                             |                |             |                           | 5               | 2                                 | 1                              | 1                | 1   |      |   |          |       |                 |             |             |             |                         |                       |             |             | 24020001-017 |             |             |             |             |              |
| 2      | G123   | WT                                     | G                                     |                             |                |             |                           | 5               | 2                                 | 1                              | 1                | 1   |      |   |          |       |                 |             |             |             |                         |                       |             |             | 24020001-018 |             |             |             |             |              |
| 3      | G124   | WT                                     | G                                     |                             |                |             |                           | 5               | 2                                 | 1                              | 1                | 1   |      |   |          |       |                 |             |             |             |                         |                       |             |             | 24020001-019 |             |             |             |             |              |
| 4      | G125   | WT                                     | G                                     |                             |                |             |                           | 6               | 2                                 | 1                              | 2                | 1   |      |   |          |       |                 |             |             |             |                         |                       |             |             | 24020001-020 |             |             |             |             |              |
| 5      | G126   | WT                                     | G                                     |                             |                |             |                           | 5               | 2                                 | 1                              | 1                | 1   |      |   |          |       |                 |             |             |             |                         |                       |             |             | 24020001-021 |             |             |             |             |              |
| 6      | G151   | WT                                     | G                                     |                             | <b>2-19-24</b> | <b>0911</b> |                           | 4               | 2                                 |                                | 1                | 1   |      |   |          |       |                 |             |             |             |                         |                       | X           |             | 24020001-022 |             |             |             |             |              |
| 7      | G152   | WT                                     | G                                     |                             | <b>2-19-24</b> | <b>1109</b> |                           | 4               | 2                                 |                                | 1                | 1   |      |   |          |       |                 |             |             |             |                         |                       | X           |             | 24020001-023 |             |             |             |             |              |
| 8      | G153   | WT                                     | G                                     |                             | <b>2-19-24</b> | <b>1009</b> |                           | 4               | 2                                 |                                | 1                | 1   |      |   |          |       |                 |             |             |             |                         |                       | X           |             | 24020001-024 |             |             |             |             |              |
| 9      | G154   | WT                                     | G                                     |                             | <b>2-19-24</b> | <b>0948</b> |                           | 5               | 2                                 |                                | 2                | 1   |      |   |          |       |                 |             |             |             |                         |                       | X           |             | 24020001-025 |             |             |             |             |              |
| 10     | G155   | WT                                     | G                                     |                             |                |             |                           | 4               | 2                                 |                                | 1                | 1   |      |   |          |       |                 |             |             | X           |                         | X                     |             |             | 24020001-026 |             |             |             |             |              |
| 11     | G200   | WT                                     | G                                     |                             |                |             |                           | 6               | 2                                 | 1                              | 2                | 1   |      |   |          |       |                 |             |             |             |                         | X                     |             |             | 24020001-027 |             |             |             |             |              |
| 12     | G206   | WT                                     | G                                     |                             |                |             |                           | 6               | 2                                 | 1                              | 2                | 1   |      |   |          |       |                 |             |             |             |                         | X                     |             | X           | 24020001-028 |             |             |             |             |              |
| 13     | G206D  | WT                                     | G                                     |                             |                |             |                           | 2               | 1                                 |                                | 1                |     |      |   |          |       |                 |             |             |             |                         | X                     |             |             | 24020001-029 |             |             |             |             |              |
| 14     | G207   | WT                                     | G                                     |                             |                |             |                           | 6               | 2                                 | 1                              | 2                | 1   |      |   |          |       |                 |             |             |             |                         | X                     |             |             | 24020001-030 |             |             |             |             |              |
| 15     | G208   | WT                                     | G                                     |                             |                |             |                           | 6               | 2                                 | 1                              | 2                | 1   |      |   |          |       |                 |             |             |             |                         | X                     |             |             | 24020001-031 |             |             |             |             |              |
| 16     | G209   | WT                                     | G                                     |                             |                |             |                           | 6               | 2                                 | 1                              | 2                | 1   |      |   |          |       |                 |             |             |             |                         | X                     |             |             | 24020001-032 |             |             |             |             |              |

| ADDIT       |  | COMMENTS       | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE           | TIME        | SAMPLE CONDITIONS |          |          |          |
|-------------|--|----------------|-------------------------------|-------------|-------------|---------------------------|----------------|-------------|-------------------|----------|----------|----------|
| <b>COF-</b> |  | <b>1 Rev 1</b> | <b>J. Colp</b>                | <b>2-19</b> | <b>1640</b> | <b>Justin Colp</b>        | <b>2/19/24</b> | <b>1140</b> | <b>8.5</b>        | <b>✓</b> | <b>✓</b> | <b>✓</b> |

|   |  |  |  |
|---|--|--|--|
| <b>SAMPLER NAME AND SIGNATURE</b>         |  |  |  |
| PRINT Name of SAMPLER: <b>Justin Colp</b> |  |  |  |
| SIGNATURE of SAMPLER: <i>[Signature]</i>  |  |  | DATE Signed (MM/DD/YY): <b>2-19-24</b> |

**# 190719/89460**  
**added HNO<sub>3</sub>(96331) to G270, G275D**  
**NaOH(95443) to G153**

**UH 2/20/24**



24020001

**CHAIN-OF-CUSTODY / Analytical Request Document**

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| Section A<br>Required Client Information:      |                               | Section B<br>Required Project Information:                 |                                  | Section C<br>Invoice Information: |                     |                       |
|--|-------------------------------|--|----------------------------------|-----------------------------------|---------------------|-----------------------|
| Company: <b>Vistra Corp</b>                    | Contact: <b>Brian Voelker</b> | Report To: <b>Brian Voelker</b>                            | Attention: <b>Jason Stuckey</b>  |                                   |                     |                       |
| Address: <b>134 CIP</b>                        |                               | Copy To: <b>Sam Davies-samantha.davies@visstracorp.com</b> | Company Name: <b>Vistra Corp</b> | <b>REGULATORY AGENCY</b>          |                     |                       |
|  |                               | John Romang - John.Romang@visstracorp.com                  | Address: <b>see Section A</b>    |                                   |                     |                       |
|  |                               | Scott Bell - Michael.Bell@visstracorp.com                  | Quote Reference:                 | <b>NPDES</b>                      | <b>GROUND WATER</b> | <b>DRINKING WATER</b> |
| Email To: <b>Brian Voelker@visstracorp.com</b> | Purchase Order No.:           | Project Name:  | Project Manager:                 | <b>UST</b>                        | <b>RCRA</b>         | <b>OTHER</b>          |
| Phone: <b>(217) 753-89</b>                     | Project Number: <b>2285</b>   | Profile #:   |                                  | <b>Site Location</b>              |                     |                       |
| Requested Due Date/Time: <b>10 day</b>         |                               |  |                                  | <b>STATE:</b> <b>IL</b>           |                     |                       |

| ITEM # | Section D<br>Required Client Info | Vendor Matrix Codes<br>MATRIX<br>DRINKING WATER DW<br>WATER WT<br>WATER WASTE LW<br>WATER WASTE P<br>WATER PRODUCT SOL<br>SOL SOLID OL<br>OL WF<br>AR OT<br>TS<br>WPE<br>AIR<br>OTHER<br>TSS/LE | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE (G=GRAB, C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |       |      |     |      |        |          |       |                 |             | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |              | Residual Chlorine (Y/N) | Project No. / Lab I.D. |                  |              |   |   |   |   |   |              |              |
|--------|-----------------------------------|---|--|------------------------------|-----------|------|---------------------------|-----------------|---------------|-------|------|-----|------|--------|----------|-------|-----------------|-------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------------------|------------------------|------------------|--------------|---|---|---|---|---|--------------|--------------|
|        |                                   |   |  |                              | DATE      | TIME |                           |                 | Unpreserved   | H2SO4 | HNO3 | HCl | NaOH | NaP2O3 | 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-WPCP-102 |                         |                        | COF-WPCP-103-104 | COF-WPCP-106 |   |   |   |   |   |              |              |
|        |                                   |   |  |                              |           |      |                           |                 |               |       |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              | Y | N | Y | N | Y | N            | Y            |
| 1      |                                   |   | G276                                     | WT G                         |           |      | 5                         | 2               | 1             | 1     | 1    |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   |              | 24020001-049 |
| 2      |                                   |   | G277                                     | WT G                         |           |      | 5                         | 2               | 1             | 1     | 1    |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-050 |              |
| 3      |                                   |   | G278                                     | WT G                         |           |      | 5                         | 2               | 1             | 1     | 1    |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-051 |              |
| 4      |                                   |   | G279                                     | WT G                         |           |      | 5                         | 2               | 1             | 1     | 1    |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-052 |              |
| 5      |                                   |   | G280                                     | WT G                         |           |      | 5                         | 2               | 1             | 1     | 1    |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-053 |              |
| 6      |                                   |   | G281                                     | WT G                         |           |      | 4                         | 1               |               | 2     | 1    |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-054 |              |
| 7      |                                   |   | G283                                     | WT G                         |           |      | 2                         | 1               |               | 1     |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-055 |              |
| 8      |                                   |   | G284                                     | WT G                         |           |      | 2                         | 1               |               | 1     |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-056 |              |
| 9      |                                   |   | G285                                     | WT G                         |           |      | 2                         | 1               |               | 1     |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-057 |              |
| 10     |                                   |   | G301                                     | WT G                         |           |      | 2                         | 1               |               | 1     |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-058 |              |
| 11     |                                   |   | G302                                     | WT G                         |           |      | 2                         | 1               |               | 1     |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-059 |              |
| 12     |                                   |   | G303                                     | WT G                         |           |      | 2                         | 1               |               | 1     |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-060 |              |
| 13     |                                   |   | G305                                     | WT G                         |           |      | 2                         | 1               |               | 1     |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-061 |              |
| 14     |                                   |   | G306                                     | WT G                         |           |      | 2                         | 1               |               | 1     |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-062 |              |
| 15     |                                   |   | G307                                     | WT G                         |           |      | 2                         | 1               |               | 1     |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-063 |              |
| 16     |                                   |   | G307D                                    | WT G                         |           |      | 2                         | 1               |               | 1     |      |     |      |        |          |       |                 |             |                                   |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |   |   |   |   |   | 24020001-064 |              |

| ADDIT       | MATERIALS COMMENTS | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE           | TIME        | SAMPLE CONDITIONS |   |  |
|-------------|--------------------|-------------------------------|-------------|-------------|---------------------------|----------------|-------------|-------------------|---|--|
|             |                    |                               |             |             |                           |                |             | Y                 | Z |  |
| <b>COF-</b> | <b>401 Rev 1</b>   | <b>J. Colp</b>                | <b>2-19</b> | <b>1640</b> | <b>Justin Colp</b>        | <b>2/19/24</b> | <b>1640</b> |                   |   |  |

| 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:     | <b>Justin Colp</b> |                           |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>[Signature]</i> | DATE Signed (MM/DD/YYYY): | <b>2-19-24</b>        |                             |                      |

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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|   |  |  |  |                                   |                           |                                   |               |
|---|--|--|--|-----------------------------------|---------------------------|-----------------------------------|---------------|
| Section A<br>Required Client Information: |  | Section B<br>Required Project Information: |  | Section C<br>Invoice Information: |                           | REGULATORY AGENCY                 |               |
| Company: Vistra Corp                      | Address: 134 CIP                         | Report To: Brian Voelker                   | Copy To: Sam Davies-samantha.davies@vistracorp.com | Attention: Jason Stuckey          | Company Name: Vistra Corp | NPDES GROUND WATER DRINKING WATER |               |
| Coffeeen, IL 61007                        | John Romang - John.Romang@vistracorp.com | Address: see Section A                     | Quote Reference:                                   | Project Manager:                  | UST RCRA OTHER            |                                   | Site Location |
| Email To: Brian Voelker                   | VistraCorp.com                           | Purchase Order No.:                        | Project Name:                                      | Profile #:                        | STATE: IL                 |                                   |               |
| Phone: (217) 753-89                       | 10 day                                   | Project Number: 2285                       |  |                                   |                           |                                   |               |

| ITEM # | MATRIX | MATERIAL CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Project No./ Lab I.D. |              |                  |              |                         |  |  |  |  |  |  |              |
|--------|--------|---|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|--------------|------------------|--------------|-------------------------|--|--|--|--|--|--|--------------|
|        |        |   |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 | Residual Chlorine (Y/N) |  |  |  |  |  |  |              |
| 1      | G308   | WT                                      | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                                   | X           |             |             |             |             |             |             |             |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-065 |
| 2      | G310   | WT                                      | G                           | 2/19/24   | 1124 |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                                   | X           |             |             |             |             |             |             |             |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-066 |
| 3      | G312   | WT                                      | G                           | 2/19/24   | 1411 |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                                   | X           |             |             |             |             |             |             |             |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-067 |
| 4      | G313   | WT                                      | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                                   | X           |             |             |             |             |             |             |             |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-068 |
| 5      | G314   | WT                                      | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                                   | X           |             |             |             |             |             |             |             |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-069 |
| 6      | G314D  | WT                                      | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                                   | X           |             |             |             |             |             |             |             |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-070 |
| 7      | G315   | WT                                      | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                                   | X           |             |             |             |             |             |             |             |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-071 |
| 8      | G316   | WT                                      | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |                                   | X           |             |             |             |             |             |             |             |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-072 |
| 9      | G401   | WT                                      | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |       |                                   | X           |             |             |             |             |             |             |             |             | X                     |              |                  |              |                         |  |  |  |  |  |  | 24020001-073 |
| 10     | G402   | WT                                      | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |       |                                   | X           |             |             |             |             |             |             |             | X           |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-074 |
| 11     | G403   | WT                                      | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |       |                                   | X           |             |             |             |             |             |             | X           |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-075 |
| 12     | G404   | WT                                      | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |       |                                   | X           |             |             |             |             |             |             | X           |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-076 |
| 13     | G405   | WT                                      | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |       |                                   | X           |             |             |             |             |             |             | X           |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-077 |
| 14     | G406   | WT                                      | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |       |                                   | X           |             |             |             |             |             |             | X           |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-078 |
| 15     | G407   | WT                                      | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |       |                                   | X           |             |             |             |             |             |             | X           |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-079 |
| 16     | G410   | WT                                      | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |       |                                   | X           |             |             |             |             |             |             | X           |             |                       |              |                  |              |                         |  |  |  |  |  |  | 24020001-080 |

|                     |                               |      |      |                           |         |      |                   |   |
|---------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|
| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |
| COF-845-1 Rev 1     | J. Colp                       | 2-19 | 1640 | Jason Stuckey             | 2/19/24 | 1640 | Y                 | N |

|                                    |                                   |            |                       |                             |                      |
|------------------------------------|-----------------------------------|------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE         |                                   | Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER: Justin Colp | SIGNATURE of SAMPLER: [Signature] |            |                       |                             |                      |
| DATE Signed (MM/DD/YYYY): 2-19-24  |                                   |            |                       |                             |                      |

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

| <b>Section A</b><br>Required Client Information: | <b>Section B</b><br>Required Project Information:         | <b>Section C</b><br>Invoice Information: | <b>Page: 6 of 7</b>  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
|--|---|--|--|-------------------|--|--|-------|--------------|----------------|-----|------|-------|---------------|--|----|--------|--|--|
| Company: <b>Vistra Corp</b>                      | Report To: <b>Brian Voelker</b>                           | Attention: <b>Jason Stuckey</b>          | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th align="center" colspan="3">REGULATORY AGENCY</th> </tr> <tr> <td align="center">NPDES</td> <td align="center">GROUND WATER</td> <td align="center">DRINKING WATER</td> </tr> <tr> <td align="center">UST</td> <td align="center">RCRA</td> <td align="center">OTHER</td> </tr> <tr> <td align="center" colspan="2">Site Location</td> <td align="center">IL</td> </tr> <tr> <td align="center" colspan="3">STATE:</td> </tr> </table> | REGULATORY AGENCY |  |  | NPDES | GROUND WATER | DRINKING WATER | UST | RCRA | OTHER | Site Location |  | IL | STATE: |  |  |
| REGULATORY AGENCY                                |   |  |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
| NPDES  | GROUND WATER  | DRINKING WATER                           |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
| UST  | RCRA  | OTHER                                    |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
| Site Location                                    |   | IL                                       |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
| STATE:   |   |  |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
| Address: <b>134 CIP Lane</b>                     | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> | Company Name: <b>Vistra Corp</b>         |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
| <b>Coffee, IL 617</b>                            | John Romang - John.Romang@vistracorp.com                  | Address: <b>see Section A</b>            |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
| Email To: <b>Brian.Voelker@vistracorp.com</b>    | Scott Bell- Michael.Bell@vistracorp.com                   | Quote Reference:                         |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
| Phone: <b>(217) 753-89</b>                       | Purchase Order No.:                                       | Project Manager:                         |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
| Requested Due Date/Time: <b>10 day</b>           | Project Name:   | Profile #:                               |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |
|  | Project Number: <b>2285</b>                               |  |  |                   |  |  |       |              |                |     |      |       |               |  |    |        |  |  |

| ITEM # | Section D<br>Required Client Info | Valid Matrix Codes | MATRIX | MATRIX CODE (base 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) | Residual Chlorine (Y/N) | Project No./ Lab I.D. |       |             |             |             |             |             |             |             |             |             |             |              |                  |              |
|--------|-----------------------------------|--------------------|--------|--|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|---------------|-----------------------------------|-------------------------|-----------------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|--------------|
|        |                                   |                    |        |  |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |               |                                   |                         |                       | Other | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |                                   |                    |        |  |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              |                  |              |
| 1      |                                   |                    |        |  | WT G                        |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-081     |              |
| 2      |                                   |                    |        |  | WT G                        |           |      |                           | 2               | 1             |                                | 1                |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-082     |              |
| 3      |                                   |                    |        |  | WT G                        |           |      |                           | 2               | 1             |                                | 1                |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-083     |              |
| 4      |                                   |                    |        |  | WT G                        |           |      |                           | 2               | 1             |                                | 1                |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-084     |              |
| 5      |                                   |                    |        |  | WT G                        |           |      |                           | 2               | 1             |                                | 1                |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-085     |              |
| 6      |                                   |                    |        |  | WT G                        |           |      |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-086     |              |
| 7      |                                   |                    |        |  | WT G                        |           |      |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-087     |              |
| 8      |                                   |                    |        |  | WT G                        |           |      |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-088     |              |
| 9      |                                   |                    |        |  | WT G                        |           |      |                           | 0               |               |                                |                  |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-089     |              |
| 10     |                                   |                    |        |  | WT G                        |           |      |                           | 0               |               |                                |                  |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-090     |              |
| 11     |                                   |                    |        |  | WT G                        |           |      |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-091     |              |
| 12     |                                   |                    |        |  | WT G                        |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-092     |              |
| 13     |                                   |                    |        |  | WT G                        |           |      |                           | 2               | 1             |                                | 1                |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-093     |              |
| 14     |                                   |                    |        |  | WT G                        |           |      |                           | 2               | 1             |                                | 1                |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-094     |              |
| 15     |                                   |                    |        |  | WT G                        |           |      |                           | 2               | 1             |                                | 1                |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-095     |              |
| 16     |                                   |                    |        |  | WT G                        |           |      |                           | 0               |               |                                |                  |     |      |   |          |               |                                   |                         |                       |       |             |             |             |             |             |             |             |             |             |             |              | 24020001-096     |              |

| ADDITIONAL COMMENTS   | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE           | TIME        | SAMPLE CONDITIONS |   |  |
|-----------------------|-------------------------------|-------------|-------------|---------------------------|----------------|-------------|-------------------|---|--|
|                       |                               |             |             |                           |                |             | Y                 | Z |  |
| <b>COF- 401 Rev 1</b> | <b>J Colp</b>                 | <b>2-19</b> | <b>1640</b> | <b>Justin Colp</b>        | <b>2/19/24</b> | <b>1640</b> |                   |   |  |

| SAMPLER NAME AND SIGNATURE |                    |                         |                |
|----------------------------|--------------------|-------------------------|----------------|
| PRINT Name of SAMPLER:     | <b>Justin Colp</b> | DATE Signed (MM/DD/YY): | <b>2-19-24</b> |
| SIGNATURE of SAMPLER:      |                    |                         |                |

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |   |  |  |  |                           |
|--|---|--|--|--|---------------------------|
| <b>Section A</b><br>Required Client Information: |   | <b>Section B</b><br>Required Project Information:                                    |  | <b>Section C</b><br>Invoice Information: |                           |
| Company: Vistra Corp                             | Address: 134 CIP Lane<br>Coffee, IL 60017 | Report To: Brian Voelker   | Copy To: Sam Davies-samantha.davies@vistracorp.com | Attention: Jason Stuckey                 | Company Name: Vistra Corp |
| Email To: Brian Voelker@vistracorp.com           | Phone: (217) 753-8971                     | John Romang - John.Romang@vistracorp.com<br>Scott Bell - Michael.Bell@vistracorp.com | Purchase Order No.:                                | Address: see Section A                   | Quote Reference:          |
| Requested Due Date/T: 10 day                     | Project Name:                             | Project Number: 2285   | Project Manager:                                   | Profile #:                               |                           |

| REGULATORY AGENCY |              |                |
|-------------------|--------------|----------------|
| NPDES             | GROUND WATER | DRINKING WATER |
| UST               | RCRA         | OTHER          |
| Site Location     |              | IL             |
| STATE:            |              |                |

| ITEM # | Section D<br>Required Client Information | MATRIX | MATERIAL 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) |  |  |  |  |  |  |  |              |  | Residual Chlorine (Y/N) | Project No./ Lab I.D. |
|--------|--|--------|---|-----------------------------|-----------|---------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|--|--|---------------|-----------------------------------|--|--|--|--|--|--|--|--------------|--|-------------------------|-----------------------|
|        |  |        |   |                             | DATE      | TIME    |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |  |  |               |                                   |  |  |  |  |  |  |  |              |  |                         |                       |
|        |  |        |   |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  |              |  |                         |                       |
| 1      | Field Blank                              |        | WT                                      | G                           |           |         | 7                         | 2               | 2             | 2                              | 2                | 1   |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  | 24020001-097 |  |                         |                       |
| 2      | 3102 Duplicate                           |        | WT                                      | G                           |           |         | 7                         | 2               | 2             | 2                              | 2                | 1   |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  | 24020001-098 |  |                         |                       |
| 3      | 3200 Duplicate                           |        | WT                                      | G                           |           |         | 6                         | 2               | 1             | 2                              | 2                | 1   |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  | 24020001-099 |  |                         |                       |
| 4      | 3273 Duplicate                           |        | WT                                      | G                           |           | 2-19-24 | 1318                      | 6               | 2             | 1                              | 2                | 1   |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  | 24020001-100 |  |                         |                       |
| 5      | 3301 Duplicate                           |        | WT                                      | G                           |           | 2/19/24 | 1263                      | 2               | 1             |                                | 1                |     |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  | 24020001-101 |  |                         |                       |
| 6      | 3201 Duplicate                           |        | WT                                      | G                           |           |         |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  | 24020001-102 |  |                         |                       |
| 7      | Equipment Blank 1                        |        | WT                                      | G                           |           |         |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  | 24020001-103 |  |                         |                       |
| 8      | Equipment Blank 2                        |        | WT                                      | G                           |           |         |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  | 24020001-104 |  |                         |                       |
| 9      | Equipment Blank 3                        |        | WT                                      | G                           |           |         |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  | 24020001-105 |  |                         |                       |
| 10     |  |        |   |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  |              |  |                         |                       |
| 11     |  |        |   |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  |              |  |                         |                       |
| 12     |  |        |   |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  |              |  |                         |                       |
| 13     |  |        |   |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  |              |  |                         |                       |
| 14     |  |        |   |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  |              |  |                         |                       |
| 15     |  |        |   |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  |              |  |                         |                       |
| 16     |  |        |   |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |       |  |  |               |                                   |  |  |  |  |  |  |  |              |  |                         |                       |

|                     |                               |      |      |                           |         |      |                   |   |  |
|---------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|--|
| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |  |
| COF- 401 Rev 1      | J. Colp                       | 2-19 | 1640 | Justin Colp               | 2/19/24 | 1640 | >                 | 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 Colp        |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>Justin Colp</i> | DATE Signed (MM/DD/YY): | 2-19-24               |                             |                      |

**24020001**

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |   |  |   |  |  |
|--|---|--|---|--|--|
| <b>Section A</b><br>Required Client Information: | <b>Section B</b><br>Required Project Information:         | <b>Section C</b><br>Invoice Information: | <b>REGULATORY AGENCY</b>  |  |  |
| Company: <b>Vistra Corp</b>                      | Report To: <b>Brian Voelker</b>                           | Attention: <b>Jason Stuckey</b>          |   |  |  |
| Address: <b>134 CIP</b>                          | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> | Company Name: <b>Vistra Corp</b>         | NPDES      GROUND WATER      DRINKING WATER<br>UST      RCRA      OTHER |  |  |
| <b>Coffee.</b>                                   | <b>John Romang - John.Romang@vistracorp.com</b>           | Address: <b>see Section A</b>            |   |  |  |
| Email To: <b>John.Romang@vistracorp.com</b>      | <b>Scott Bell - Michael.Bell@vistracorp.com</b>           | Quote Reference:                         | Site Location: <b>IL</b><br>STATE:                                      |  |  |
| Phone: <b>(217) 753-89</b>                       | Purchase Order No.:                                       | Project Manager:                         |   |  |  |
| Requested Due Date/T                             | <b>10 day</b>   | Profile #:                               |   |  |  |

| ITEM # | MATRIX CODES | MATRIX CODE | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       |             |             | Analysis Test | Residual Chlorine (Y/N) | Project No. / Lab I.D. |             |             |             |             |             |             |             |             |              |                  |              |
|--------|--------------|-------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-------------|-------------|---------------|-------------------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|--------------|
|        |              |             |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other | COF-257-101 | COF-257-102 |               |                         |                        | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |              |             |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              |                  |              |
| 1      | G276         | *           | WT G                        | 2-20-24   | 0921 | 5                         | 2               | 1             | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-049     |              |
| 2      | G277         |             | WT G                        | 2-20-24   | 0940 | 5                         | 2               | 1             | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-050     |              |
| 3      | G278         |             | WT G                        |           |      | 5                         | 2               | 1             | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-051     |              |
| 4      | G279         |             | WT G                        | 2-20-24   | 1025 | 5                         | 2               | 1             | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-052     |              |
| 5      | G280         |             | WT G                        | 2-20-24   | 1110 | 5                         | 2               | 1             | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-053     |              |
| 6      | G281         |             | WT G                        |           |      | 4                         | 1               |               | 2                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-054     |              |
| 7      | G283         |             | WT G                        |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-055     |              |
| 8      | G284         | *           | WT G                        | 2/20/24   | 1426 | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-056     |              |
| 9      | G285         |             | WT G                        | 2/20/24   | 1318 | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-057     |              |
| 10     | G301         |             | WT G                        |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-058     |              |
| 11     | G302         |             | WT G                        |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-059     |              |
| 12     | G303         |             | WT G                        |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-060     |              |
| 13     | G305         |             | WT G                        |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-061     |              |
| 14     | G306         |             | WT G                        |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-062     |              |
| 15     | G307         |             | WT G                        |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-063     |              |
| 16     | G307D        |             | WT G                        |           |      | 2                         | 1               |               | 1                              |                  |     |      |   |          |       |             |             |               |                         |                        |             |             |             |             |             |             |             |             |              | 24020001-064     |              |

| ADDN | COMMENTS            | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |   |   |
|------|---------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|---|---|
|      | <b>COF- 1 Rev 1</b> | <i>J. Colp</i>                | 2-20 | 1635 | <i>Smay, Deane</i>        | 2/20/24 | 1635 | 11.1              | Y | Z | Y |

\* Added HNO<sub>3</sub> (916331) um 2/20  
 Added H<sub>2</sub>SO<sub>4</sub> & NaOH to R201 (94915) (95443)

| 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>Justin Colp</i> |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>Justin Colp</i> | DATE Signed (MM/DD/YY): | 2-20-24               |                             |                      |

*LCG*

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |                          |  |       |
|--|--|---|--------------------------|--|-------|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information: |                          | <b>Section C</b><br>Invoice Information: |       |
| Company: <b>Vistra Corp</b>                      | Report To: <b>Brian Voelker</b>  | Attention: <b>Jason Stuckey</b>                   |                          |  |       |
| Address: <b>134 CIP: Coffee, 7</b>               | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b>  | Company Name: <b>Vistra Corp</b>                  | <b>REGULATORY AGENCY</b> |  |       |
| Email To: <b>Sam Davies</b>                      | <b>John Romang - John.Romang@vistracorp.com</b><br><b>Scott Bell - Michael.Bell@vistracorp.com</b> | Address: <b>see Section A</b>                     |                          |  |       |
| Phone: <b>(217) 753-8934</b>                     | Purchase Order No.:  | Quote Reference:                                  | UST                      | RCRA                                     | OTHER |
| Requested Due Date/Time: <b>10 day</b>           | Project Name:  | Project Manager:                                  | Site Location            |  | IL    |
|  | Project Number: <b>2285</b>  | Profile #:  | STATE:                   |  |       |

| ITEM # | Section D<br>Required Client Information | VENDOR MATRIX CODES | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          | Requested Analysis Filtered (Y/N) |               |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |              |
|--------|--|---------------------|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-----------------------------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|--------------|
|        |  |                     |                                       |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| 1      |  | G308                | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-065 |
| 2      |  | G310                | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-066 |
| 3      |  | G312                | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-067 |
| 4      |  | G313                | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-068 |
| 5      |  | G314                | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-069 |
| 6      |  | G314D               | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-070 |
| 7      |  | G315                | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-071 |
| 8      |  | G316                | WT                                    | G                           |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-072 |
| 9      |  | G401                | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-073 |
| 10     |  | G402                | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-074 |
| 11     |  | G403                | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-075 |
| 12     |  | G404                | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-076 |
| 13     |  | G405                | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-077 |
| 14     |  | G406                | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-078 |
| 15     |  | G407                | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-079 |
| 16     |  | G410                | WT                                    | G                           |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                                   |               | X           |             |             |             |             |             |             |             |                         |                       | 24020001-080 |

| ADDRESS | COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME  | SAMPLE CONDITIONS |   |  |
|---------|----------|-------------------------------|------|------|---------------------------|---------|-------|-------------------|---|--|
| COF-    | 1 Rev 1  | J. Colp                       | 2-20 | 1635 | Uma Owsals                | 2/20/24 | 11:35 | Y                 | Z |  |

|                            |             |  |                                 |
|----------------------------|-------------|--|---------------------------------|
| SAMPLER NAME AND SIGNATURE |             |  |                                 |
| PRINT Name of SAMPLER:     | Justin Colp |  |                                 |
| SIGNATURE of SAMPLER:      | [Signature] |  | DATE Signed (MM/DD/YY): 2-20-24 |



### CHAIN-OF-CUSTODY / Analytical Request Document

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|   |               |   |                                 |   |  |  |  |
|---|---------------|---|---------------------------------|---|--|--|--|
| <b>Section A</b><br>Required Client Information |               | <b>Section B</b><br>Required Project Information:         |                                 | <b>Section C</b><br>Invoice Information:                          |  | REGULATORY AGENCY<br>NPDES      GROUND WATER      DRINKING WATER<br>UST      RCRA      OTHER |  |
| Company: <b>Vistra Corp</b>                     | <b>Teen</b>   | Report To: <b>Brian Voelker</b>                           | Attention: <b>Jason Stuckey</b> | Company Name: <b>Vistra Corp</b><br>Address: <b>see Section A</b> |  |  |  |
| Address: <b>134 CIP</b>                         | <b>17</b>     | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |                                 |   |  |  |  |
| <b>Coffeen</b>                                  |               | <b>John Romang - John.Romang@vistracorp.com</b>           | Quote Reference:                | Site Location<br>STATE: <b>IL</b>                                 |  |  |  |
| Email To: <b>Brian Voelker@vistracorp.com</b>   |               | <b>Scott Bell - Michael.Bell@vistracorp.com</b>           | Project Manager:                |   |  |  |  |
| Phone: <b>(217) 753-89</b>                      | <b>ax</b>     | Purchase Order No.:                                       | Profile #:                      | Project Name:<br>Project Number: <b>2285</b>                      |  |  |  |
| Requested Due Date:                             | <b>10 day</b> |   |                                 |   |  |  |  |

| ITEM # | Section D<br>Required Client Information | Vendor Matrix Codes | MATRIX CODE (use vendor codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |       | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       | Analysis Test (Y/N) | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |             |              |
|--------|--|---------------------|--|-----------------------------|-----------|-------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        |  |                     |  |                             | DATE      | TIME  |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| 1      |  | G411                | *                                      | WT G                        | 2/20/24   | 1213  | 4                         | 1               | 2             | 1                              |                  |     |      |   |          |       |                     |                         |                       |             |             |             |             |             |             |             | 24020001-081 |
| 2      |  | L201                |  | WT G                        |           |       | 2                         | 1               | 1             |                                |                  |     |      | X   |          |       |                     |                         |                       |             |             |             |             |             |             |             | 24020001-082 |
| 3      |  | L202                |  | WT G                        |           |       | 2                         | 1               | 1             |                                |                  |     |      | X   |          |       |                     |                         |                       |             |             |             |             |             |             |             | 24020001-083 |
| 4      |  | L203                |  | WT G                        |           |       | 2                         | 1               | 1             |                                |                  |     |      | X   |          |       |                     |                         |                       |             |             |             |             |             |             |             | 24020001-084 |
| 5      |  | NE Riser            |  | WT G                        |           |       | 2                         | 1               | 1             |                                |                  |     | X    |   |          |       | X                   |                         |                       |             |             |             |             |             |             |             | 24020001-085 |
| 6      |  | R104                |  | WT G                        |           | 1405  | 7                         | 2               | 2             | 2                              | 1                |     |      |   | X        |       |                     |                         |                       |             | X           |             |             |             |             |             | 24020001-086 |
| 7      |  | R201                | *                                      | WT G                        | 2-20-24   | 15877 | 6                         | 2               | 1             | 2                              | 1                |     |      | X   | X        |       |                     | X                       |                       |             | X           |             |             |             |             |             | 24020001-087 |
| 8      |  | R205                |  | WT G                        |           |       | 6                         | 2               | 1             | 2                              | 1                |     |      |   |          |       |                     |                         |                       |             | X           |             |             |             |             |             | 24020001-088 |
| 9      |  | SG-02               |  | WT G                        |           |       | 0                         |                 |               |                                |                  |     | X    | X   |          |       | X                   | X                       |                       |             |             |             |             |             |             |             | 24020001-089 |
| 10     |  | SG-03               |  | WT G                        |           |       | 0                         |                 |               |                                |                  |     | X    | X   |          |       | X                   | X                       |                       |             |             |             |             |             |             |             | 24020001-090 |
| 11     |  | T127                |  | WT G                        | 2-20-24   | 1258  | 6                         | 2               | 1             | 2                              | 1                |     |      |   | X        | X     |                     |                         |                       |             |             |             |             |             |             |             | 24020001-091 |
| 12     |  | T128                |  | WT G                        |           |       | 5                         | 2               | 1             | 1                              | 1                |     |      |   |          |       |                     |                         |                       |             |             |             |             |             |             |             | 24020001-092 |
| 13     |  | X201                |  | WT G                        | 2-20-24   | 0847  | 2                         | 1               | 1             |                                |                  |     |      | X   |          |       |                     |                         |                       |             |             |             |             |             |             |             | 24020001-093 |
| 14     |  | XPW01               |  | WT G                        |           |       | 2                         | 1               | 1             |                                |                  |     | X    |   |          |       | X                   |                         |                       |             |             |             |             |             |             |             | 24020001-094 |
| 15     |  | XPW02               |  | WT G                        |           |       | 2                         | 1               | 1             |                                |                  |     | X    |   |          |       | X                   |                         |                       |             |             |             |             |             |             |             | 24020001-095 |
| 16     |  | XSG-01              |  | WT G                        |           |       | 0                         |                 |               |                                |                  |     | X    |   |          |       | X                   |                         |                       |             |             |             |             |             |             |             | 24020001-096 |

|                     |                               |      |      |                           |         |      |                   |
|---------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|
| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |
| COF-1 Rev 1         | J. Colp                       | 2-20 | 1635 | Justin Colp               | 2/20/24 | 1635 | Y      Z          |

\* R201 Filter in lab JC

|                            |             |                         |                       |                             |                      |
|----------------------------|-------------|-------------------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE |             | Temp in °C              | Received on ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER:     | JUSTIN COLP |                         |                       |                             |                      |
| SIGNATURE OF SAMPLER:      | [Signature] | DATE Signed (MM/DD/YY): | 2-20-24               |                             |                      |

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

| Section A<br>Required Client Information |  | Section B<br>Required Project Information: |                        | Section C<br>Invoice Information:                  |                           | REGULATORY AGENCY |              |                |
|--|--|--|------------------------|--|---------------------------|-------------------|--------------|----------------|
| Company: Vistra Corp - Coffee            | Report To: Brian Voelker                 | Attention: Jason Stuckey                   | Address: 134 CIPS Lane | Copy To: Sam Davies-samantha.davies@vistracorp.com | Company Name: Vistra Corp | NPDES             | GROUND WATER | DRINKING WATER |
| Address: 134 CIPS Lane                   | John Romang - John.Romang@vistracorp.com | Address: see Section A                     | Coffeeen, IL 62017     | Scott Bell - Michael.Bell@vistracorp.com           | Quote Reference:          | UST               | RCRA         | OTHER          |
| Email To: Brian.Voelker@VistraCorp.com   | Purchase Order No.:                      | Project Name:                              | Phone: (217) 753-8911  | Project Manager:                                   | Profile #:                | Site Location     |              |                |
| Requested Due Date/TAT: 10 day           | Project Number: 2285                     |  |                        |  | STATE: IL                 |                   |              |                |

| ITEM # | Section D<br>Required Client Information | Matrix Codes | MATRIX<br>DRINKING WATER DAY<br>WATER WWT<br>WASTE P<br>WATER PRODUCT SL<br>SOL/SOLID CL<br>WPE AR<br>OTHER TISSUE | COLLECTED<br>DATE | TIME    | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |              |                  |              |
|--------|--|--------------|--|-------------------|---------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|--------------|------------------|--------------|
|        |  |              |  |                   |         |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |  |              |  |                   |         |                           |                 |               |                                |                  |     |      |   |          |       |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |
| 1      | Field Blank                              | WT           | G  |                   |         |                           | 7               | 2             | 2                              | 2                | 2   | 1    |   |          |       |                                   |             | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                     | X           | X            |                  | 24020001-097 |
| 2      | G102 Duplicate                           | WT           | G  |                   |         |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          | X     | X                                 |             |             |             |             |             |             |             | X           |             |                         |                       |             |              | 24020001-098     |              |
| 3      | G200 Duplicate                           | WT           | G  |                   |         |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |       | X                                 |             |             |             |             |             |             |             | X           |             |                         |                       |             |              | 24020001-099     |              |
| 4      | G273 Duplicate                           | WT           | G  |                   |         |                           | 6               | 2             | 1                              | 2                | 1   |      |   | X        |       |                                   |             |             |             |             |             | X           |             | X           |             |                         |                       |             |              | 24020001-100     |              |
| 5      | G301 Duplicate                           | WT           | G  |                   |         |                           | 2               | 1             | 1                              |                  |     |      |   | X        |       |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              | 24020001-101     |              |
| 6      | R201 Duplicate                           | WT           | G  |                   | 2-20-24 | 1405                      | 6               | 2             | 1                              | 2                | 1   |      |   |          | X     |                                   | X           |             |             |             | X           |             | X           |             |             |                         |                       |             |              | 24020001-102     |              |
| 7      | Equipment Blank 1                        | WT           | G  |                   |         |                           | 7               | 2             | 2                              | 2                | 1   |      |   | X        | X     | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                     | X           | X            | 24020001-103     |              |
| 8      | Equipment Blank 2                        | WT           | G  |                   |         |                           | 7               | 2             | 2                              | 2                | 1   |      |   | X        | X     | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                     | X           | X            | 24020001-104     |              |
| 9      | Equipment Blank 3                        | WT           | G  |                   |         |                           | 7               | 2             | 2                              | 2                | 1   |      |   | X        | X     | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                     | X           | X            | 24020001-105     |              |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |
|---------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|
| COF-24Q1 Rev 1      | J. Colp                       | 2-20 | 1635 | Justin Colp               | 2-20-24 | 1635 | Y N               |

| SAMPLER NAME AND SIGNATURE |                       | Temp in °C | Received on ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
|----------------------------|-----------------------|------------|-----------------------|-----------------------------|----------------------|
| PRINT Name of SAMPLER:     | SIGNATURE of SAMPLER: |            |                       |                             |                      |
| Justin Colp                | <i>Justin Colp</i>    |            |                       |                             |                      |
|                            |                       |            |                       |                             |                      |

### CHAIN-OF-CUSTODY / Analytical Request Document

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# 24020001

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|--|--|---|--|--|--|---|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:                                   |  | <b>Section C</b><br>Invoice Information: |  | Page: <b>1</b> of <b>7</b>                                      |  |
| Company: <b>Vistra Corp-Coffee</b>               |  | Report To: <b>Brian Voelker</b>   |  | Attention: <b>Jason Stuckey</b>          |  | <b>REGULATORY AGENCY</b>  |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b>                           |  | Company Name: <b>Vistra Corp</b>         |  |   |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com<br>Scott Bell- Michael.Bell@vistracorp.com |  | Address: <b>see Section A</b>            |  |   |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Purchase Order No.:   |  | Quote Reference:                         |  | NPDES    GROUND WATER    DRINKING WATER<br>UST    RCRA    OTHER |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Project Name:   |  | Project Manager:                         |  |   |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Number: <b>2285</b>   |  | Profile #:                               |  | Site Location: <b>IL</b><br>STATE:                              |  |

| ITEM # | Section D<br>Required Client Information | MATRIX CODES | MATRIX | COLLECTED | DATE    | TIME | MATRIX CODE (see value codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       |               |             |             | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |              |              |                  |              | Project No./ Lab I.D. |
|--------|--|--------------|--------|-----------|---------|------|---------------------------------------|-----------------------------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------|-------------|-------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|------------------|--------------|-----------------------|
|        |  |              |        |           |         |      |                                       |                             |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |                       |
| 1      |  | AP2D         | WT     | G         | 7-21-24 | 1454 |                                       |                             |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |               |             |             |                                   |             |             |             |             |             |             | 24020001-001 |              |                  |              |                       |
| 2      |  | G1001        | WT     | G         |         |      |                                       |                             |                           | 2               | 1             | 1                              |                  |     |      |   |          |       |               |             |             |                                   |             |             |             |             |             |             | 24020001-002 |              |                  |              |                       |
| 3      |  | G1003        | WT     | G         | 7-21-24 | 1827 |                                       |                             |                           | 4               | 1             | 3                              |                  |     |      |   |          |       |               |             |             |                                   |             |             |             |             |             |             | 24020001-003 |              |                  |              |                       |
| 4      |  | G101         | WT     | G         |         |      |                                       |                             |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |               |             |             |                                   |             |             |             | X           |             |             | 24020001-004 |              |                  |              |                       |
| 5      |  | G102         | WT     | G         |         |      |                                       |                             |                           | 7               | 2             | 2                              | 2                |     |      |   |          |       |               |             |             |                                   |             |             | X           | X           |             |             | 24020001-005 |              |                  |              |                       |
| 6      |  | G103         | WT     | G         |         |      |                                       |                             |                           | 7               | 2             | 2                              | 2                |     |      |   |          |       |               |             |             |                                   |             |             |             | X           |             |             | 24020001-006 |              |                  |              |                       |
| 7      |  | G105         | WT     | G         |         |      |                                       |                             |                           | 7               | 2             | 2                              | 2                |     |      |   |          |       |               |             |             |                                   |             |             |             | X           |             |             | 24020001-007 |              |                  |              |                       |
| 8      |  | G106         | WT     | G         |         |      |                                       |                             |                           | 7               | 2             | 2                              | 2                |     |      |   |          |       |               |             |             |                                   |             |             | X           |             | X           |             | 24020001-008 |              |                  |              |                       |
| 9      |  | G107         | WT     | G         |         |      |                                       |                             |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |               |             |             |                                   |             |             |             |             | X           |             | 24020001-009 |              |                  |              |                       |
| 10     |  | G108         | WT     | G         |         |      |                                       |                             |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |               |             |             |                                   |             |             |             | X           |             |             | 24020001-010 |              |                  |              |                       |
| 11     |  | G109         | WT     | G         |         |      |                                       |                             |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |               |             |             |                                   |             |             |             | X           |             |             | 24020001-011 |              |                  |              |                       |
| 12     |  | G110         | WT     | G         |         |      |                                       |                             |                           | 6               | 2             | 1                              | 2                |     |      |   |          |       |               |             |             |                                   |             |             | X           | X           |             |             | 24020001-012 |              |                  |              |                       |
| 13     |  | G111         | WT     | G         |         |      |                                       |                             |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |               |             |             |                                   |             |             |             | X           |             |             | 24020001-013 |              |                  |              |                       |
| 14     |  | G119         | WT     | G         |         |      |                                       |                             |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |               |             |             |                                   |             |             |             | X           |             |             | 24020001-014 |              |                  |              |                       |
| 15     |  | G120         | WT     | G         |         |      |                                       |                             |                           | 6               | 2             | 1                              | 2                |     |      |   |          |       |               |             |             |                                   |             |             | X           | X           |             |             | 24020001-015 |              |                  |              |                       |
| 16     |  | G121         | WT     | G         |         |      |                                       |                             |                           | 5               | 2             | 1                              | 1                |     |      |   |          |       |               |             |             |                                   |             |             |             | X           |             |             | 24020001-016 |              |                  |              |                       |

| ADDITIONAL COMMENTS   | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE        | TIME        | SAMPLE CONDITIONS |   |   |   |
|-----------------------|-------------------------------|-------------|-------------|---------------------------|-------------|-------------|-------------------|---|---|---|
| <b>COF-24Q1 Rev 1</b> | <i>J. Cole</i>                | <i>7/21</i> | <i>1635</i> | <i>Justin Cole</i>        | <i>7/21</i> | <i>1635</i> | 10.3              | > | = | Y |

|                                   |                    |                |
|-----------------------------------|--------------------|----------------|
| <b>SAMPLER NAME AND SIGNATURE</b> |                    | Temp in °C     |
| PRINT Name of SAMPLER:            | <i>Justin Cole</i> |                |
| SIGNATURE of SAMPLER:             | <i>Justin Cole</i> |                |
| DATE Signed (MM/DD/YY):           |                    | <i>7-21-24</i> |

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**CHAIN-OF-CUSTODY / Analytical Request Document**

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| <b>Section A</b><br>Required Client Information: | <b>Section B</b><br>Required Project Information:                                   | <b>Section C</b><br>Invoice Information: | Page: <b>2</b> of <b>7</b>                     |
| Company: <b>Vistra Corp-Coffeen</b>              | Report To: <b>Brian Voelker</b>   | Attention: <b>Jason Stuckey</b>          |  |
| Address: <b>134 CIPS Lane</b>                    | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b>                           | Company Name: <b>Vistra Corp</b>         | <b>REGULATORY AGENCY</b>                       |
| <b>Coffeen, IL 62017</b>                         | John Romang - John.Romang@vistracorp.com<br>Scott Bell- Michael Bell@vistracorp.com | Address: <b>see Section A</b>            | <b>NPDES    GROUND WATER    DRINKING WATER</b> |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    | Purchase Order No.:   | Quote Reference:                         | <b>UST    RCRA    OTHER</b>                    |
| Phone: <b>(217) 753-8911</b> Fax:                | Project Name:   | Project Manager:                         | <b>Site Location</b><br>IL                     |
| Requested Due Date/TAT: <b>10 day</b>            | Project Number: <b>2285</b>   | Profile #:                               | <b>STATE:</b>                                  |

| ITEM # | Section D<br>Required Client Information<br><br><b>SAMPLE ID</b><br>(A-Z, 0-9 / -)<br>Sample IDs MUST<br>BE UNIQUE | Requested Analysis Filtered (Y/N) |      |               |                                |                  |     |      |   |          |       | Residual Chlorine (Y/N) | Project No./ Lab I.D. |               |             |             |             |             |             |             |             |             |             |             |              |                  |              |              |
|--------|--|-----------------------------------|------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-------------------------|-----------------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|--------------|--------------|
|        |  | COLLECTED                         |      | Preservatives |                                |                  |     |      |   |          |       |                         |                       | Analysis Test |             |             |             |             |             |             |             |             |             |             |              |                  |              |              |
|        |  | DATE                              | TIME | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |                         |                       |               | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |              |
| 1      | G122   | WT                                | G    | 5             | 2                              | 1                | 1   |      |   |          |       |                         |                       | X             |             |             |             |             |             |             |             |             |             |             |              |                  |              | 24020001-017 |
| 2      | G123   | WT                                | G    | 5             | 2                              | 1                | 1   |      |   |          |       |                         |                       | X             |             |             |             |             |             |             |             |             |             |             |              |                  |              | 24020001-018 |
| 3      | G124   | WT                                | G    | 5             | 2                              | 1                | 1   |      |   |          |       |                         |                       | X             |             |             |             |             |             |             |             |             |             |             |              |                  |              | 24020001-019 |
| 4      | G125   | WT                                | G    | 6             | 2                              | 1                | 2   |      |   |          |       |                         |                       | X             | X           |             |             |             |             |             |             |             |             |             |              |                  |              | 24020001-020 |
| 5      | G126   | WT                                | G    | 5             | 2                              | 1                | 1   |      |   |          |       |                         |                       | X             |             |             |             |             |             |             |             |             |             |             |              |                  |              | 24020001-021 |
| 6      | G151   | WT                                | G    | 4             | 2                              |                  | 1   |      |   |          |       |                         |                       |               |             |             |             |             |             |             |             |             |             | X           |              |                  |              | 24020001-022 |
| 7      | G152   | WT                                | G    | 4             | 2                              |                  | 1   |      |   |          |       |                         |                       |               |             |             |             |             |             |             |             |             |             | X           |              |                  |              | 24020001-023 |
| 8      | G153   | WT                                | G    | 4             | 2                              |                  | 1   |      |   |          |       |                         |                       |               |             |             |             |             |             |             |             |             |             | X           |              |                  |              | 24020001-024 |
| 9      | G154   | WT                                | G    | 5             | 2                              |                  | 2   |      |   |          |       |                         |                       |               |             |             |             |             |             |             |             |             | X           | X           |              |                  |              | 24020001-025 |
| 10     | G155   | WT                                | G    | 4             | 2                              |                  | 1   |      |   |          |       |                         |                       |               |             |             |             |             |             |             |             |             |             | X           |              |                  |              | 24020001-026 |
| 11     | G200   | WT                                | G    | 2-21-24       | 1603                           | 8                | 2   | 1    | 2   |          |       |                         |                       |               | X           | X           |             |             |             |             |             |             |             | X           | X            |                  |              | 24020001-027 |
| 12     | G206   | WT                                | G    | 6             | 2                              | 1                | 2   |      |   |          |       |                         |                       |               | X           |             |             |             |             |             |             |             |             | X           | X            |                  |              | 24020001-028 |
| 13     | G206D  | WT                                | G    | 2             | 1                              |                  | 1   |      |   |          |       |                         |                       |               | X           |             |             |             |             |             |             |             |             | X           |              |                  |              | 24020001-029 |
| 14     | G207   | WT                                | G    | 6             | 2                              | 1                | 2   |      |   |          |       |                         |                       |               |             |             |             |             |             |             |             |             |             | X           |              |                  |              | 24020001-030 |
| 15     | G208   | WT                                | G    | 6             | 2                              | 1                | 2   |      |   |          |       |                         |                       |               |             |             |             |             |             |             |             |             |             | X           | X            |                  |              | 24020001-031 |
| 16     | G209   | WT                                | G    | 6             | 2                              | 1                | 2   |      |   |          |       |                         |                       |               | X           |             |             |             |             |             |             |             |             | X           | X            |                  |              | 24020001-032 |

| ADDITIONAL COMMENTS   | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE        | TIME        | SAMPLE CONDITIONS |
|-----------------------|-------------------------------|-------------|-------------|---------------------------|-------------|-------------|-------------------|
| <b>COF-24Q1 Rev 1</b> | <i>J Colp</i>                 | <b>2-21</b> | <b>1635</b> | <i>Justin Wood</i>        | <b>2/21</b> | <b>1635</b> | Y    Z            |

|                                   |                       |  |
|-----------------------------------|-----------------------|--|
| <b>SAMPLER NAME AND SIGNATURE</b> |                       |  |
| PRINT Name of SAMPLER:            | <i>Justin Colp</i>    | DATE Signed (MM/DD/YYYY): <b>2-21-24</b> |
| SIGNATURE of SAMPLER:             | <i>[Signature]</i>    |  |
| Temp in °C                        | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N)              |
|                                   |                       | Samples Intact (Y/N)                     |

24020001

### CHAIN-OF-CUSTODY / Analytical Request Document

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|--|--|---|--|---|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information:    |  |
| Company: <b>Vistra Corp-Coffee</b>               |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>             |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>            |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>See Section A</b>               |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Purchase Order No.:                                       |  | Quote Reference:                            |  |
| Phone: <b>(217) 753-8911</b>                     |  | Project Name:   |  | Project Manager:                            |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Number: <b>2285</b>                               |  | Profile #:                                  |  |
|  |  |   |  | <b>REGULATORY AGENCY</b>                    |  |
|  |  |   |  | NPDES      GROUND WATER      DRINKING WATER |  |
|  |  |   |  | UST      RCRA      OTHER                    |  |
|  |  |   |  | <b>Site Location</b>                        |  |
|  |  |   |  | IL  |  |
|  |  |   |  | <b>STATE:</b>                               |  |

| ITEM #              | Section D<br>Required Client Information | MATRIX                        | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS           | Preservatives |                                |                  |                   |      |   |          |       |             |             | Analysis Test (Y/N) | Requested Analysis Filtered (Y/N) | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |              |
|---------------------|--|-------------------------------|---------|------|---------------------------|---------------------------|---------------|--------------------------------|------------------|-------------------|------|---|----------|-------|-------------|-------------|---------------------|-----------------------------------|-------------------------|-----------------------|-------------|-------------|-------------|--------------|
|                     |  |                               |         |      |                           |                           | COLLECTED     |                                |                  |                   |      |   |          |       |             |             |                     |                                   |                         |                       |             |             |             |              |
|                     |  |                               |         |      |                           |                           | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl               | NaOH | NH <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other | COF-257-101 | COF-257-102 |                     |                                   |                         |                       | COF-257-103 | COF-257-104 | COF-257-105 | COF-311-105  |
| 1                   | G276                                     | WT                            |         |      |                           | 5                         | 2             | 1                              | 1                | 1                 |      |   |          |       |             |             |                     | X                                 |                         |                       |             |             |             | 24020001-049 |
| 2                   | G277                                     | WT                            |         |      |                           | 5                         | 2             | 1                              | 1                | 1                 |      |   |          |       |             |             |                     | X                                 |                         |                       |             |             |             | 24020001-050 |
| 3                   | G278                                     | WT                            |         |      |                           | 5                         | 2             | 1                              | 1                | 1                 |      |   |          |       |             |             |                     |                                   |                         |                       |             |             |             | 24020001-051 |
| 4                   | G279                                     | WT                            |         |      |                           | 5                         | 2             | 1                              | 1                | 1                 |      |   |          |       |             |             |                     |                                   |                         |                       |             | X           | X           | 24020001-052 |
| 5                   | G280                                     | WT                            |         |      |                           | 5                         | 2             | 1                              | 1                | 1                 |      |   |          |       |             | X           |                     | X                                 | X                       | X                     |             |             |             | 24020001-053 |
| 6                   | G281                                     | WT                            |         |      |                           | 4                         | 1             | 2                              | 1                |                   |      |   |          |       |             | X           | X                   |                                   | X                       |                       |             |             |             | 24020001-054 |
| 7                   | G283 *                                   | WT                            | 2-21-24 | 1008 |                           | 2                         | 1             | 1                              | 1                |                   |      |   |          |       |             |             |                     | X                                 |                         |                       |             |             |             | 24020001-055 |
| 8                   | G284                                     | WT                            |         |      |                           | 2                         | 1             | 1                              | 1                |                   |      |   |          |       |             |             |                     | X                                 |                         |                       |             |             |             | 24020001-056 |
| 9                   | G285                                     | WT                            |         |      |                           | 2                         | 1             | 1                              | 1                |                   |      |   |          |       |             |             |                     | X                                 |                         |                       |             |             |             | 24020001-057 |
| 10                  | G301                                     | WT                            |         |      |                           | 2                         | 1             | 1                              | 1                |                   |      |   |          |       | X           |             |                     | X                                 |                         |                       |             |             |             | 24020001-058 |
| 11                  | G302                                     | WT                            |         |      |                           | 2                         | 1             | 1                              | 1                |                   |      |   |          |       | X           |             |                     | X                                 |                         |                       |             |             |             | 24020001-059 |
| 12                  | G303                                     | WT                            |         |      |                           | 2                         | 1             | 1                              | 1                |                   |      |   |          |       | X           |             |                     | X                                 |                         |                       |             |             |             | 24020001-060 |
| 13                  | G305                                     | WT                            |         |      |                           | 2                         | 1             | 1                              | 1                |                   |      |   |          |       | X           |             |                     | X                                 |                         |                       |             |             |             | 24020001-061 |
| 14                  | G306                                     | WT                            |         |      |                           | 2                         | 1             | 1                              | 1                |                   |      |   |          |       | X           |             |                     | X                                 |                         |                       |             |             |             | 24020001-062 |
| 15                  | G307                                     | WT                            |         |      |                           | 2                         | 1             | 1                              | 1                |                   |      |   |          |       | X           |             |                     | X                                 |                         |                       |             |             |             | 24020001-063 |
| 16                  | G307D                                    | WT                            |         |      |                           | 2                         | 1             | 1                              | 1                |                   |      |   |          |       | X           |             |                     | X                                 |                         |                       |             |             |             | 24020001-064 |
| ADDITIONAL COMMENTS |  | RELINQUISHED BY / AFFILIATION |         | DATE | TIME                      | ACCEPTED BY / AFFILIATION |               | DATE                           | TIME             | SAMPLE CONDITIONS |      |   |          |       |             |             |                     |                                   |                         |                       |             |             |             |              |
| COF-24Q1 Rev 1      |  | J. Colp                       |         | 2-21 | 1635                      | Justin Reed               |               | 2/21                           | 1635             | >      =          |      |   |          |       |             |             |                     |                                   |                         |                       |             |             |             |              |

|                            |                    |                         |                       |                             |                      |
|----------------------------|--------------------|-------------------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE |                    | Temp in °C              | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER:     | JUSTIN Colp        |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>Justin Colp</i> | DATE Signed (MM/DD/YY): | 2-21-24               |                             |                      |

**24020001**

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |   |  |                            |
|--|---|--|----------------------------|
| <b>Section A</b><br>Required Client Information: | <b>Section B</b><br>Required Project Information: | <b>Section C</b><br>Invoice Information: | Page: <b>5</b> of <b>7</b> |
|--|---|--|----------------------------|

|   |   |                                  |                          |
|---|---|----------------------------------|--------------------------|
| Company: <b>Vistra Corp-Coffeen</b>           | Report To: <b>Brian Voelker</b>   | Attention: <b>Jason Stuckey</b>  |                          |
| Address: <b>134 CIPS Lane</b>                 | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b>                           | Company Name: <b>Vistra Corp</b> | <b>REGULATORY AGENCY</b> |
| <b>Coffeen, IL 62017</b>                      | John Romang - John.Romang@vistracorp.com<br>Scott Bell- Michael.Bell@vistracorp.com | Address: <b>see Section A</b>    |                          |
| Email To: <b>Brian.Voelker@VistraCorp.com</b> | Purchase Order No.:   | Quote Reference:                 | UST    RCRA    OTHER     |
| Phone: (217) 753-8911    Fax:                 | Project Name:   | Project Manager:                 | <b>Site Location</b>     |
| Requested Due Date/TAT: <b>10 day</b>         | Project Number: <b>2285</b>   | Profile #:                       | <b>STATE:</b> IL         |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX<br>DRINKING WATER DW<br>WATER WT<br>WASTE WW<br>WATER PRODUCT SOL/SOLID SL<br>OL WP<br>AR OT<br>TS<br>WPE<br>AR<br>OTHER TISSUE | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          | Analysis Test<br>Y/N | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |              |                  |              |  |              |
|--------|--|--|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|----------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|--------------|------------------|--------------|--|--------------|
|        |  |  |                                       |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |                      | Other                             | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 |                         |                       | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |  |              |
|        |  |  |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |  |              |
| 1      | G308                                     |  | WT                                    | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   |          |                      |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-065 |
| 2      | G310                                     |  | WT                                    | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   |          |                      |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-066 |
| 3      | G312                                     |  | WT                                    | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   |          |                      |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-067 |
| 4      | G313                                     |  | WT                                    | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   |          |                      |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-068 |
| 5      | G314                                     |  | WT                                    | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   |          |                      |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-069 |
| 6      | G314D                                    |  | WT                                    | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   |          |                      |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-070 |
| 7      | G315                                     |  | WT                                    | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   |          |                      |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-071 |
| 8      | G316                                     |  | WT                                    | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   |          |                      |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-072 |
| 9      | G401                                     | * O  | WT                                    | G                           | 7-21-24   | 1246 | 4                         | 1               | 2             | 1                              |                  |     |      |   |          |                      |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-073 |
| 10     | G402                                     | * O  | WT                                    | G                           | 7-21-24   | 1344 | 4                         | 1               | 2             | 1                              |                  |     |      |   |          |                      |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-074 |
| 11     | G403                                     |  | WT                                    | G                           | 7-21-24   | 1143 | 4                         | 1               | 2             | 1                              |                  |     |      |   |          |                      |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-075 |
| 12     | G404                                     |  | WT                                    | G                           | 7-21-24   | 1037 | 4                         | 1               | 2             | 1                              |                  |     |      |   |          |                      |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-076 |
| 13     | G405                                     | *  | WT                                    | G                           | 7-21-24   | 1109 | 4                         | 1               | 2             | 1                              |                  |     |      |   |          |                      |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-077 |
| 14     | G406                                     | *  | WT                                    | G                           | 7-21-24   | 1211 | 4                         | 1               | 2             | 1                              |                  |     |      |   |          |                      |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-078 |
| 15     | G407                                     |  | WT                                    | G                           |           |      | 4                         | 1               | 2             | 1                              |                  |     |      |   |          |                      |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-079 |
| 16     | G410                                     |  | WT                                    | G                           |           |      | 4                         | 1               | 2             | 1                              |                  |     |      |   |          |                      |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |  | 24020001-080 |

| ADDITIONAL COMMENTS                       | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE        | TIME        | SAMPLE CONDITIONS                      |                       |                             |                      |  |
|---|-------------------------------|-------------|-------------|---------------------------|-------------|-------------|--|-----------------------|-----------------------------|----------------------|--|
| <b>COF-24Q1 Rev 1</b>                     | <i>J. Colp</i>                | <b>2-21</b> | <b>1635</b> | <i>Mark Reed</i>          | <b>2/21</b> | <b>1635</b> | >                                      | z                     |                             |                      |  |
| <b>SAMPLER NAME AND SIGNATURE</b>         |                               |             |             |                           |             |             | Temp in °C                             | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |  |
| PRINT Name of SAMPLER: <i>Justin Colp</i> |                               |             |             |                           |             |             |  |                       |                             |                      |  |
| SIGNATURE of SAMPLER: <i>JACW</i>         |                               |             |             |                           |             |             | DATE Signed (MM/DD/YY): <b>2-21-24</b> |                       |                             |                      |  |

24020001

## CHAIN-OF-CUSTODY / Analytical Request Document

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| <b>Section A</b><br>Required Client Information: | <b>Section B</b><br>Required Project Information:  | <b>Section C</b><br>Invoice Information: |
| Company: <b>Vistra Corp-Coffee</b>               | Report To: <b>Brian Voelker</b>  | Attention: <b>Jason Stucky</b>           |
| Address: <b>134 CIPS Lane</b>                    | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b>  | Company Name: <b>Vistra Corp</b>         |
| <b>Coffee, IL 62017</b>                          | <b>John Romang - John.Romang@vistracorp.com</b><br><b>Scott Bell - Michael.Bell@vistracorp.com</b> | Address: <b>see Section A</b>            |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    | Purchase Order No.:  | Quote Reference:                         |
| Phone: <b>(217) 753-8911</b> Fax:                | Project Name:  | Project Manager:                         |
| Requested Due Date/TAT: <b>10 day</b>            | Project Number: <b>2285</b>  | Profile #:                               |

| ITEM # | Section D<br>Required Client Information | Matrix  |                           | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE<br>(G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          | Analysis Test<br>Y/N | Requested Analysis Filtered (Y/N) |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |              |
|--------|--|---|---------------------------|--|--------------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|----------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|--------------|
|        |  | DRINKING WATER<br>WATER<br>WASTE<br>PRODUCT<br>SOIL/SOLID | DW<br>WT<br>WW<br>P<br>SL |  |                                | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| 1      | G411                                     |   |                           | WT                                       | G                              |           |      |                           | 4               | 1             | 2                              | 1                |     |      |   |          |                      |                                   |             |             |             |             |             |                         |                       |             |             |             | 24020001-081 |
| 2      | L201                                     |   |                           | WT                                       | G                              |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |                         |                       |             |             |             | 24020001-082 |
| 3      | L202                                     |   |                           | WT                                       | G                              |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |                         |                       |             |             |             | 24020001-083 |
| 4      | L203                                     |   |                           | WT                                       | G                              |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |                         |                       |             |             |             | 24020001-084 |
| 5      | NE Riser *                               |   |                           | WT                                       | G                              | 2-21-24   | 1425 |                           | 2               | 1             | 1                              |                  |     |      |   |          |                      |                                   | X           |             |             |             |             |                         |                       |             |             |             | 24020001-085 |
| 6      | R104                                     |   |                           | WT                                       | G                              |           |      |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          |                      |                                   |             |             |             |             |             |                         |                       | X           |             |             | 24020001-086 |
| 7      | R201                                     |   |                           | WT                                       | G                              |           |      |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |                      |                                   | X           |             |             | X           |             |                         |                       |             |             |             | 24020001-087 |
| 8      | R205                                     |   |                           | WT                                       | G                              |           |      |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |                      |                                   |             |             |             |             |             |                         |                       | X           |             |             | 24020001-088 |
| 9      | SG-02                                    |   |                           | WT                                       | G                              |           |      |                           | 0               |               |                                |                  |     |      |   |          |                      | X                                 | X           |             |             | X           |             |                         |                       |             |             |             | 24020001-089 |
| 10     | SG-03                                    |   |                           | WT                                       | G                              |           |      |                           | 0               |               |                                |                  |     |      |   |          |                      | X                                 | X           |             |             | X           |             |                         |                       |             |             |             | 24020001-090 |
| 11     | T127                                     |   |                           | WT                                       | G                              |           |      |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |                      |                                   |             |             |             |             |             |                         | X                     |             |             |             | 24020001-091 |
| 12     | T128                                     |   |                           | WT                                       | G                              |           |      |                           | 5               | 2             | 1                              | 1                | 1   |      |   |          |                      |                                   |             |             |             |             |             |                         |                       |             |             |             | 24020001-092 |
| 13     | X201                                     |   |                           | WT                                       | G                              |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             | X                       |                       |             |             |             | 24020001-093 |
| 14     | XPW01                                    |   |                           | WT                                       | G                              |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             | X                       |                       |             |             |             | 24020001-094 |
| 15     | XPW02                                    |   |                           | WT                                       | G                              |           |      |                           | 2               | 1             | 1                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             | X                       |                       |             |             |             | 24020001-095 |
| 16     | XSG-01                                   |   |                           | WT                                       | G                              |           |      |                           | 0               |               |                                |                  |     |      |   |          |                      |                                   |             |             |             |             |             | X                       |                       |             |             |             | 24020001-096 |

| ADDITIONAL COMMENTS   | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |   |  |  |  |
|-----------------------|-------------------------------|------|------|---------------------------|------|------|-------------------|---|--|--|--|
| <b>COF-24Q1 Rev 1</b> | <i>J. Colp</i>                | 2-21 | 1635 | <i>Justin Road</i>        | 2/21 | 1635 | Y                 | Z |  |  |  |

|                            |                    |                         |                       |                             |                      |
|----------------------------|--------------------|-------------------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE |                    | Temp in °C              | Received on ice (Y/N) | Custody Sealer Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER:     | <i>Justin Colp</i> |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>J Colp</i>      | DATE Signed (MM/DD/YY): | 2-21-24               |                             |                      |

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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|--|--|---|--|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Scott Bell- Michael.Bell@vistracorp.com                   |  | Quote Reference:                         |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Purchase Order No.:                                       |  | Project Manager:                         |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Name:   |  | Profile #:                               |  |
|  |  | Project Number: <b>2285</b>                               |  |  |  |

| ITEM # | Section D<br>Required Client Information<br><br>SAMPLE ID<br><small>(A-Z, 0-9 / . - )<br/>Sample IDs MUST BE UNIQUE</small> | MATRIX CODES<br><small>(see valid codes to left)</small> | MATRIX TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       | Analysis Test ↓ | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No. / Lab I.D. |              |                  |
|--------|---|--|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-----------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|------------------------|--------------|------------------|
|        |   |  |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |                 | COF-257-101                       | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 |                         |                        | COF-WPCP-102 | COF-WPCP-103-104 |
| 1      | Field Blank   | WT   | G                           | 7-21-24   | 1503 |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          | X     | X               | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                      | X            | 24020001-097     |
| 2      | G102 Duplicate  | WT   | G                           |           |      |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          |       |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                        |              | 24020001-098     |
| 3      | G200 Duplicate  | WT   | G                           | 2-21-24   | 0903 |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |       | X               |                                   |             |             |             |             |             |             |             |             |             |                         |                        |              | 24020001-099     |
| 4      | G273 Duplicate  | WT   | G                           |           |      |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |       |                 | X                                 |             |             |             |             |             | X           |             |             |             |                         |                        |              | 24020001-100     |
| 5      | G301 Duplicate  | WT   | G                           |           |      |                           | 2               | 1             |                                | 1                |     |      |   |          | X     |                 |                                   |             | X           |             |             |             |             |             |             |             |                         |                        |              | 24020001-101     |
| 6      | R201 Duplicate  | WT   | G                           |           |      |                           | 6               | 2             | 1                              | 2                | 1   |      |   |          |       | X               |                                   |             | X           |             |             |             |             | X           |             |             |                         |                        |              | 24020001-102     |
| 7      | Equipment Blank 1   | WT   | G                           | 2-21-24   | 1458 |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          | X     | X               | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                      | X            | 24020001-103     |
| 8      | Equipment Blank 2   | WT   | G                           |           |      |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          | X     | X               | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                      | X            | 24020001-104     |
| 9      | Equipment Blank 3   | WT   | G                           |           |      |                           | 7               | 2             | 2                              | 2                | 1   |      |   |          | X     | X               | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                      | X            | 24020001-105     |
| 10     |   |  |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                        |              |                  |
| 11     |   |  |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                        |              |                  |
| 12     |   |  |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                        |              |                  |
| 13     |   |  |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                        |              |                  |
| 14     |   |  |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                        |              |                  |
| 15     |   |  |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                        |              |                  |
| 16     |   |  |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                        |              |                  |

| ADDITIONAL COMMENTS   | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE        | TIME        | SAMPLE CONDITIONS |   |  |
|-----------------------|-------------------------------|-------------|-------------|---------------------------|-------------|-------------|-------------------|---|--|
| <b>COF-24Q1 Rev 1</b> | <i>J. Colp</i>                | <b>2-21</b> | <b>1635</b> | <i>Justin Reed</i>        | <b>2/21</b> | <b>1635</b> | Y                 | N |  |

|   |  |  |  |            |                       |                             |                      |
|---|--|--|--|------------|-----------------------|-----------------------------|----------------------|
| <b>SAMPLER NAME AND SIGNATURE</b>         |  |  |  | Temp in °C | Received on ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER: <i>Justin Colp</i> |  | DATE Signed (MM/DD/YY): <b>2-21-24</b> |  |            |                       |                             |                      |
| SIGNATURE of SAMPLER: <i>Justin Colp</i>  |  |  |  |            |                       |                             |                      |



24020001

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:                                    |  | <b>Section C</b><br>Invoice Information: |  | Page: 6 of 7   |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>  |  | Attention: <b>Jason Stuckey</b>          |  | REGULATORY AGENCY<br>NPDES GROUND WATER DRINKING WATER<br>UST RCRA OTHER<br>Site Location<br>STATE: IL |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b>                            |  | Company Name: <b>Vistra Corp</b>         |  |  |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com<br>Scott Bell - Michael.Bell@vistracorp.com |  | Address: <b>see Section A</b>            |  |  |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Purchase Order No.:  |  | Quote Reference:                         |  |  |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Project Name:  |  | Project Manager:                         |  | Project #:   |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Number: <b>2285</b>  |  |  |  |  |  |

| ITEM # | Section D<br>Required Client Information<br><br>SAMPLE ID<br><br>(A-Z, 0-9 / . - )<br>Sample IDs MUST BE UNIQUE | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       | Analysis Test<br>Y/N | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |              |                  |              |
|--------|---|--|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|----------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|--------------|------------------|--------------|
|        |   |  |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |                      | COF-257-101                       | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 |                         |                       | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |   |  |                             | 1         | G411 |                           |                 | WT            | G                              |                  |     | 4    | 1   | 2        | 1     |                      |                                   |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |
| 2      | L201  | WT                                       | G                           | 2-22-24   | 0956 | 2                         | 1               | 1             |                                |                  |     |      |   | X        |       |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-082          |              |                  |              |
| 3      | L202  | WT                                       | G                           | 2-22-24   | 0950 | 2                         | 1               | 1             |                                |                  |     |      |   |          | X     |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-083          |              |                  |              |
| 4      | L203  | WT                                       | G                           | 2-22-24   | 1004 | 2                         | 1               | 1             |                                |                  |     |      |   |          | X     |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-084          |              |                  |              |
| 5      | NE Riser  | WT                                       | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   | X        |       |                      |                                   |             |             | X           |             |             |             |             |             |             |                         | 24020001-085          |              |                  |              |
| 6      | R104  | WT                                       | G                           |           |      | 7                         | 2               | 2             | 2                              |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-086          |              |                  |              |
| 7      | R201  | WT                                       | G                           |           |      | 6                         | 2               | 1             | 2                              |                  |     |      |   |          | X     |                      |                                   |             |             | X           |             |             |             |             |             |             |                         | 24020001-087          |              |                  |              |
| 8      | R205  | WT                                       | G                           |           |      | 6                         | 2               | 1             | 2                              |                  |     |      |   |          |       |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-088          |              |                  |              |
| 9      | SG-02   | WT                                       | G                           |           |      | 0                         |                 |               |                                |                  |     |      |   |          |       |                      | X                                 |             | X           |             |             |             |             |             |             |             |                         | 24020001-089          |              |                  |              |
| 10     | SG-03   | WT                                       | G                           |           |      | 0                         |                 |               |                                |                  |     |      |   |          |       |                      |                                   | X           | X           |             |             |             |             |             |             |             |                         | 24020001-090          |              |                  |              |
| 11     | T127  | WT                                       | G                           |           |      | 6                         | 2               | 1             | 2                              |                  |     |      |   |          |       | X                    |                                   | X           |             |             |             |             |             |             |             |             |                         | 24020001-091          |              |                  |              |
| 12     | T128  | WT                                       | G                           |           |      | 5                         | 2               | 1             | 1                              |                  |     |      |   |          |       |                      |                                   |             | X           |             |             |             |             |             |             |             |                         | 24020001-092          |              |                  |              |
| 13     | X201  | WT                                       | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   |          | X     |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020001-093          |              |                  |              |
| 14     | XPW01   | WT                                       | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   | X        |       |                      |                                   |             |             | X           |             |             |             |             |             |             |                         | 24020001-094          |              |                  |              |
| 15     | XPW02   | WT                                       | G                           |           |      | 2                         | 1               | 1             |                                |                  |     |      |   |          |       |                      |                                   |             |             | X           |             |             |             |             |             |             |                         | 24020001-095          |              |                  |              |
| 16     | XSG-01  | WT                                       | G                           |           |      | 0                         |                 |               |                                |                  |     |      |   |          | X     |                      |                                   |             |             | X           |             |             |             |             |             |             |                         | 24020001-096          |              |                  |              |

| ADDITIONAL COMMENTS   | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE           | TIME        | SAMPLE CONDITIONS |  |  |
|-----------------------|-------------------------------|-------------|-------------|---------------------------|----------------|-------------|-------------------|--|--|
| <b>COF-24Q1 Rev 1</b> | <b>J. Colp</b>                | <b>2-22</b> | <b>1300</b> | <b>Justin Colp</b>        | <b>2/22/24</b> | <b>1300</b> |                   |  |  |

2 pumps HNO<sub>3</sub> (96331) added to L202 & 203 Ph 90719 TEDS DS 7/22

|                            |                       |            |                       |                             |                      |
|----------------------------|-----------------------|------------|-----------------------|-----------------------------|----------------------|
| 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/YYYY): 2-22-24 [22]  
ice 15.4 Lta7 DS 7/22

March 22, 2024

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



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

**RE: COF-24Q1**

**WorkOrder: 24020002**

Dear Eric Bauer:

TEKLAB, INC received 59 samples on 2/22/2024 1:00:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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



## Report Contents

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**This reporting package includes the following:**

|                      |          |
|----------------------|----------|
| Cover Letter         | 1        |
| Report Contents      | 2        |
| Definitions          | 3        |
| Case Narrative       | 5        |
| Accreditations       | 6        |
| Laboratory Results   | 7        |
| Sample Summary       | 66       |
| Receiving Check List | 68       |
| Chain of Custody     | Appended |

## Definitions

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

### Abbr Definition

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

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

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

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

DNI Did not ignite

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

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

IDPH IL Dept. of Public Health

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

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

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

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

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

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

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

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

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

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

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

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

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

TNTC Too numerous to count (> 200 CFU)



## Definitions

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

### Qualifiers

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



## Case Narrative

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020002  
**Report Date:** 22-Mar-24

**Cooler Receipt Temp:** 9.1 °C

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

Equipment Blanks 2 and 3 were not required.

G301 Duplicate will be reported as collected at 1203 per field file(s). EAH 2/27/24

Ra226/228 analyses were performed by Eurofins-St. Louis. See attached report for results and QC.

### Locations

#### Collinsville

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

#### 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:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

| State     | Dept | Cert #       | NELAP | Exp Date   | Lab          |
|-----------|------|--------------|-------|------------|--------------|
| Illinois  | IEPA | 100226       | NELAP | 1/31/2025  | Collinsville |
| Illinois  | IEPA | 1004652024-2 | NELAP | 4/30/2025  | Collinsville |
| Kansas    | KDHE | E-10374      | NELAP | 4/30/2024  | Collinsville |
| Louisiana | LDEQ | 05002        | NELAP | 6/30/2024  | Collinsville |
| Louisiana | LDEQ | 05003        | NELAP | 6/30/2024  | Collinsville |
| Oklahoma  | ODEQ | 9978         | NELAP | 8/31/2024  | Collinsville |
| Arkansas  | ADEQ | 88-0966      |       | 3/14/2024  | Collinsville |
| Illinois  | IDPH | 17584        |       | 5/31/2025  | Collinsville |
| Iowa      | IDNR | 430          |       | 6/1/2024   | Collinsville |
| Kentucky  | UST  | 0073         |       | 1/31/2025  | Collinsville |
| Missouri  | MDNR | 00930        |       | 10/31/2026 | Collinsville |
| Missouri  | MDNR | 930          |       | 1/31/2025  | Collinsville |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-001

**Client Sample ID:** G1001

**Matrix:** GROUNDWATER

**Collection Date:** 02/15/2024 13:23

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:33 | R344763 |





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-002

**Client Sample ID:** G151

**Matrix:** GROUNDWATER

**Collection Date:** 02/19/2024 9:11

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:33 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-003

**Client Sample ID:** G152

**Matrix:** GROUNDWATER

**Collection Date:** 02/19/2024 11:09

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:33 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-004  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G153  
**Collection Date:** 02/19/2024 10:09

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:33 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020002  
**Report Date:** 22-Mar-24

**Lab ID:** 24020002-005

**Client Sample ID:** G154

**Matrix:** GROUNDWATER

**Collection Date:** 02/19/2024 9:48

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:33 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-006  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G155  
**Collection Date:** 02/16/2024 10:37

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:27 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-007

**Client Sample ID:** G200

**Matrix:** GROUNDWATER

**Collection Date:** 02/21/2024 9:03

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:27 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-008  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G206  
**Collection Date:** 02/13/2024 11:44

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:27 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-009  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G206D  
**Collection Date:** 02/16/2024 9:31

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:27 | R344763 |





## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-010  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G209  
**Collection Date:** 02/13/2024 10:30

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:27 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-011  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G212  
**Collection Date:** 02/14/2024 10:17

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:27 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-012  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G213  
**Collection Date:** 02/14/2024 9:55

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:27 | R344763 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-013  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G215  
**Collection Date:** 02/13/2024 14:12

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:28 | R344763 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-014  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G217  
**Collection Date:** 02/13/2024 12:40

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:28 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-015

**Client Sample ID:** G218

**Matrix:** GROUNDWATER

**Collection Date:** 02/13/2024 12:11

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/12/2024 12:28 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-016  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G270  
**Collection Date:** 02/19/2024 11:56

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:09 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-017  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G271  
**Collection Date:** 02/19/2024 12:20

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:09 | R344763 |





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-018  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G273  
**Collection Date:** 02/19/2024 13:18

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:09 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-019  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G275  
**Collection Date:** 02/19/2024 14:21

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:10 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-020

**Client Sample ID:** G275D

**Matrix:** GROUNDWATER

**Collection Date:** 02/19/2024 14:05

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:10 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-021  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G276  
**Collection Date:** 02/20/2024 9:21

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:10 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-022  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G277  
**Collection Date:** 02/20/2024 9:40

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:10 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-023  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G279  
**Collection Date:** 02/20/2024 10:25

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:10 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-024  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G280  
**Collection Date:** 02/20/2024 11:10

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:10 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-025

**Client Sample ID:** G281

**Matrix:** GROUNDWATER

**Collection Date:** 02/15/2024 14:22

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:10 | R344763 |





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-026  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G283  
**Collection Date:** 02/21/2024 10:11

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:11 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-027  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G284  
**Collection Date:** 02/20/2024 14:26

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:11 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-028

**Client Sample ID:** G285

**Matrix:** GROUNDWATER

**Collection Date:** 02/20/2024 13:18

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:11 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-029

**Client Sample ID:** G301

**Matrix:** GROUNDWATER

**Collection Date:** 02/19/2024 12:03

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:11 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-030

**Client Sample ID:** G302

**Matrix:** GROUNDWATER

**Collection Date:** 02/19/2024 13:27

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:04 | R344763 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-031  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G303  
**Collection Date:** 02/14/2024 10:23

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:04 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-032  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G305  
**Collection Date:** 02/19/2024 14:56

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:04 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-033

**Client Sample ID:** G306

**Matrix:** GROUNDWATER

**Collection Date:** 02/14/2024 11:35

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:04 | R344763 |





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-034  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G307  
**Collection Date:** 02/14/2024 14:58

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:04 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-035  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G307D  
**Collection Date:** 02/14/2024 13:42

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/15/2024 12:04 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-036  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G308  
**Collection Date:** 02/16/2024 10:04

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:22 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-037  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G310  
**Collection Date:** 02/19/2024 11:24

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:22 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-038

**Client Sample ID:** G312

**Matrix:** GROUNDWATER

**Collection Date:** 02/19/2024 14:11

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:22 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020002  
**Report Date:** 22-Mar-24

**Lab ID:** 24020002-039

**Client Sample ID:** G313

**Matrix:** GROUNDWATER

**Collection Date:** 02/13/2024 14:19

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:22 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-040  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G314  
**Collection Date:** 02/13/2024 13:11

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:22 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-041  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G314D  
**Collection Date:** 02/13/2024 12:20

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:22 | R344763 |





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020002  
**Report Date:** 22-Mar-24

**Lab ID:** 24020002-042

**Client Sample ID:** G315

**Matrix:** GROUNDWATER

**Collection Date:** 02/14/2024 12:45

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:23 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-043  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G316  
**Collection Date:** 02/13/2024 11:31

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:23 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-044

**Client Sample ID:** G401

**Matrix:** GROUNDWATER

**Collection Date:** 02/21/2024 12:46

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:23 | R344763 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-045  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G402  
**Collection Date:** 02/21/2024 13:44

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:23 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-046

**Client Sample ID:** G403

**Matrix:** GROUNDWATER

**Collection Date:** 02/21/2024 11:43

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:23 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-047  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G404  
**Collection Date:** 02/21/2024 10:37

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:23 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-048  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G405  
**Collection Date:** 02/21/2024 11:09

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:24 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-049  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G406  
**Collection Date:** 02/21/2024 12:11

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:24 | R344763 |





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-050  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G407  
**Collection Date:** 02/20/2024 10:15

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:17 | R344763 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-051  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G410  
**Collection Date:** 02/20/2024 11:18

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:17 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-052  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G411  
**Collection Date:** 02/20/2024 12:13

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:17 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-053

**Client Sample ID:** R201

**Matrix:** GROUNDWATER

**Collection Date:** 02/20/2024 14:05

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:17 | R344763 |



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-054  
**Matrix:** AQUEOUS

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** Field Blank  
**Collection Date:** 02/21/2024 15:03

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:17 | R344763 |



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll

**Work Order:** 24020002

**Client Project:** COF-24Q1

**Report Date:** 22-Mar-24

**Lab ID:** 24020002-055

**Client Sample ID:** G200 Duplicate

**Matrix:** GROUNDWATER

**Collection Date:** 02/21/2024 9:03

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/14/2024 12:17 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-056  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G273 Duplicate  
**Collection Date:** 02/19/2024 13:18

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/13/2024 12:12 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-057  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** G301 Duplicate  
**Collection Date:** 02/19/2024 12:03

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/13/2024 12:12 | R344763 |





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-058  
**Matrix:** GROUNDWATER

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** R201 Duplicate  
**Collection Date:** 02/20/2024 14:05

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/13/2024 12:12 | R344763 |



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1  
**Lab ID:** 24020002-059  
**Matrix:** AQUEOUS

**Work Order:** 24020002  
**Report Date:** 22-Mar-24  
**Client Sample ID:** Equipment Blank 1  
**Collection Date:** 02/21/2024 14:58

| Analyses  | Certification | MDL | RL | Qual | Result       | Units | DF | Date Analyzed    | Batch   |
|---|---------------|-----|----|------|--------------|-------|----|------------------|---------|
| <b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b> |               |     |    |      |              |       |    |                  |         |
| Subcontracted Analysis                          | *             | 0   | 0  |      | See Attached |       | 1  | 03/13/2024 12:12 | R344763 |



## Sample Summary

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020002  
**Report Date:** 22-Mar-24

| Lab Sample ID | Client Sample ID | Matrix      | Fractions | Collection Date  |
|---------------|------------------|-------------|-----------|------------------|
| 24020002-001  | G1001            | Groundwater | 1         | 02/15/2024 13:23 |
| 24020002-002  | G151             | Groundwater | 1         | 02/19/2024 9:11  |
| 24020002-003  | G152             | Groundwater | 1         | 02/19/2024 11:09 |
| 24020002-004  | G153             | Groundwater | 1         | 02/19/2024 10:09 |
| 24020002-005  | G154             | Groundwater | 1         | 02/19/2024 9:48  |
| 24020002-006  | G155             | Groundwater | 1         | 02/16/2024 10:37 |
| 24020002-007  | G200             | Groundwater | 1         | 02/21/2024 9:03  |
| 24020002-008  | G206             | Groundwater | 1         | 02/13/2024 11:44 |
| 24020002-009  | G206D            | Groundwater | 1         | 02/16/2024 9:31  |
| 24020002-010  | G209             | Groundwater | 1         | 02/13/2024 10:30 |
| 24020002-011  | G212             | Groundwater | 1         | 02/14/2024 10:17 |
| 24020002-012  | G213             | Groundwater | 1         | 02/14/2024 9:55  |
| 24020002-013  | G215             | Groundwater | 1         | 02/13/2024 14:12 |
| 24020002-014  | G217             | Groundwater | 1         | 02/13/2024 12:40 |
| 24020002-015  | G218             | Groundwater | 1         | 02/13/2024 12:11 |
| 24020002-016  | G270             | Groundwater | 1         | 02/19/2024 11:56 |
| 24020002-017  | G271             | Groundwater | 1         | 02/19/2024 12:20 |
| 24020002-018  | G273             | Groundwater | 1         | 02/19/2024 13:18 |
| 24020002-019  | G275             | Groundwater | 1         | 02/19/2024 14:21 |
| 24020002-020  | G275D            | Groundwater | 1         | 02/19/2024 14:05 |
| 24020002-021  | G276             | Groundwater | 1         | 02/20/2024 9:21  |
| 24020002-022  | G277             | Groundwater | 1         | 02/20/2024 9:40  |
| 24020002-023  | G279             | Groundwater | 1         | 02/20/2024 10:25 |
| 24020002-024  | G280             | Groundwater | 1         | 02/20/2024 11:10 |
| 24020002-025  | G281             | Groundwater | 1         | 02/15/2024 14:22 |
| 24020002-026  | G283             | Groundwater | 1         | 02/21/2024 10:11 |
| 24020002-027  | G284             | Groundwater | 1         | 02/20/2024 14:26 |
| 24020002-028  | G285             | Groundwater | 1         | 02/20/2024 13:18 |
| 24020002-029  | G301             | Groundwater | 1         | 02/19/2024 12:03 |
| 24020002-030  | G302             | Groundwater | 1         | 02/19/2024 13:27 |
| 24020002-031  | G303             | Groundwater | 1         | 02/14/2024 10:23 |
| 24020002-032  | G305             | Groundwater | 1         | 02/19/2024 14:56 |
| 24020002-033  | G306             | Groundwater | 1         | 02/14/2024 11:35 |
| 24020002-034  | G307             | Groundwater | 1         | 02/14/2024 14:58 |
| 24020002-035  | G307D            | Groundwater | 1         | 02/14/2024 13:42 |
| 24020002-036  | G308             | Groundwater | 1         | 02/16/2024 10:04 |
| 24020002-037  | G310             | Groundwater | 1         | 02/19/2024 11:24 |
| 24020002-038  | G312             | Groundwater | 1         | 02/19/2024 14:11 |
| 24020002-039  | G313             | Groundwater | 1         | 02/13/2024 14:19 |



## Sample Summary

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020002  
**Report Date:** 22-Mar-24

| Lab Sample ID | Client Sample ID  | Matrix      | Fractions | Collection Date  |
|---------------|-------------------|-------------|-----------|------------------|
| 24020002-040  | G314              | Groundwater | 1         | 02/13/2024 13:11 |
| 24020002-041  | G314D             | Groundwater | 1         | 02/13/2024 12:20 |
| 24020002-042  | G315              | Groundwater | 1         | 02/14/2024 12:45 |
| 24020002-043  | G316              | Groundwater | 1         | 02/13/2024 11:31 |
| 24020002-044  | G401              | Groundwater | 1         | 02/21/2024 12:46 |
| 24020002-045  | G402              | Groundwater | 1         | 02/21/2024 13:44 |
| 24020002-046  | G403              | Groundwater | 1         | 02/21/2024 11:43 |
| 24020002-047  | G404              | Groundwater | 1         | 02/21/2024 10:37 |
| 24020002-048  | G405              | Groundwater | 1         | 02/21/2024 11:09 |
| 24020002-049  | G406              | Groundwater | 1         | 02/21/2024 12:11 |
| 24020002-050  | G407              | Groundwater | 1         | 02/20/2024 10:15 |
| 24020002-051  | G410              | Groundwater | 1         | 02/20/2024 11:18 |
| 24020002-052  | G411              | Groundwater | 1         | 02/20/2024 12:13 |
| 24020002-053  | R201              | Groundwater | 1         | 02/20/2024 14:05 |
| 24020002-054  | Field Blank       | Aqueous     | 1         | 02/21/2024 15:03 |
| 24020002-055  | G200 Duplicate    | Groundwater | 1         | 02/21/2024 9:03  |
| 24020002-056  | G273 Duplicate    | Groundwater | 1         | 02/19/2024 13:18 |
| 24020002-057  | G301 Duplicate    | Groundwater | 1         | 02/19/2024 12:03 |
| 24020002-058  | R201 Duplicate    | Groundwater | 1         | 02/20/2024 14:05 |
| 24020002-059  | Equipment Blank 1 | Aqueous     | 1         | 02/21/2024 14:58 |



# Receiving Check List

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND  
COF-845-104

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

**Client:** Ramboll  
**Client Project:** COF-24Q1

**Work Order:** 24020002  
**Report Date:** 22-Mar-24

**Carrier:** Justin Colp

**Received By:** LEH

**Completed by:**

*Amber Dilallo*

**Reviewed by:**

*Ellie Hopkins*

**On:**

14-Feb-24

Amber Dilallo

**On:**

22-Feb-24

Ellie Hopkins

**Pages to follow:** Chain of custody  Extra pages included

|   |   |   |                                      |                                  |
|---|---|---|--------------------------------------|----------------------------------|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             | Not Present <input type="checkbox"/> | Temp °C <b>9.1</b>               |
| Type of thermal preservation?                           | None <input type="checkbox"/>             | Ice <input checked="" type="checkbox"/> | Blue Ice <input type="checkbox"/>    | Dry Ice <input type="checkbox"/> |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |
| Reported field parameters measured:                     | Field <input checked="" type="checkbox"/> | Lab <input type="checkbox"/>            | NA <input type="checkbox"/>          |                                  |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/>             |                                      |                                  |

*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 <input type="checkbox"/>            | No <input type="checkbox"/> | No VOA vials <input checked="" type="checkbox"/>      |
| Water - TOX containers have zero headspace?               | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | No TOX containers <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/>                           |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/>                |

**Any No responses must be detailed below or on the COC.**

pH strip #90719. Additional Nitric Acid (94914) was needed upon arrival at the laboratory for G313, G314, G314D and G316. - amberdilallo - 2/14/2024 9:32:12 AM

Samples received 2/14/24 at 1655 (4.7c on ice LTG 5). Additional Nitric Acid (94914) was needed in G303 and G307 upon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/15/2024 9:24:02 AM

Samples received 2/15/24 at 1600 (8.1c on ice LTG 5). Additional Nitric Acid (94914) was needed in G1001 and G281 upon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/19/2024 8:37:03 AM

Samples received 2/16/24 at 1221 (5.9c on ice LTG 5). pH strip #90719. - amberdilallo - 2/19/2024 8:32:02 AM

Samples were received on 2/19/24 at 1640 on ice [8.5C - LTG5]. Additional pNitric Acid (96331) was needed in G152, G153, G270, G275D, and G312 upon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/20/2024 8:42:46 AM

Samples were received on 2/20/24 at 16:35 on ice [11.1C - LTG#7]. - nickreed - 2/20/2024 4:50:14 PM

G277, G279, G284, G285, G407, G410, G411, R201, R201 Dup were preserved Nitric Acid (96331) upon arrival at the laboratory. - nickreed - 2/20/2024 4:55:17 PM

Samples were received on 2/21/24 at 1635 on ice 10.3C - LTG5. Additional Nitric Acid (96331) was needed in all samples upon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/22/2024 8:22:22 AM

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information:        |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>                 |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>                |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>                   |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Scott Bell- Michael.Bell@vistracorp.com                   |  | NPDES <b>GROUND WATER</b> <b>DRINKING WATER</b> |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Purchase Order No.:                                       |  | UST <b>RCRA</b> <b>OTHER</b>                    |  |
| Requested Due Date/FAT: <b>10 day</b>            |  | Project Name:   |  | Site Location                                   |  |
|  |  | Project Number: <b>2285</b>                               |  | STATE: <b>IL</b>                                |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | COLLECTED | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |     |      |   |          |               |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |              |                  |              |  |              |
|--------|--|-----------------------------------|-----------|---------|------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|-----|------|---|----------|---------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|--------------|--|--------------|
|        |  |                                   |           |         |      |                           |                 | Preservatives                     |                                |                  |     |      |   |          | Analysis Test |             |             |                         |                       |             |             |             |             |             |             |              |                  |              |  |              |
|        |  | MATRIX TYPE (G=GRAB C=COMP)       |           |         |      |                           |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other         | COF-257-101 | COF-257-102 | COF-257-103             | COF-257-104           | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |  |              |
| 1      | AP2D                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |               | X           |             |                         |                       |             |             |             |             |             |             |              |                  |              |  | N/A          |
| 2      | G1001                                    | WT G                              |           |         |      | 2                         |                 |                                   |                                | 2                |     |      |   |          |               | X           |             |                         |                       |             |             |             | X           |             |             |              |                  |              |  | 24020002-001 |
| 3      | G1003                                    | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |               | X           |             |                         |                       |             |             |             | X           |             |             |              |                  |              |  | N/A          |
| 4      | G101                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       |             |             |             |             |             |             |              |                  |              |  | N/A          |
| 5      | G102                                     | WT G                              |           | 2-14-24 | 1113 |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       | X           | X           |             |             |             |             |              | X                |              |  | N/A          |
| 6      | G103                                     | WT G                              |           | 2-14-24 | 1150 |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       |             |             |             |             |             |             |              | X                |              |  | N/A          |
| 7      | G105                                     | WT G                              |           | 2-14-24 | 1213 |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       |             |             |             |             |             |             |              | X                |              |  | N/A          |
| 8      | G106                                     | WT G                              |           | 2-14-24 | 1258 |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       | X           | X           |             |             |             |             |              | X                |              |  | N/A          |
| 9      | G107                                     | WT G                              |           | 2-14-24 | 1330 |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       |             |             |             |             |             |             |              |                  |              |  | N/A          |
| 10     | G108                                     | WT G                              |           | 2-14-24 | 1347 |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       |             |             |             |             |             |             |              |                  |              |  | N/A          |
| 11     | G109                                     | WT G                              |           | 2-14-24 | 1405 |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       |             |             |             |             |             |             |              |                  |              |  | N/A          |
| 12     | G110                                     | WT G                              |           | 2-14-24 | 1421 |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       | X           | X           |             |             |             |             |              |                  |              |  | N/A          |
| 13     | G111                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       |             |             |             |             |             |             |              |                  |              |  | N/A          |
| 14     | G119                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       |             |             |             |             |             |             |              |                  |              |  | N/A          |
| 15     | G120                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       | X           | X           |             |             |             |             |              |                  |              |  | N/A          |
| 16     | G121                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |               |             |             |                         |                       |             |             |             |             |             |             |              |                  |              |  | N/A          |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. CDP                        | 2-14 | 1655 | [Signature]               | 2/14/24 | 1655 | #5 (4)<br>4.7     |

Add HNO<sub>3</sub> (9494) to G303 & G307. pH v 90719. [Signature] 2/15/24

| SAMPLER NAME AND SIGNATURE |             | Temp in °C              | Received on Ice (Y/N) | Custody Sealed Container (Y/N) | Samples Intact (Y/N) |
|----------------------------|-------------|-------------------------|-----------------------|--------------------------------|----------------------|
| PRINT Name of SAMPLER:     | [Signature] |                         |                       |                                |                      |
| SIGNATURE of SAMPLER:      | [Signature] | DATE Signed (MM/DD/YY): | 2-14-24               |                                |                      |

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |  |  |   |  |
|--|--|---|--|--|--|---|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  | <b>REGULATORY AGENCY</b>                |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  | NPDES    GROUND WATER    DRINKING WATER |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  | UST    RCRA    OTHER                    |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  | Site Location                           |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Spott Bell: Michael.Bell@vistracorp.com                   |  | Quote Reference:                         |  | STATE: <b>IL</b>                        |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Purchase Order No.:                                       |  | Project Manager:                         |  | Project Name:                           |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Number: <b>2285</b>                               |  | Profile #:                               |  |   |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODES | MATRIX CODE (see water center in left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       |                                   |             | Analysis Test | Residual Chlorine (Y/N) | Project No. / Lab I.D. |             |             |             |             |              |             |             |             |
|--------|--|------------------------------------|--|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-----------------------------------|-------------|---------------|-------------------------|------------------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|
|        |  |                                    |  |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other | Requested Analysis Filtered (Y/N) |             |               |                         |                        |             |             |             |             |              |             |             |             |
|        |  |                                    |  |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       | COF-257-101                       | COF-257-102 |               |                         |                        | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101  | COF-845-102 | COF-845-103 | COF-845-104 |
| 1      | G210                                     | WT                                 | G                                      |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | N/A          |             |             |             |
| 2      | G211                                     | WT                                 | G                                      |                             | 2-14-24   | 1046 |                           |                 |               |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | N/A          |             |             |             |
| 3      | G212                                     | WT                                 | G                                      |                             | 2-14-24   | 1017 | 2                         |                 | 2             |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | 24020002-011 |             |             |             |
| 4      | G213                                     | WT                                 | G                                      |                             | 2-14-24   | 0955 | 2                         |                 | 2             |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | 24020002-012 |             |             |             |
| 5      | G214                                     | WT                                 | G                                      |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | N/A          |             |             |             |
| 6      | G215                                     | WT                                 | G                                      |                             |           |      | 2                         |                 |               |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | 24020002-013 |             |             |             |
| 7      | G216                                     | WT                                 | G                                      |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | N/A          |             |             |             |
| 8      | G217                                     | WT                                 | G                                      |                             |           |      | 2                         |                 |               |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | 24020002-014 |             |             |             |
| 9      | G218                                     | WT                                 | G                                      |                             |           |      | 2                         |                 | 2             |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | 24020002-015 |             |             |             |
| 10     | G270                                     | WT                                 | G                                      |                             |           |      | 2                         |                 | 2             |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | 24020002-016 |             |             |             |
| 11     | G271                                     | WT                                 | G                                      |                             |           |      | 2                         |                 | 2             |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | 24020002-017 |             |             |             |
| 12     | G272                                     | WT                                 | G                                      |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | N/A          |             |             |             |
| 13     | G273                                     | WT                                 | G                                      |                             |           |      | 2                         |                 | 2             |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | 24020002-018 |             |             |             |
| 14     | G274                                     | WT                                 | G                                      |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | N/A          |             |             |             |
| 15     | G275                                     | WT                                 | G                                      |                             |           |      | 2                         |                 | 2             |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | 24020002-019 |             |             |             |
| 16     | G275D                                    | WT                                 | G                                      |                             |           |      | 2                         |                 | 2             |                                |                  |     |      |   |          |       |                                   |             |               |                         |                        |             |             |             |             | 24020002-020 |             |             |             |

|  |                               |             |             |                           |                |             |                   |   |  |
|--|-------------------------------|-------------|-------------|---------------------------|----------------|-------------|-------------------|---|--|
| ADDITIONAL COMMENTS                      | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE           | TIME        | SAMPLE CONDITIONS |   |  |
| <b>COF-24Q1 Rev 1</b><br>Ra226/228, only | <i>J. Galp</i>                | <b>2-14</b> | <b>1655</b> | <i>[Signature]</i>        | <b>2-14-24</b> | <b>1655</b> | 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>JUSTIN GALP</i> |  |  |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>[Signature]</i> |  |  | DATE Signed (MM/DD/YY): | <b>2-14-24</b>        |                             |                      |





### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|   |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|
| <b>Section A</b><br>Required Client Information:<br>Company: <b>Vistra Corp-Coffee</b><br>Address: <b>134 CIPS Lane</b><br><b>Coffeeen, IL 62017</b><br>Email To: <b>Brian.Voeiker@VistraCorp.com</b><br>Phone: <b>(217) 753-8911</b> Fax:<br>Requested Due Date/TAT: <b>10 day</b> |  | <b>Section B</b><br>Required Project Information:<br>Report To: <b>Brian Voeiker</b><br>Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b><br>John Romang - John.Romang@vistracorp.com<br>Scott Bell - Michael.Bell@vistracorp.com<br>Purchase Order No.:<br>Project Name:<br>Project Number: <b>2285</b> |  | <b>Section C</b><br>Invoice Information:<br>Attention: <b>Jason Stuckey</b><br>Company Name: <b>Vistra Corp</b><br>Address: <b>see Section A</b><br>Quote Reference:<br>Project Manager:<br>Profile #: |  | <b>REGULATORY AGENCY</b><br>NPDES GROUND WATER DRINKING WATER<br>UST RCRA OTHER<br>Site Location: IL<br>STATE: |  |  |
|---|--|--|--|--|--|--|--|--|

| ITEM # | Section D<br>Required Client Information<br><br>SAMPLE ID<br>(A-Z, 0-9 / . -)<br>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) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |
|--------|--|--------------------|------|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|
|        |  | MATRIX             | CODE |                                       |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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 |                         |                       |
| 1      | G308   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-036          |
| 2      | G310   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-037          |
| 3      | G312   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-038          |
| 4      | G313   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-039          |
| 5      | G314   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-040          |
| 6      | G314D  | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-041          |
| 7      | G315   | WT                 | G    |                                       |                             | 2/14/24   | 1245 |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-042          |
| 8      | G316   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-043          |
| 9      | G401   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          |       | X             |                                   |             |             |             |             |             | X           |             |             |             |                         | 24020002-044          |
| 10     | G402   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             | X           |             | X           |             |             |                         | 24020002-045          |
| 11     | G403   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             | X           |             | X           |             |             |                         | 24020002-046          |
| 12     | G404   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             | X           |             | X           |             |             |                         | 24020002-047          |
| 13     | G405   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             | X           |             | X           |             |             |                         | 24020002-048          |
| 14     | G406   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             | X           |             | X           |             |             |                         | 24020002-049          |
| 15     | G407   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          | X     |               |                                   |             |             |             |             | X           |             | X           |             |             |                         | 24020002-050          |
| 16     | G410   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          |       |               |                                   |             |             |             |             |             | X           |             |             |             |                         | 24020002-051          |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |   |  |  |  |  |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|---|--|--|--|--|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Colp                       | 2-14 | 1655 | Sammy                     | 2/14/24 | 1655 |                   | 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: <b>Justin Colp</b><br>SIGNATURE of SAMPLER: <i>Justin Colp</i><br>DATE Signed (MM/DD/YYYY): <b>2-14-24</b> |            |                       |                             |                      |

**24020002**

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

| Section A<br>Required Client Information:     |   | Section B<br>Required Project Information:  |  | Section C<br>Invoice Information: |  |
|---|---|---|--|-----------------------------------|--|
| Company: <b>Vistra Corp-Coffeen</b>           | Report To: <b>Brian Voelker</b>                           | Attention: <b>Jason Stuckey</b>             |  |                                   |  |
| Address: <b>134 CIPS Lane</b>                 | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> | Company Name: <b>Vistra Corp</b>            |  |                                   |  |
| <b>Coffeen, IL 62017</b>                      | <b>John Romang - John.Romang@vistracorp.com</b>           | Address: <b>see Section A</b>               |  |                                   |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b> | <b>Scott Bell- Michael.Bell@vistracorp.com</b>            | REGULATORY AGENCY                           |  |                                   |  |
| Phone: <b>(217) 753-8911</b> Fax:             | Purchase Order No.:                                       | NPDES      GROUND WATER      DRINKING WATER |  |                                   |  |
| Requested Due Date/TAT: <b>10 day</b>         | Project Name:   | UST      RCRA      OTHER                    |  |                                   |  |
|   | Project Number: <b>2285</b>                               | Site Location                               |  |                                   |  |
|   |   | STATE: <b>IL</b>                            |  |                                   |  |

| ITEM # | Section D<br>Required Client Information<br><br>SAMPLE ID<br>(A-Z, 0-9 / . )<br>Sample IDs MUST BE UNIQUE | Valid Matrix Codes<br>MATRIX CODE<br>DRINKING WATER DW<br>WATER WT<br>WASTE WATER WW<br>PRODUCT P<br>SOL/SOLID SL<br>OIL OL<br>VPE VP<br>AIR AR<br>OTHER OT<br>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) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |
|--------|---|--|---------------------------------------|-----------------------------|-----------|---------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-----------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|
|        |   |  |                                       |                             | DATE      | TIME    |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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 |                         |                       |
| 1      | G411  |  | WT                                    | G                           |           |         |                           | 2               |               |                                |                  |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-052          |
| 2      | L201  |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         | N/A                   |
| 3      | L202  |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         | N/A                   |
| 4      | L203  |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         | N/A                   |
| 5      | NE Riser  |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   | X           |             |             |             |             |             |             |             |             |                         | N/A                   |
| 6      | R104  |  | WT                                    | G                           |           | 2-14-24 | 1238                      |                 |               |                                |                  |     |      |   |          |                 | X                                 |             |             |             |             |             | X           |             |             |             |                         | N/A                   |
| 7      | R201  |  | WT                                    | G                           |           |         |                           | 2               |               |                                | 2                |     |      |   | X        |                 | X                                 |             |             |             | X           |             |             |             |             |             |                         | 24020002-053          |
| 8      | R205  |  | WT                                    | G                           |           | 2-14-24 | 0922                      |                 |               |                                |                  |     |      |   |          |                 |                                   |             |             |             |             |             | X           |             |             |             |                         | N/A                   |
| 9      | SG-02   |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   | X        |                 |                                   | X           | X           |             |             |             |             |             |             |             |                         | N/A                   |
| 10     | SG-03   |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   | X        |                 |                                   | X           | X           |             |             |             |             |             |             |             |                         | N/A                   |
| 11     | T127  |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   | X        |                 |                                   |             |             |             |             |             |             |             |             |             |                         | N/A                   |
| 12     | T128  |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         | N/A                   |
| 13     | X201  |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   |             |             |             |             |             |             | X           |             |             |                         | N/A                   |
| 14     | XPW01   |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   | X           |             |             |             |             |             |             |             |             |                         | N/A                   |
| 15     | XPW02   |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   | X           |             |             |             |             |             |             |             |             |                         | N/A                   |
| 16     | XSG-01  |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   | X           |             |             |             |             |             |             |             |             |                         | N/A                   |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Colp                       | 2-14 | 1655 | [Signature]               | 2/14/24 | 1655 | 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: <i>Justin Colp</i> | SIGNATURE of SAMPLER: <i>[Signature]</i> | DATE Signed (MM/DD/YY): <i>2-14-24</i> |            |                       |                             |                      |

24020002

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |  |              |                |
|--|--|---|--|--|--------------|----------------|
| <b>Section A</b><br>Required Client Information:   |  | <b>Section B</b><br>Required Project Information:                                   |  | <b>Section C</b><br>Invoice Information: |              |                |
| Company: Vistra Corp-Coffeen   |  | Report To: Brian Voelker  |  | Attention: Jason Stuckey                 |              |                |
| Address: 134 CIPS Lane<br>Coffeen, IL 62017  |  | Copy To: Sam Davies-samantha.davies@vistracorp.com                                  |  | Company Name: Vistra Corp                |              |                |
| Email To: <a href="mailto:brian.voelker@VistraCorp.com">brian.voelker@VistraCorp.com</a> |  | John Romang - John.Romang@vistracorp.com<br>Scott Bell: Michael.Bell@vistracorp.com |  | Address: see Section A                   |              |                |
| Phone: (217) 753-8911  |  | Purchase Order No.:   |  | Quote Reference:                         |              |                |
| Requested Due Date/TAT: 10 day   |  | Project Name:   |  | Project Manager:                         |              |                |
| Fax:   |  | Project Number: 2285  |  | Profile #:                               |              |                |
|  |  |   |  | <b>REGULATORY AGENCY</b>                 |              |                |
|  |  |   |  | NPDES                                    | GROUND WATER | DRINKING WATER |
|  |  |   |  | UST                                      | RCRA         | OTHER          |
|  |  |   |  | <b>Site Location</b>                     |              |                |
|  |  |   |  | <b>STATE:</b>                            |              |                |
|  |  |   |  | IL                                       |              |                |

| ITEM # | Section D<br>Required Client Information<br><br><b>SAMPLE ID</b><br>(A-Z, 0-9 / .)<br>Sample IDs MUST BE UNIQUE | Valid Matrix Codes<br>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<br>↓ Analysis Test ↓<br>Y/N | Requested Analysis Filtered (Y/N) |   |          |   |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |              |                  |              |                  |              |
|--------|---|-----------------------------------|----|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|------|-------------|--------------------------------|------------------|-----|---|-----------------------------------|---|----------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|--------------|------------------|--------------|------------------|--------------|
|        |   | DRINKING WATER                    | DW |                                       |                             | WATER     | WT   |                           |                 | WASTE WATER   | VW   | PRODUCT     | P                              | SOIL/SOLID       | SL  |   | OK                                | OK  | NaOH     | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol    | Other       | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 |                         |                       | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103  | COF-845-104      | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |   | OTHER                             | OT |                                       |                             | TISSUE    | TS   |                           |                 | DATE          | TIME | Unpreserved | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl |   | NaOH                              | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other   | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 |                         |                       | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |                  |              |
| 1      | Field Blank   | WT                                | G  |                                       |                             |           |      |                           | 2               |               |      |             |                                |                  |     |   | X                                 | X   | X        | X   | X           | X           | X           | X           | X           | X           | X                       | X                     | X           | X           | X           | X           | X            | X                | X            | X                | 24020002-054 |
| 2      | G102 Duplicate  | WT                                | G  |                                       |                             | 2-14-24   | 1113 |                           |                 |               |      |             |                                |                  |     |   |                                   |   |          |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              | N/A              |              |
| 3      | G200 Duplicate  | WT                                | G  |                                       |                             |           |      |                           | 2               |               |      |             |                                |                  |     |   |                                   |   | X        |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              | 24020002-055     |              |
| 4      | G273 Duplicate  | WT                                | G  |                                       |                             |           |      |                           | 2               |               |      |             |                                |                  |     |   |                                   |   |          | X   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              | 24020002-056     |              |
| 5      | G301 Duplicate  | WT                                | G  |                                       |                             |           |      |                           | 2               |               |      |             |                                |                  |     |   | X                                 |   |          |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              | 24020002-057     |              |
| 6      | R201 Duplicate  | WT                                | G  |                                       |                             |           |      |                           | 2               |               |      |             |                                |                  |     |   |                                   |   |          |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              | 24020002-058     |              |
| 7      | Equipment Blank 1   | WT                                | G  |                                       |                             |           |      |                           | 2               |               |      |             |                                |                  |     |   | X                                 | X   | X        | X   | X           | X           | X           | X           | X           | X           | X                       | X                     | X           | X           | X           | X           | X            | X                | X            | 24020002-059     |              |
| 8      | Equipment Blank 2   | WT                                | G  |                                       |                             |           |      |                           | 2               |               |      |             |                                |                  |     |   | X                                 | X   | X        | X   | X           | X           | X           | X           | X           | X           | X                       | X                     | X           | X           | X           | X           | X            | X                | X            | 24020002-060     |              |
| 9      | Equipment Blank 3   | WT                                | G  |                                       |                             |           |      |                           | 2               |               |      |             |                                |                  |     |   | X                                 | X   | X        | X   | X           | X           | X           | X           | X           | X           | X                       | X                     | X           | X           | X           | X           | X            | X                | X            | 24020002-061     |              |
| 10     |   |                                   |    |                                       |                             |           |      |                           |                 |               |      |             |                                |                  |     |   |                                   |   |          |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              |                  |              |
| 11     |   |                                   |    |                                       |                             |           |      |                           |                 |               |      |             |                                |                  |     |   |                                   |   |          |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              |                  |              |
| 12     |   |                                   |    |                                       |                             |           |      |                           |                 |               |      |             |                                |                  |     |   |                                   |   |          |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              |                  |              |
| 13     |   |                                   |    |                                       |                             |           |      |                           |                 |               |      |             |                                |                  |     |   |                                   |   |          |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              |                  |              |
| 14     |   |                                   |    |                                       |                             |           |      |                           |                 |               |      |             |                                |                  |     |   |                                   |   |          |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              |                  |              |
| 15     |   |                                   |    |                                       |                             |           |      |                           |                 |               |      |             |                                |                  |     |   |                                   |   |          |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              |                  |              |
| 16     |   |                                   |    |                                       |                             |           |      |                           |                 |               |      |             |                                |                  |     |   |                                   |   |          |   |             |             |             |             |             |             |                         |                       |             |             |             |             |              |                  |              |                  |              |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |  |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|--|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Colp                       | 2-14 | 1655 | [Signature]               | 2/14/24 | 1655 | Y                 | N |  |

| SAMPLER NAME AND SIGNATURE |             | Temp in °C              | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples intact (Y/N) |
|----------------------------|-------------|-------------------------|-----------------------|-----------------------------|----------------------|
| PRINT Name of SAMPLER:     | [Signature] |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | [Signature] | DATE Signed (MM/DD/YY): | 2-14-24               |                             |                      |

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01/25-104

**CHAIN-OF-CUSTODY / Analytical Request Document**

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|  |  |   |  |  |  |
|--|--|---|--|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Sport Belt: Michael.Bell@vistracorp.com                   |  | Quote Reference:                         |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Purchase Order No.:                                       |  | Project Name:                            |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Number: <b>2285</b>                               |  | Profile #:                               |  |
|  |  |   |  | <b>REGULATORY AGENCY</b>                 |  |
|  |  |   |  | NPDES <b>GROUND WATER</b> DRINKING WATER |  |
|  |  |   |  | UST RCRA OTHER                           |  |
|  |  |   |  | Site Location                            |  |
|  |  |   |  | STATE: <b>IL</b>                         |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | COLLECTED | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |     |      |   |          |       |                 |             |             | Project No./ Lab I.D. |                         |             |             |             |             |             |             |              |
|--------|--|-----------------------------------|-----------|---------|------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|-----|------|---|----------|-------|-----------------|-------------|-------------|-----------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        |  |                                   |           |         |      |                           |                 | Preservatives                     |                                |                  |     |      |   |          |       |                 |             |             |                       | Residual Chlorine (Y/N) |             |             |             |             |             |             |              |
|        |  |                                   |           |         |      |                           |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| 1      | G122                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |                 |             |             |                       |                         |             |             |             |             |             | N/A         |              |
| 2      | G123                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |                 |             |             |                       |                         |             |             |             |             |             |             | N/A          |
| 3      | G124                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |                 |             |             |                       |                         |             |             |             |             |             |             | N/A          |
| 4      | G125                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   | X        | X     |                 |             |             |                       |                         |             |             |             |             |             |             | N/A          |
| 5      | G126                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   | X        |       |                 |             |             |                       |                         |             |             |             |             |             |             | N/A          |
| 6      | G151                                     | WT                                | G         |         |      |                           | 2               |                                   | 2                              |                  |     |      |   |          |       |                 |             |             |                       |                         |             |             |             |             | X           |             | 24020002-002 |
| 7      | G152                                     | WT                                | G         |         |      |                           | 2               |                                   | 2                              |                  |     |      |   |          |       |                 |             |             |                       |                         |             |             |             |             | X           |             | 24020002-003 |
| 8      | G153                                     | WT                                | G         |         |      |                           | 2               |                                   | 2                              |                  |     |      |   |          |       |                 |             |             |                       |                         |             |             |             |             | X           |             | 24020002-004 |
| 9      | G154                                     | WT                                | G         |         |      |                           | 2               |                                   | 2                              |                  |     |      |   |          |       |                 |             |             |                       |                         |             |             |             | X           | X           |             | 24020002-005 |
| 10     | G155                                     | WT                                | G         |         |      |                           | 2               |                                   | 2                              |                  |     |      |   |          |       |                 |             |             |                       |                         |             |             |             | X           |             |             | 24020002-006 |
| 11     | G200                                     | WT                                | G         |         |      |                           | 2               |                                   | 2                              |                  |     |      |   |          | X     | X               |             |             |                       |                         |             |             |             | X           |             |             | 24020002-007 |
| 12     | G206                                     | WT                                | G         | 7-13-24 | 1144 |                           | 2               |                                   | 2                              |                  |     |      |   |          | X     |                 |             |             |                       |                         |             |             |             | X           | X           |             | 24020002-008 |
| 13     | G206D                                    | WT                                | G         |         |      |                           | 2               |                                   | 2                              |                  |     |      |   |          | X     |                 |             |             |                       |                         |             |             |             |             |             |             | 24020002-009 |
| 14     | G207                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |                 |             |             |                       |                         |             |             |             |             | X           |             | N/A          |
| 15     | G208                                     | WT                                | G         | 7-13-24 | 1100 |                           |                 |                                   |                                |                  |     |      |   |          |       |                 |             |             |                       |                         |             |             |             |             | X           |             | N/A          |
| 16     | G209                                     | WT                                | G         | 7-13-24 | 1030 |                           | 2               |                                   | 2                              |                  |     |      |   |          | X     |                 |             |             |                       |                         |             |             |             |             | X           | X           | 24020002-010 |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |   |   |   |
|-----------------------------------|-------------------------------|------|------|---------------------------|------|------|-------------------|---|---|---|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Colp                       | 7-13 | 1640 | Justin Colp               | 7-13 | 1640 | 9.1               | ⊙ | z | Y |

|                                   |             |            |                       |                             |                      |
|-----------------------------------|-------------|------------|-----------------------|-----------------------------|----------------------|
| <b>SAMPLER NAME AND SIGNATURE</b> |             | Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER:            | Justin Colp |            |                       |                             |                      |
| SIGNATURE of SAMPLER:             | [Signature] |            |                       |                             |                      |
| DATE Signed (MM/DD/YYYY):         | 7-13-24     |            |                       |                             |                      |

PAV 90719  
Added HNO<sub>3</sub>(949M)  
to G313, G314,  
G314D, G316

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LT# 2/14/24

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|  |  |   |  |  |  |
|--|--|---|--|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  |
| Company: <b>Visira Corp-Coffeen</b>              |  | Report To: <b>Brian Voeiker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@visiracorp.com</b> |  | Company Name: <b>Visira Corp</b>         |  |
| Coffeen, IL 62017                                |  | John Romang - John.Romang@visiracorp.com                  |  | Address: <b>see Section A</b>            |  |
| Email To: <b>Brian.Voeiker@VisiraCorp.com</b>    |  | Purchase Order No.:                                       |  | Quote Reference:                         |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Project Name:   |  | Project Manager:                         |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Number: <b>2285</b>                               |  | Profile #:                               |  |

| REGULATORY AGENCY |              |                |
|-------------------|--------------|----------------|
| NPDES             | GROUND WATER | DRINKING WATER |
| UST               | RCRA         | OTHER          |
| Site Location     |              | IL             |
| STATE:            |              |                |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | COLLECTED | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |       |      |     |      |         |          |       |             |             | Analysis Test | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |              |                  | Residual Chlorine (Y/N) | Project No./ Lab I.D. |              |  |  |              |              |
|--------|--|-----------------------------------|-----------|---------|------|---------------------------|-----------------|---------------|-------|------|-----|------|---------|----------|-------|-------------|-------------|---------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|-------------------------|-----------------------|--------------|--|--|--------------|--------------|
|        |  |                                   |           |         |      |                           |                 | Unpreserved   | H2SO4 | HNO3 | HCl | NaOH | Na2S2O3 | Methanol | Other | COF-257-101 | COF-257-102 |               | COF-257-103                       | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 |                         |                       | COF-WPCP-106 |  |  |              |              |
| 1      |  | G210                              |           | 7-13-24 | 0948 |                           |                 |               |       |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | N/A          |              |
| 2      |  | G211                              |           |         |      |                           |                 |               |       |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | N/A          |              |
| 3      |  | G212                              |           |         |      |                           | 2               |               | 2     |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | 24020002-011 |              |
| 4      |  | G213                              |           |         |      |                           | 2               |               | 2     |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | 24020002-012 |              |
| 5      |  | G214                              |           | 7-13-24 | 1437 |                           |                 |               |       |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | N/A          |              |
| 6      |  | G215                              |           |         | 1412 |                           | 2               |               | 2     |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | 24020002-013 |              |
| 7      |  | G216                              |           |         | 1340 |                           |                 |               |       |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | N/A          |              |
| 8      |  | G217                              |           |         | 1210 |                           | 2               |               |       |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | 24020002-014 |              |
| 9      |  | G218                              |           |         | 1211 |                           | 2               |               | 2     |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | 24020002-015 |              |
| 10     |  | G270                              |           |         |      |                           | 2               |               | 2     |      |     |      |         |          |       | X           |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | 24020002-016 |              |
| 11     |  | G271                              |           |         |      |                           | 2               |               | 2     |      |     |      |         |          |       |             | X           |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  | 24020002-017 |              |
| 12     |  | G272                              |           |         |      |                           |                 |               |       |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  |              | N/A          |
| 13     |  | G273                              |           |         |      |                           | 2               |               | 2     |      |     |      |         |          |       |             | X           |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  |              | 24020002-018 |
| 14     |  | G274                              |           |         |      |                           |                 |               |       |      |     |      |         |          |       |             |             |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  |              | N/A          |
| 15     |  | G275                              |           |         |      |                           | 2               |               | 2     |      |     |      |         |          |       |             | X           |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  |              | 24020002-019 |
| 16     |  | G275D                             |           |         |      |                           | 2               |               | 2     |      |     |      |         |          |       |             | X           |               |                                   |             |             |             |             |             |             |             |              |                  |                         |                       |              |  |  |              | 24020002-020 |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |   |   |
|-----------------------------------|-------------------------------|------|------|---------------------------|------|------|-------------------|---|---|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Colp                       | 7-13 | 1640 | Justin Colp               | 7-13 | 1640 | 9.1               | > | 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 Colp        |  |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>[Signature]</i> |  | DATE Signed (MM/DD/YY): | 2-13-24               |                             |                      |

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|  |      |   |  |  |  |  |  |
|--|------|---|--|--|--|--|--|
| <b>Section A</b><br>Required Client Information: |      | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  | Page: 5 of 7   |  |
| Company: <u>Vistra Corp-Coffee</u>               |      | Report To: <u>Brian Voelker</u>                           |  | Attention: <u>Jason Stuckey</u>          |  | REGULATORY AGENCY<br>NPDES      GROUND WATER      DRINKING WATER<br>UST          RCRA                  OTHER<br>Site Location<br>STATE: IL |  |
| Address: <u>134 CIPS Lane</u>                    |      | Copy To: <u>Sam Davies-samantha.davies@vistracorp.com</u> |  | Company Name: <u>Vistra Corp</u>         |  |  |  |
| <u>Coffeen, IL 62017</u>                         |      | John Romang - John.Romang@vistracorp.com                  |  | Address: <u>see Section A</u>            |  |  |  |
| Email To: <u>Brian Voelker@VistraCorp.com</u>    |      | Scott Bell- Michael.Bell@vistracorp.com                   |  | Quote Reference:                         |  |  |  |
| Phone: <u>(217) 753-8911</u>                     | Fax: | Project Name:   |  | Project Manager:                         |  |  |  |
| Requested Due Date/TAT: <u>10 day</u>            |      | Project Number: <u>2285</u>                               |  | Profile #:                               |  |  |  |

| ITEM #              | Section D<br>Required Client Information | Valid Matrix Codes | MATRIX CODE                   | SAMPLE TYPE | DATE    | TIME | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |                         |      |   |          |       |             |             |             |             | Project No./ Lab I.D. |             |             |             |             |             |              |                  |              |  |  |  |              |
|---------------------|--|--------------------|-------------------------------|-------------|---------|------|-----------------|-----------------------------------|--------------------------------|------------------|-------------------------|------|---|----------|-------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|--------------|--|--|--|--------------|
|                     |  |                    |                               |             |         |      |                 | COLLECTED                         | Preservatives                  | Analysis Test    | Residual Chlorine (Y/N) |      |   |          |       |             |             |             |             |                       |             |             |             |             |             |              |                  |              |  |  |  |              |
|                     | <b>SAMPLE ID</b><br>(A-Z, 0-9 / .)       | MATRIX CODE        | WT                            | G           |         |      |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl                     | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105           | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |  |  |  |              |
| 1                   | G308                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             |             |             |             |             |              |                  |              |  |  |  | 24020002-036 |
| 2                   | G310                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             |             | X           |             |             |              |                  |              |  |  |  | 24020002-037 |
| 3                   | G312                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             | X           |             |             |             |              |                  |              |  |  |  | 24020002-038 |
| 4                   | G313                                     |                    | WT                            | G           | 2-13-24 | 1419 | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             | X           |             |             |             |              |                  |              |  |  |  | 24020002-039 |
| 5                   | G314                                     |                    | WT                            | G           |         | 1311 | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             | X           |             |             |             |              |                  |              |  |  |  | 24020002-040 |
| 6                   | G314D                                    |                    | WT                            | G           |         | 1220 | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             | X           |             |             |             |              |                  |              |  |  |  | 24020002-041 |
| 7                   | G315                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             | X           |             |             |             |              |                  |              |  |  |  | 24020002-042 |
| 8                   | G316                                     |                    | WT                            | G           | 2-13-24 | 1131 | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             | X           |             |             |             |              |                  |              |  |  |  | 24020002-043 |
| 9                   | G401                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       |             | X           |             |             |                       |             |             | X           |             |             | X            |                  |              |  |  |  | 24020002-044 |
| 10                  | G402                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             |             | X           |             |             | X            |                  |              |  |  |  | 24020002-045 |
| 11                  | G403                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             |             | X           |             |             | X            |                  |              |  |  |  | 24020002-046 |
| 12                  | G404                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             |             | X           |             |             | X            |                  |              |  |  |  | 24020002-047 |
| 13                  | G405                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             |             | X           |             |             | X            |                  |              |  |  |  | 24020002-048 |
| 14                  | G406                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             |             | X           |             |             | X            |                  |              |  |  |  | 24020002-049 |
| 15                  | G407                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       | X           |             |             |             |                       |             |             | X           |             |             | X            |                  |              |  |  |  | 24020002-050 |
| 16                  | G410                                     |                    | WT                            | G           |         |      | 2               |                                   |                                |                  |                         |      |   |          |       |             |             |             |             |                       |             |             |             |             | X           |              |                  |              |  |  |  | 24020002-051 |
| ADDITIONAL COMMENTS |  |                    | RELINQUISHED BY / AFFILIATION |             |         | DATE | TIME            | ACCEPTED BY / AFFILIATION         |                                |                  | DATE                    | TIME | SAMPLE CONDITIONS                             |          |       |             |             |             |             |                       |             |             |             |             |             |              |                  |              |  |  |  |              |
| COF-24Q1 Rev 1      |  |                    | J. Colp                       |             |         | 2-13 | 1640            | [Signature]                       |                                |                  | 2-13                    | 1640 | 9.1   |          |       |             |             |             |             |                       |             |             |             |             |             |              |                  |              |  |  |  |              |
| Ra226/228, only     |  |                    |                               |             |         |      |                 |                                   |                                |                  |                         |      |   |          |       |             |             |             |             |                       |             |             |             |             |             |              |                  |              |  |  |  |              |

|  |                       |  |                      |
|--|-----------------------|--|----------------------|
| SAMPLER NAME AND SIGNATURE               |                       |  |                      |
| PRINT Name of SAMPLER: <u>Justin Cip</u> |                       | DATE Signed (MM/DD/YY): <u>2-13-24</u> |                      |
| SIGNATURE of SAMPLER: <u>[Signature]</u> |                       |  |                      |
| Temp in °C                               | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N)            | Samples Intact (Y/N) |

LTG7

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information:        |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>                 |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>                |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>                   |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Scott Reil- Michael.Bell@vistracorp.com                   |  | NPDES <b>GROUND WATER</b> <b>DRINKING WATER</b> |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Purchase Order No.:                                       |  | UST <b>RCRA</b> <b>OTHER</b>                    |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Name:   |  | Site Location                                   |  |
|  |  | Project Number: <b>2285</b>                               |  | STATE: <b>IL</b>                                |  |

| ITEM #                      | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE     | COLLECTED                   | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |     |      |   |          |       |               |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |             |              |                  |              |                         |                       |
|-----------------------------|--|---------------------------------------|-----------------------------|---------|------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|--------------|-------------------------|-----------------------|
|                             |  |                                       |                             |         |      |                           |                 | Preservatives                     |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              |                  |              |                         |                       |
| SAMPLE ID<br>(A-Z, 0-9 / .) |  | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 | Residual Chlorine (Y/N) | Project No./ Lab I.D. |
| 1                           | AP2D                                     | WT                                    | G                           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             | X                       |                       |             |             |             |             |             |             |             |              |                  |              |                         | N/A                   |
| 2                           | G1001                                    | WT                                    | G                           | 2-15-24 | 1323 |                           | 2               |                                   |                                | 2                |     |      |   |          |       |               | X           |                         |                       |             |             |             |             | X           |             |             |              |                  |              |                         | 24020002-001          |
| 3                           | G1003                                    | WT                                    | G                           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               | X           |                         |                       |             |             |             |             | X           |             |             |              |                  |              |                         | N/A                   |
| 4                           | G101                                     | WT                                    | G                           | 2-15-24 | 1303 |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              |                  |              |                         | N/A                   |
| 5                           | G102                                     | WT                                    | G                           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             | X           | X           |             |             |             |             |              | X                |              |                         | N/A                   |
| 6                           | G103                                     | WT                                    | G                           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              | X                |              |                         | N/A                   |
| 7                           | G105                                     | WT                                    | G                           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              | X                |              |                         | N/A                   |
| 8                           | G106                                     | WT                                    | G                           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       | X           | X           |             |             |             |             |             |              | X                |              |                         | N/A                   |
| 9                           | G107                                     | WT                                    | G                           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              | X                |              |                         | N/A                   |
| 10                          | G108                                     | WT                                    | G                           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              | X                |              |                         | N/A                   |
| 11                          | G109                                     | WT                                    | G                           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              | X                |              |                         | N/A                   |
| 12                          | G110                                     | WT                                    | G                           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             | X           | X           |             |             |             |             |              |                  |              |                         | N/A                   |
| 13                          | G111                                     | WT                                    | G                           | 2-15-24 | 0903 |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              | X                |              |                         | N/A                   |
| 14                          | G119                                     | WT                                    | G                           | 2-15-24 | 0947 |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              | X                |              |                         | N/A                   |
| 15                          | G120                                     | WT                                    | G                           | 2-15-24 | 1004 |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              | X                |              |                         | N/A                   |
| 16                          | G121                                     | WT                                    | G                           | 2-15-24 | 1040 |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              | X                |              |                         | N/A                   |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Colp                       | 2-15 | 1600 | [Signature]               | 2/15/24 | 1600 | #5<br>8.1<br>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 Colp |            |                       |                             |                      |
| SIGNATURE of SAMPLER:      | [Signature] |            |                       |                             |                      |
| DATE Signed (M/W/DD/YY):   | 2-15-24     |            |                       |                             |                      |

PHV 90719  
Added HNO3 to all (94914)

LH 2/16/24

### CHAIN-OF-CUSTODY / Analytical Request Document

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|  |  |   |  |  |  |   |  |
|--|--|---|--|--|--|---|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  | Page: 2 of 7                                |  |
| Company: <b>Vistra Corp-Coffee</b>               |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  | <b>REGULATORY AGENCY</b>                    |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |   |  |
| Address: <b>Coffeen, IL 62017</b>                |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  | NPDES      GROUND WATER      DRINKING WATER |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Scott Bell-Michael.Bell@vistracorp.com                    |  | Quote Reference:                         |  | UST      RCRA      OTHER                    |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Project Name:   |  | Project Manager:                         |  | Site Location                               |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Number: <b>2285</b>                               |  | Profic #:                                |  | STATE: <b>IL</b>                            |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | COLLECTED | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |     |      |   |          |       |               |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |              |
|--------|--|-----------------------------------|-----------|---------|------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        |  |                                   |           |         |      |                           |                 | Preservatives                     |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             |             |             |              |
|        |  |                                   |           |         |      |                           |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| 1      | G122                                     | WT G                              |           | 2-15-24 | 1105 |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             |             | N/A         |              |
| 2      | G123                                     | WT G                              |           | 2-15-24 | 1131 |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             |             |             | N/A          |
| 3      | G124                                     | WT G                              |           | 2-15-24 | 1153 |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             |             |             | N/A          |
| 4      | G125                                     | WT G                              |           | 2-15-24 | 1219 |                           |                 |                                   |                                |                  |     |      |   | X        | X     |               |             |             |                         |                       |             |             |             |             |             |             | N/A          |
| 5      | G126                                     | WT G                              |           | 2-15-24 | 1322 |                           |                 |                                   |                                |                  |     |      |   |          | X     |               |             |             |                         |                       |             |             |             |             |             |             | N/A          |
| 6      | G151                                     | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             | X           |             | 24020002-002 |
| 7      | G152                                     | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             | X           |             | 24020002-003 |
| 8      | G153                                     | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             | X           |             | 24020002-004 |
| 9      | G154                                     | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             | X           | X           |             | 24020002-005 |
| 10     | G155                                     | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             | X           | X           |             | 24020002-006 |
| 11     | G200                                     | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   | X        | X     |               |             |             |                         |                       |             |             |             | X           | X           |             | 24020002-007 |
| 12     | G206                                     | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   | X        |       |               |             |             |                         |                       |             |             |             | X           | X           |             | 24020002-008 |
| 13     | G206D                                    | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   | X        |       |               |             |             |                         |                       |             |             |             | X           | X           |             | 24020002-009 |
| 14     | G207                                     | WT G                              |           | 2-15-24 | 1155 |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             | X           |             | N/A          |
| 15     | G208                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             | X           |             | N/A          |
| 16     | G209                                     | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   | X        |       |               |             |             |                         |                       |             |             |             | X           | X           |             | 24020002-010 |

|                     |  |                               |  |      |      |                           |  |         |      |                   |  |  |
|---------------------|--|-------------------------------|--|------|------|---------------------------|--|---------|------|-------------------|--|--|
| ADDITIONAL COMMENTS |  | RELINQUISHED BY / AFFILIATION |  | DATE | TIME | ACCEPTED BY / AFFILIATION |  | DATE    | TIME | SAMPLE CONDITIONS |  |  |
| COF-24Q1 Rev 1      |  | J. Cole                       |  | 2-15 | 1600 | [Signature]               |  | 2/15/24 | 1600 | y      z          |  |  |
| Ra226/228, only     |  |                               |  |      |      |                           |  |         |      |                   |  |  |

|                            |             |                           |                       |                             |                      |
|----------------------------|-------------|---------------------------|-----------------------|-----------------------------|----------------------|
| 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:      | [Signature] | DATE Signed (MM/DD/YYYY): | 2-15-24               |                             |                      |



**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

| Section A<br>Required Client Information:           | Section B<br>Required Project Information:   | Section C<br>Invoice Information: |  |
|---|--|-----------------------------------|--|
| Company: <b>Vistra Corp-Coffee</b>                  | Report To: <b>Brian Voelker</b>  | Attention: <b>Jason Stuckey</b>   |  |
| Address: <b>134 CIPS Lane<br/>Coffeen, IL 62017</b> | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com<br/>John Romang - John.Romang@vistracorp.com<br/>Scott Bell- Michael Bell@vistracorp.com</b> | Company Name: <b>Vistra Corp</b>  | <b>REGULATORY AGENCY</b><br>NPDES    GROUND WATER    DRINKING WATER<br>UST    RCRA    OTHER<br>Site Location<br>STATE:    IL |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>       | Purchase Order No.:  | Address: <b>see Section A</b>     |  |
| Phone: <b>(217) 753-8911</b> Fax:                   | Project Name:  | Quote Reference:                  |  |
| Requested Due Date/TAT: <b>10 day</b>               | Project Number: <b>2285</b>  | Project Manager<br>Profile #:     |  |

| ITEM # | Section D<br>Required Client Information<br><br>SAMPLE ID<br>(A-Z, 0-9 / .)<br>Sample IDs MUST BE UNIQUE | Valid Matrix Codes<br>MATRIX    CODE<br>DRINKING WATER    DW<br>WATER    WT<br>WASTE WATER    WW<br>PRODUCT    P<br>SOIL/SOLID    SL<br>OIL    OL<br>WPE    WP<br>AIR    AR<br>OTHER    OT<br>TISSUE    TS | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE    (S=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   | Analysis Test<br>Y/N | Requested Analysis Filtered (Y/N) |       |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |
|--------|--|--|--|--------------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------------------|-----------------------------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|
|        |  |  |  |                                | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      | 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 |                         |                       |
| 1      | G276   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             | 24020002-021            |                       |
| 2      | G277   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             | 24020002-022            |                       |
| 3      | G278   |  | WT                                       | G                              | 7-15-24   | 1103 |                           |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             | N/A                     |                       |
| 4      | G279   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             | 24020002-023            |                       |
| 5      | G280   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             | 24020002-024            |                       |
| 6      | G281   |  | WT                                       | G                              | 2-15-24   | 1422 | 2                         |                 |               |                                |                  |     |      | X   | X                    |                                   |       | X           | X           |             |             | X           |             |             |             | 24020002-025            |                       |
| 7      | G283   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             | 24020002-026            |                       |
| 8      | G284   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             | 24020002-027            |                       |
| 9      | G285   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             | 24020002-028            |                       |
| 10     | G301   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      | X   |                      |                                   |       | X           |             |             |             |             |             |             |             | 24020002-029            |                       |
| 11     | G302   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      | X   |                      |                                   |       | X           |             |             |             |             |             |             |             | 24020002-030            |                       |
| 12     | G303   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      | X   |                      |                                   |       | X           |             |             |             |             |             |             |             | 24020002-031            |                       |
| 13     | G305   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      | X   |                      |                                   |       | X           |             |             |             |             |             |             |             | 24020002-032            |                       |
| 14     | G306   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      | X   |                      |                                   |       | X           |             |             |             |             |             |             |             | 24020002-033            |                       |
| 15     | G307   |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      | X   |                      |                                   |       | X           |             |             |             |             |             |             |             | 24020002-034            |                       |
| 16     | G307D  |  | WT                                       | G                              |           |      | 2                         |                 |               |                                |                  |     |      | X   |                      |                                   |       | X           |             |             |             |             |             |             |             | 24020002-035            |                       |

| ADDITIONAL COMMENTS                      | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE           | TIME        | SAMPLE CONDITIONS |   |  |
|--|-------------------------------|-------------|-------------|---------------------------|----------------|-------------|-------------------|---|--|
| <b>COF-24Q1 Rev 1</b><br>Ra226/228, only | <i>J. Cold</i>                | <b>2-15</b> | <b>1600</b> | <i>James</i>              | <b>2/16/24</b> | <b>1600</b> | Y                 | Z |  |

|                                   |                    |                           |                       |                             |                      |
|-----------------------------------|--------------------|---------------------------|-----------------------|-----------------------------|----------------------|
| <b>SAMPLER NAME AND SIGNATURE</b> |                    | Temp in °C                | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER:            | <i>Justin Cold</i> |                           |                       |                             |                      |
| SIGNATURE of SAMPLER:             | <i>Justin Cold</i> | DATE Signed (MM/DD/YYYY): | <b>2-15-24</b>        |                             |                      |

24020002

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |   |  |   |
|--|---|--|---|
| <b>Section A</b><br>Required Client Information:   | <b>Section B</b><br>Required Project Information:   | <b>Section C</b><br>Invoice Information: |   |
| Company: Visira Corp-Coffeen   | Report To: Brian Voelker                            | Attention: Jason Stuckey                 |   |
| Address: 134 CIPS Lane   | Copy To: Sam Davies-samantha.davies@visitracorp.com | Company Name: Visira Corp                | <b>REGULATORY AGENCY</b>                    |
| Coffeen, IL 62017  | John Romang - John.Romang@visitracorp.com           | Address: see Section A                   | NPDES      GROUND WATER      DRINKING WATER |
| Email To: <a href="mailto:brian.voelker@visitracorp.com">brian.voelker@visitracorp.com</a> | Spoti Ball- Michael.Bell@visitracorp.com            |  | UST      RCRA      OTHER                    |
| Phone: (217) 753-8911      Fax:  | Purchase Order No.:                                 | Project Name:                            | Site Location: IL                           |
| Requested Due Date/TAT: 10 day   | Project Number: 2285                                | Project Manager:                         | STATE:                                      |
|  |   | Profile #:                               |   |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>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<br>Y/N | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |              | Residual Chlorine (Y/N) | Project No./ Lab I.D. |
|--------|--|------------------------------------|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|----------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------------------|-----------------------|
|        |  |                                    |                                       |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |                         |                       |
| 1      | G411                                     | WT                                 | G                                     |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       |                      |                                   |             |             |             |             |             |             |             |             | 24020002-052 |                         |                       |
| 2      | L201                                     | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   |          |       |                      |                                   |             |             |             |             |             |             |             |             | N/A          |                         |                       |
| 3      | L202                                     | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   |          |       |                      |                                   |             |             |             |             |             |             |             |             | N/A          |                         |                       |
| 4      | L203                                     | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   |          |       |                      |                                   |             |             |             |             |             |             |             |             | N/A          |                         |                       |
| 5      | NE Riser                                 | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   |          |       |                      |                                   | X           |             |             |             |             |             |             |             | N/A          |                         |                       |
| 6      | R104                                     | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   |          |       |                      |                                   |             |             |             | X           |             |             |             |             | N/A          |                         |                       |
| 7      | R201                                     | WT                                 | G                                     |                             |           |      | 2                         | 2               |               |                                |                  |     |      | X   |          | X     |                      |                                   | X           |             |             | X           |             |             |             |             | 24020002-053 |                         |                       |
| 8      | R205                                     | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                      |                                   |             |             |             | X           |             |             |             |             | N/A          |                         |                       |
| 9      | SG-02                                    | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   | X        |       | X                    | X                                 |             |             |             |             |             |             |             |             | N/A          |                         |                       |
| 10     | SG-03                                    | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   | X        |       | X                    | X                                 |             |             |             |             |             |             |             |             | N/A          |                         |                       |
| 11     | T127                                     | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   | X        |       |                      |                                   |             |             |             |             |             |             |             |             | N/A          |                         |                       |
| 12     | T128                                     | WT                                 | G                                     |                             | 2-15-24   | 0929 |                           |                 |               |                                |                  |     |      | X   |          |       |                      |                                   |             |             |             |             |             |             |             |             | N/A          |                         |                       |
| 13     | X201                                     | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   |          |       |                      |                                   |             |             |             | X           |             |             |             |             | N/A          |                         |                       |
| 14     | XPW01                                    | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   |          |       |                      |                                   | X           |             |             |             |             |             |             |             | N/A          |                         |                       |
| 15     | XPW02                                    | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   |          |       |                      |                                   | X           |             |             |             |             |             |             |             | N/A          |                         |                       |
| 16     | XSG-01                                   | WT                                 | G                                     |                             |           |      |                           |                 |               |                                |                  |     |      | X   |          |       |                      |                                   | X           |             |             |             |             |             |             |             | N/A          |                         |                       |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Gelp                       | 2-15 | 1600 | [Signature]               | 2/16/24 | 1600 | >      z          |

|                                   |             |                         |                       |                             |                      |
|-----------------------------------|-------------|-------------------------|-----------------------|-----------------------------|----------------------|
| <b>SAMPLER NAME AND SIGNATURE</b> |             | Temp in °C              | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER:            | JUSTIN GELP |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:             | [Signature] | DATE Signed (MM/DD/YY): | 2-15-24               |                             |                      |

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|   |  |   |  |                                   |  |   |  |  |
|---|--|---|--|-----------------------------------|--|---|--|--|
| Section A<br>Required Client Information:     |  | Section B<br>Report Project Information:                  |  | Section C<br>Invoice Information: |  | REGULATORY AGENCY                           |  |  |
| Company: <b>Vistra Corp-Coffee</b>            |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>   |  | NPDES      GROUND WATER      DRINKING WATER |  |  |
| Address: <b>134 CIPS Lane</b>                 |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>  |  | UST      RCRA      OTHER                    |  |  |
| <b>Coffee, IL 62017</b>                       |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>     |  | Site Location                               |  |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b> |  | Scott Bek - Michael.Bek@vistracorp.com                    |  | Quote Reference:                  |  | IL  |  |  |
| Phone: <b>(217) 753-8911</b> Fax:             |  | Purchase Order No.:                                       |  | Project Manager:                  |  | STATE:                                      |  |  |
| Requested Due Date/TAT: <b>10 day</b>         |  | Project Name:   |  | Profile #:                        |  |   |  |  |
|   |  | Project Number: <b>2285</b>                               |  |                                   |  |   |  |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | COLLECTED | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |     |      |   |          |       |               |  |  |               |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |              |             |             |              |                  |              |
|--------|--|-----------------------------------|-----------|---------|------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------|--|--|---------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|--------------|------------------|--------------|
|        |  |                                   |           |         |      |                           |                 | Preservatives                     |                                |                  |     |      |   |          |       |               |  |  | Analysis Test | COF-257-101 |                         |                       | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102  | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |  |                                   |           |         |      |                           |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other | Analysis Test |  |  |               |             |                         |                       |             |             |             |             |             |             |              |             |             |              |                  |              |
| 1      | G122                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             | N/A         |              |             |             |              |                  |              |
| 2      | G123                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | N/A          |             |             |              |                  |              |
| 3      | G124                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | N/A          |             |             |              |                  |              |
| 4      | G125                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | N/A          |             |             |              |                  |              |
| 5      | G126                                     | WT                                | G         |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | N/A          |             |             |              |                  |              |
| 6      | G151                                     | WT                                | G         |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | 24020002-002 |             |             |              |                  |              |
| 7      | G152                                     | WT                                | G         |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | 24020002-003 |             |             |              |                  |              |
| 8      | G153                                     | WT                                | G         |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | 24020002-004 |             |             |              |                  |              |
| 9      | G154                                     | WT                                | G         |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | 24020002-005 |             |             |              |                  |              |
| 10     | G155                                     | WT                                | G         | 2/16/24 | 1037 |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | 24020002-006 |             |             |              |                  |              |
| 11     | G200                                     | WT                                | G         |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       | X             |  |  |               |             |                         | X                     |             |             |             |             |             |             | 24020002-007 |             |             |              |                  |              |
| 12     | G206                                     | WT                                | G         |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       | X             |  |  |               |             |                         | X                     |             |             |             |             |             |             | 24020002-008 |             |             |              |                  |              |
| 13     | G206D                                    | WT                                | G         |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       | X             |  |  |               |             |                         | X                     |             |             |             |             |             |             | 24020002-009 |             |             |              |                  |              |
| 14     | G207                                     | WT                                | G         | 2/16/24 | 931  |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | N/A          |             |             |              |                  |              |
| 15     | G208                                     | WT                                | G         |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |  |  |               |             |                         |                       |             |             |             |             |             |             | N/A          |             |             |              |                  |              |
| 16     | G209                                     | WT                                | G         |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       | X             |  |  |               |             |                         | X                     |             |             |             |             |             |             | 24020002-010 |             |             |              |                  |              |

|   |   |                 |               |   |                 |               |                                      |
|---|---|-----------------|---------------|---|-----------------|---------------|--------------------------------------|
| ADDITIONAL COMMENTS<br><b>COF-24Q1 Rev 1</b><br>Ra226/228, only | RELINQUISHED BY / AFFILIATION<br><i>Tracy Carroll</i> | DATE<br>2/16/24 | TIME<br>12:21 | ACCEPTED BY / AFFILIATION<br><i>Smou Ouallo</i> | DATE<br>2/16/24 | TIME<br>12:21 | SAMPLE CONDITIONS<br>Y      N      Z |
|---|---|-----------------|---------------|---|-----------------|---------------|--------------------------------------|

|  |  |  |  |                   |                       |                             |                      |
|--|--|--|--|-------------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE<br><i>Tracy Carroll</i> |  |  |  | Temp in °C<br>5.9 | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER<br><i>Tracy Carroll</i>      |  | SIGNATURE of SAMPLER<br><i>Tracy Carroll</i> |  |                   |                       |                             |                      |

NO G207  
received G206D  
LGS  
PHN 90719  
LH 2/16/24

**CHAIN-OF-CUSTODY / Analytical Request Document**

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|  |  |   |  |  |  |   |  |  |
|--|--|---|--|--|--|---|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  | <b>REGULATORY AGENCY</b>  |  |  |
| Company: <b>Vistra Corp-Coffeeen</b>             |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  | NPDES      GROUND WATER      DRINKING WATER<br>UST      RCRA      OTHER |  |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |   |  |  |
| <b>Coffeeen, IL 62017</b>                        |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  | <b>Site Location</b><br>IL  |  |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Scott Bell- Michael.Bell@vistracorp.com                   |  | Quote Reference                          |  |   |  |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Project Name:   |  | Project Manager:                         |  | <b>STATE:</b><br>IL   |  |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Number: <b>2285</b>                               |  | Profile #:                               |  |   |  |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | MATRIX CODE (see valid codes to enter) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       | Analysis Test<br>Y/N | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             |              | Residual Chlorine (Y/N) | Project No. / Lab I.D. |                  |              |                                   |  |  |              |
|--------|--|-----------------------------------|--|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|----------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------------------|------------------------|------------------|--------------|-----------------------------------|--|--|--------------|
|        |  |                                   |  |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |                      | COF-257-101                       | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 |                         |                        | COF-WPCP-103-104 | COF-WPCP-106 |                                   |  |  |              |
|        |  |                                   |  |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |       |                      |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              | Requested Analysis Filtered (Y/N) |  |  |              |
| 1      | G308                                     | WT                                | G                                      |                             | 2/16/24   | 1004 | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-036 |
| 2      | G310                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-037 |
| 3      | G312                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-038 |
| 4      | G313                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-039 |
| 5      | G314                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-040 |
| 6      | G314D                                    | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-041 |
| 7      | G315                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-042 |
| 8      | G316                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-043 |
| 9      | G401                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-044 |
| 10     | G402                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-045 |
| 11     | G403                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-046 |
| 12     | G404                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-047 |
| 13     | G405                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-048 |
| 14     | G406                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-049 |
| 15     | G407                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-050 |
| 16     | G410                                     | WT                                | G                                      |                             |           |      | 2                         | 2               |               |                                |                  |     |      |   |          |       | X                    |                                   |             |             |             |             |             |             |             |             |             |              |                         |                        |                  |              |                                   |  |  | 24020002-051 |

| ADDITIONAL COMMENTS                      | RELINQUISHED BY / AFFILIATION | DATE    | TIME  | ACCEPTED BY / AFFILIATION | DATE    | TIME  | SAMPLE CONDITIONS |   |  |
|--|-------------------------------|---------|-------|---------------------------|---------|-------|-------------------|---|--|
| <b>COF-24Q1 Rev 1</b><br>Ra226/228, only | <i>Tracy Carvel</i>           | 2/16/24 | 12:21 | <i>Tracy Carvel</i>       | 2/16/24 | 12:21 | Y                 | Z |  |

|                                   |                     |  |  |                         |                       |                             |                      |
|-----------------------------------|---------------------|--|--|-------------------------|-----------------------|-----------------------------|----------------------|
| <b>SAMPLER NAME AND SIGNATURE</b> |                     |  |  | Temp in °C              | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples intact (Y/N) |
| PRINT Name of SAMPLER:            | <i>Tracy Carvel</i> |  |  |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:             | <i>Tracy Carvel</i> |  |  | DATE Signed (MM/DD/YY): | 2/16/24               |                             |                      |

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: **6** of **7**

|  |  |   |  |  |  |
|--|--|---|--|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  |
| Company: <b>Visira Corp-Coffeeen</b>             |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@visiracorp.com</b> |  | Company Name: <b>Visira Corp</b>         |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@visiracorp.com                  |  | Address: <b>see Section A</b>            |  |
| Email To: <b>Brian.Voelker@VisiraCorp.com</b>    |  | Purchase Order No.:                                       |  | Quote Reference                          |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Project Name:   |  | Project Manager:                         |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Number: <b>2285</b>                               |  | Profile #:                               |  |
| <b>REGULATORY AGENCY</b>                         |  |   |  |  |  |
|  |  |   |  | NPDES GROUND WATER DRINKING WATER        |  |
|  |  |   |  | UST RCRA OTHER                           |  |
|  |  |   |  | Site Location                            |  |
|  |  |   |  | STATE: <b>IL</b>                         |  |

| ITEM #              | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | COLLECTED | SAMPLE TYPE (G=GRAB C=COMP) | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |         |      |   |          |                   |                   |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |             |             |              |
|---------------------|--|-----------------------------------|-----------|-----------------------------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|---------|------|---|----------|-------------------|-------------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                     |  |                                   |           |                             |                           |                 | Preservatives                     |                                |                  |         |      |   |          |                   |                   |             |                         |                       |             |             |             |             |             |             |             |             |              |
|                     |  |                                   |           |                             |                           |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl     | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| 1                   | G411                                     | WT                                | G         |                             |                           | 2               |                                   | 2                              |                  |         |      |   |          |                   |                   |             |                         |                       | X           |             |             |             |             |             |             |             | 24020002-052 |
| 2                   | L201                                     | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 |             |                         |                       |             |             |             |             |             |             |             |             | N/A          |
| 3                   | L202                                     | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 |             |                         |                       |             |             |             |             |             |             |             |             | N/A          |
| 4                   | L203                                     | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 |             |                         |                       |             |             |             |             |             |             |             |             | N/A          |
| 5                   | NE Riser                                 | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          | X                 |                   |             |                         | X                     |             |             |             |             |             |             |             |             | N/A          |
| 6                   | R104                                     | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 |             |                         |                       |             |             |             | X           |             |             |             |             | N/A          |
| 7                   | R201                                     | WT                                | G         |                             |                           | 2               |                                   | 2                              |                  |         |      |   |          |                   | X                 | X           |                         |                       | X           |             |             | X           |             |             |             |             | 24020002-053 |
| 8                   | R205                                     | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   |                   |             |                         |                       |             |             |             | X           |             |             |             |             | N/A          |
| 9                   | SG-02                                    | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 | X           |                         |                       | X           | X           |             |             |             |             |             |             | N/A          |
| 10                  | SG-03                                    | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 | X           |                         |                       | X           | X           |             |             |             |             |             |             | N/A          |
| 11                  | T127                                     | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 | X           |                         |                       |             |             |             |             |             |             |             |             | N/A          |
| 12                  | T128                                     | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   |                   | X           |                         |                       |             |             |             |             |             |             |             |             | N/A          |
| 13                  | X201                                     | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 |             |                         |                       |             |             |             | X           |             |             |             |             | N/A          |
| 14                  | XPW01                                    | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 |             |                         |                       | X           |             |             |             |             |             |             |             | N/A          |
| 15                  | XPW02                                    | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 |             |                         |                       | X           |             |             |             |             |             |             |             | N/A          |
| 16                  | XSG-01                                   | WT                                | G         |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   | X                 |             |                         |                       | X           |             |             |             |             |             |             |             | N/A          |
| ADDITIONAL COMMENTS |  | RELINQUISHED BY / AFFILIATION     |           | DATE                        |                           | TIME            |                                   | ACCEPTED BY / AFFILIATION      |                  | DATE    |      | TIME  |          | SAMPLE CONDITIONS |                   |             |                         |                       |             |             |             |             |             |             |             |             |              |
| COF-24Q1 Rev 1      |  | Tracy Carroll                     |           | 2/10/24                     |                           | 12:21           |                                   | Vernice Ball                   |                  | 2/10/24 |      | 12:21   |          | > z               |                   |             |                         |                       |             |             |             |             |             |             |             |             |              |
| Ra226/228, only     |  |                                   |           |                             |                           |                 |                                   |                                |                  |         |      |   |          |                   |                   |             |                         |                       |             |             |             |             |             |             |             |             |              |

|   |  |  |  |  |            |                       |                             |                      |
|---|--|--|--|--|------------|-----------------------|-----------------------------|----------------------|
| <b>SAMPLER NAME AND SIGNATURE</b>           |  |  |  |  | Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER: <i>Tracy Carroll</i> |  |  |  |  |            |                       |                             |                      |
| SIGNATURE of SAMPLER: <i>Tracy Carroll</i>  |  |  |  |  |            |                       |                             |                      |
| DATE Signed (MM/DD/YYYY): <i>2/10/24</i>    |  |  |  |  |            |                       |                             |                      |

24020002

HN03 (96331) added to G152, G153, G270, G275D, G312  
 pmv 90719 DSZ/20

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |  |  |   |  |  |
|--|--|---|--|--|--|---|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  | <b>REGULATORY AGENCY</b>                    |  |  |
| Company: <b>Vistra Corp-Coffee</b>               |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  | NPDES      GROUND WATER      DRINKING WATER |  |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  | UST      RCRA      OTHER                    |  |  |
| Address: <b>Coffee, IL 62017</b>                 |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  | Site Location                               |  |  |
| Email To: <b>Brian.Voelker@vistracorp.com</b>    |  | Scott Bell - Michael.Bell@vistracorp.com                  |  | Quote Reference:                         |  | STATE: <b>IL</b>                            |  |  |
| Purchase Order No.:                              |  | Project Name:   |  | Project Manager:                         |  | Profile #                                   |  |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Project Number: <b>2285</b>                               |  | Requested Due Date/TAT: <b>10 day</b>    |  | Requested Analysis Filtered (Y/N)           |  |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | MATRIX CODE (leave valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       |             |             | Analysis Test | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |             |              |
|--------|--|-----------------------------------|---|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-------------|-------------|---------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        |  |                                   |   |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | NH <sub>2</sub> S <sub>2</sub> O <sub>8</sub> | 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  |
| 1      |  | G122                              | WT                                      | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |               |                         |                       |             |             |             |             |             |             | N/A         |              |
| 2      |  | G123                              | WT                                      | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |               |                         |                       |             |             |             |             |             |             |             | N/A          |
| 3      |  | G124                              | WT                                      | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |               |                         |                       |             |             |             |             |             |             |             | N/A          |
| 4      |  | G125                              | WT                                      | G                           |           |      |                           |                 |               |                                |                  |     |      |   | X        | X     |             |             |               |                         |                       |             |             |             |             |             |             |             | N/A          |
| 5      |  | G126                              | WT                                      | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |       | X           |             |               |                         |                       |             |             |             |             |             |             |             | N/A          |
| 6      |  | G151                              | WT                                      | G                           | 2-19-24   | 0911 |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |               |                         |                       |             |             |             |             | X           |             |             | 24020002-002 |
| 7      |  | G152                              | WT                                      | G                           | 2-19-24   | 1109 |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |               |                         |                       |             |             |             |             | X           |             |             | 24020002-003 |
| 8      |  | G153                              | WT                                      | G                           | 2-19-24   | 1009 |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |               |                         |                       |             |             |             |             | X           |             |             | 24020002-004 |
| 9      |  | G154                              | WT                                      | G                           | 2-19-24   | 0948 |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |               |                         |                       |             |             |             | X           | X           |             |             | 24020002-005 |
| 10     |  | G155                              | WT                                      | G                           |           |      |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |               |                         |                       |             |             |             |             | X           |             |             | 24020002-006 |
| 11     |  | G200                              | WT                                      | G                           |           |      |                           | 2               |               |                                |                  |     |      |   | X        | X     |             |             |               |                         |                       |             |             |             | X           | X           |             |             | 24020002-007 |
| 12     |  | G206                              | WT                                      | G                           |           |      |                           | 2               |               |                                |                  |     |      |   | X        |       |             |             |               |                         |                       |             |             |             | X           | X           |             |             | 24020002-008 |
| 13     |  | G206D                             | WT                                      | G                           |           |      |                           | 2               |               |                                |                  |     |      |   | X        |       |             |             |               |                         |                       |             |             |             | X           |             |             |             | 24020002-009 |
| 14     |  | G207                              | WT                                      | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |               |                         |                       |             |             |             | X           |             |             |             | N/A          |
| 15     |  | G208                              | WT                                      | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |               |                         |                       |             |             |             | X           |             |             |             | N/A          |
| 16     |  | G209                              | WT                                      | G                           |           |      |                           | 2               |               |                                |                  |     |      |   | X        |       |             |             |               |                         |                       |             |             |             | X           | X           |             |             | 24020002-010 |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |   |   |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|---|---|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. GOLF                       | 2-19 | 1640 | Uma Galloway              | 2/19/24 | 1640 | 9.5               | > | = | 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:     | Justin GOLF        |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>[Signature]</i> | DATE Signed (MM/DD/YY): | 2-19-24               |                             |                      |

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|   |  |  |  |  |  |   |  |
|---|--|--|--|--|--|---|--|
| <b>Section A</b><br>Required Client Information:          |  | <b>Section B</b><br>Required Project Information:                                    |  | <b>Section C</b><br>Invoice Information: |  | Page: 3 of 7  |  |
| Company: <b>Vistra Corp-Coffeen</b>                       |  | Report To: <b>Brian Voelker</b>  |  | Attention: <b>Jason Stuckey</b>          |  | <b>REGULATORY AGENCY</b><br>NPDES      GROUND WATER      DRINKING WATER<br>UST      RCRA      OTHER |  |
| Address: <b>134 CIPS Lane</b><br><b>Coffeen, IL 62017</b> |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b>                            |  | Company Name: <b>Vistra Corp</b>         |  |   |  |
| Email To: <b>Brian Voelker@VistraCorp.com</b>             |  | John Romang - John.Romang@vistracorp.com<br>Scott Bell - Michael.Bell@vistracorp.com |  | Address: <b>see Section A</b>            |  | Site Location: <b>IL</b><br>STATE:  |  |
| Phone: <b>(217) 753-8911</b> Fax:                         |  | Purchase Order No.:  |  | Quote Reference:                         |  |   |  |
| Requested Due Date/TAT: <b>10 day</b>                     |  | Project Name:  |  | Project Manager:                         |  |   |  |
|   |  | Project Number: <b>2285</b>  |  | Profile #:                               |  |   |  |

| ITEM # | Section D<br>Required Client Information<br><br><b>SAMPLE ID</b><br>(A-Z, 0-9 / .)<br>Sample IDs MUST BE UNIQUE | Valid Matrix Codes<br>MATRIX CODES<br>DRINKING WATER DW<br>WATER WT<br>WASTE WATER WW<br>PRODUCT P<br>SOL/SOLID SL<br>OR<br>WPE<br>AIR AR<br>OTHER OT<br>ISSUE IS | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |         | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          | Analysis Test<br>Y/N | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |              |                  |              |
|--------|---|---|--|-----------------------------|-----------|---------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|----------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|--------------|------------------|--------------|
|        |   |   |  |                             | DATE      | TIME    |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |                      | Other                             | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 |                         |                       | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |   |   |  |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |                      |                                   | 1           | G210        | WT          | G           |             |             |             |             |             |                         |                       |             |              |                  |              |
| 2      | G211  | WT  | G  |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | N/A                   |             |              |                  |              |
| 3      | G212  | WT  | G  |                             |           |         | 2                         |                 |               | 2                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-011          |             |              |                  |              |
| 4      | G213  | WT  | G  |                             |           |         | 2                         |                 |               | 2                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-012          |             |              |                  |              |
| 5      | G214  | WT  | G  |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | N/A                   |             |              |                  |              |
| 6      | G215  | WT  | G  |                             |           |         | 2                         |                 |               | 2                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-013          |             |              |                  |              |
| 7      | G216  | WT  | G  |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | N/A                   |             |              |                  |              |
| 8      | G217  | WT  | G  |                             |           |         | 2                         |                 |               |                                |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-014          |             |              |                  |              |
| 9      | G218  | WT  | G  |                             |           |         | 2                         |                 |               | 2                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-015          |             |              |                  |              |
| 10     | G270  | WT  | G  |                             |           | 2-19-24 | 1156                      | 2               |               | 2                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-016          |             |              |                  |              |
| 11     | G271  | WT  | G  |                             |           | 2-19-24 | 1260                      | 2               |               | 2                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-017          |             |              |                  |              |
| 12     | G272  | WT  | G  |                             |           | 2-19-24 | 1251                      |                 |               |                                |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | N/A                   |             |              |                  |              |
| 13     | G273  | WT  | G  |                             |           | 2-19-24 | 1318                      | 2               |               | 2                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-018          |             |              |                  |              |
| 14     | G274  | WT  | G  |                             |           | 2-19-24 | 1345                      |                 |               |                                |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | N/A                   |             |              |                  |              |
| 15     | G275  | WT  | G  |                             |           | 2-19-24 | 1421                      | 2               |               | 2                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-019          |             |              |                  |              |
| 16     | G275D   | WT  | G  |                             |           | 2-19-24 | 1405                      | 2               |               | 2                              |                  |     |      |   |          |                      |                                   |             |             |             |             |             |             |             |             |             |                         | 24020002-020          |             |              |                  |              |

| ADDITIONAL COMMENTS                      | RELINQUISHED BY / AFFILIATION | DATE        | TIME        | ACCEPTED BY / AFFILIATION | DATE           | TIME        | SAMPLE CONDITIONS |   |
|--|-------------------------------|-------------|-------------|---------------------------|----------------|-------------|-------------------|---|
| <b>COF-24Q1 Rev 1</b><br>Ra226/228, only | <i>J. Colp</i>                | <b>2-19</b> | <b>1640</b> | <i>Justin Colp</i>        | <b>2/19/24</b> | <b>1405</b> | Y                 | Z |

*G271 bottles are labeled G272*  
*G272 bottles are labeled G271*  
*Brett filled the wrong bottles*

|                                   |                         |                |                       |                             |                      |
|-----------------------------------|-------------------------|----------------|-----------------------|-----------------------------|----------------------|
| <b>SAMPLER NAME AND SIGNATURE</b> |                         | Temp in °C     | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER:            | <i>Justin Colp</i>      |                |                       |                             |                      |
| SIGNATURE of SAMPLER:             | <i>[Signature]</i>      |                |                       |                             |                      |
|                                   | DATE Signed (MM/DD/YY): | <b>2-19-24</b> |                       |                             |                      |

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |  |  |
|--|--|---|--|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  |
| Company: <b>Vistra Corp-Coffeeen</b>             |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |
| Coffeeen, IL 62017                               |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Purchase Order No.:                                       |  | Quote Reference:                         |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Project Name:   |  | Project Manager:                         |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Number: <b>2285</b>                               |  | Profile #:                               |  |
|  |  |   |  | <b>REGULATORY AGENCY</b>                 |  |
|  |  |   |  | NPDES <b>GROUND WATER</b> DRINKING WATER |  |
|  |  |   |  | UST      RCRA      OTHER                 |  |
|  |  |   |  | <b>Site Location</b>                     |  |
|  |  |   |  | STATE: <b>IL</b>                         |  |

| ITEM #                                | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | COLLECTED | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |     |      |   |          |       |               |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |              |
|---------------------------------------|--|-----------------------------------|-----------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                                       |  |                                   |           |                           |                 | Preservatives                     |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             |             |             |              |
|                                       |  |                                   |           |                           |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP)              | DATE                              | TIME      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             |             |             |             |              |
| 1                                     |  | G276                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   |          | X     |               |             |             |                         |                       | X           |             | X           |             |             |             | 24020002-021 |
| 2                                     |  | G277                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             |             |                         |                       | X           |             | X           |             |             |             | 24020002-022 |
| 3                                     |  | G278                              | WT G      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |             |                         |                       |             |             |             | X           |             |             | N/A          |
| 4                                     |  | G279                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             |             |                         |                       | X           | X           | X           |             |             |             | 24020002-023 |
| 5                                     |  | G280                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        | X     |               |             |             | X                       |                       | X           | X           | X           |             |             |             | 24020002-024 |
| 6                                     |  | G281                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        | X     |               |             |             | X                       |                       | X           |             |             |             |             |             | 24020002-025 |
| 7                                     |  | G283                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             |             |                         | X                     |             |             |             |             |             |             | 24020002-026 |
| 8                                     |  | G284                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             |             |                         | X                     |             |             |             |             |             |             | 24020002-027 |
| 9                                     |  | G285                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             |             |                         | X                     |             |             |             |             |             |             | 24020002-028 |
| 10                                    |  | G301                              | WT G      | 2/19/24                   | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             | X           |                         |                       |             |             |             |             |             |             | 24020002-029 |
| 11                                    |  | G302                              | WT G      | 2/19/24                   | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             | X           |                         |                       |             |             |             |             |             |             | 24020002-030 |
| 12                                    |  | G303                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             | X           |                         |                       |             |             |             |             |             |             | 24020002-031 |
| 13                                    |  | G305                              | WT G      | 2/19/24                   | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             | X           |                         |                       |             |             |             |             |             |             | 24020002-032 |
| 14                                    |  | G306                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             | X           |                         |                       |             |             |             |             |             |             | 24020002-033 |
| 15                                    |  | G307                              | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             | X           |                         |                       |             |             |             |             |             |             | 24020002-034 |
| 16                                    |  | G307D                             | WT G      |                           | 2               |                                   | 2                              |                  |     |      |   | X        |       |               |             | X           |                         |                       |             |             |             |             |             |             | 24020002-035 |

|  |  |                               |  |      |  |      |  |                           |  |            |                       |                             |                      |                                   |  |  |
|--|--|-------------------------------|--|------|--|------|--|---------------------------|--|------------|-----------------------|-----------------------------|----------------------|-----------------------------------|--|--|
| ADDITIONAL COMMENTS                      |  | RELINQUISHED BY / AFFILIATION |  | DATE |  | TIME |  | ACCEPTED BY / AFFILIATION |  | DATE       |                       | TIME                        |                      | SAMPLE CONDITIONS                 |  |  |
| COF-24Q1 Rev 1<br>Ra226/228, only        |  | J. Colp                       |  | 2-19 |  | 1640 |  | Justin Colp               |  | 2/19/24    |                       | 1640                        |                      | > 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 Colp       |  |                               |  |      |  |      |  |                           |  |            |                       |                             |                      |                                   |  |  |
| SIGNATURE of SAMPLER: <i>Justin Colp</i> |  |                               |  |      |  |      |  |                           |  |            |                       |                             |                      | DATE Signed (MM/DD/YYYY): 2-19-24 |  |  |



24020002

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|   |  |   |   |  |  |                            |
|---|--|---|---|--|--|----------------------------|
| <b>Section A</b><br>Required Client Information<br>Company: <b>Vistra Corp-Coffeen</b><br>Address: <b>134 CIPS Lane</b><br>Coffeen, IL 62017<br>Email To: <b>Brian.Voelker@VistraCorp.com</b><br>Phone: <b>(217) 753-8911</b> Fax: _____<br>Requested Due Date/TAT: <b>10 day</b> |  | <b>Section B</b><br>Required Project Information:<br>Report To: <b>Brian Voelker</b><br>Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b><br>John Romang - John.Romang@vistracorp.com<br>Scott Bell- Michael.Bell@vistracorp.com<br>Purchase Order No.: _____<br>Project Name: _____<br>Project Number: <b>2285</b> |   | <b>Section C</b><br>Invoice Information:<br>Attention: <b>Jason Stuckey</b><br>Company Name: <b>Vistra Corp</b><br>Address: <b>see Section A</b><br>Quote Reference: _____<br>Project Manager: _____<br>Profile #: _____ |  | Page: <b>5</b> of <b>7</b> |
| Regulatory Agency: _____  |  |   | NPDES      GROUND WATER      DRINKING WATER<br>UST          RCRA                  OTHER<br>Site Location: _____<br>STATE: _____ |  |  |                            |
| REGULATORY AGENCY: _____  |  |   |   |  |  |                            |
| Requested Analysis Filtered (Y/N)   |  |   |   |  |  |                            |

| ITEM #                            | Section D<br>Required Client Information<br><br>SAMPLE ID<br>(A-Z 0-9 / . - )<br>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) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |              |                  |              |  |  |  |  |              |              |
|-----------------------------------|--|---|---|---------------------------------------|-----------------------------|---------------------------|------|---------------------------|-----------------|-------------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|--------------|------------------|--------------|--|--|--|--|--------------|--------------|
|                                   |  | MATRIX CODE   | CODE  |                                       |                             | DATE                      | TIME |                           |                 | Unpreserved       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other |               | COF-257-101                       | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 |                         |                       | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |  |  |  |  |              |              |
|                                   |  | DRINKING WATER<br>WATER<br>WASTE WATER<br>PRODUCT<br>SOL/SOLID<br>SL<br>OL<br>WP<br>AR<br>OT<br>TS/SL | WT<br>WT<br>WW<br>P<br>SL<br>OL<br>WP<br>AR<br>OT<br>TS |                                       |                             |                           |      |                           |                 |                   |                                |                  |     |      |   |          |       |               |                                   |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  |              |              |
| 1                                 | G308   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   | X        |       |               |                                   |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  |              | 24020002-036 |
| 2                                 | G310   | WT  | G   |                                       |                             | 2/19/24                   | 1124 | 2                         | 2               |                   |                                |                  |     |      |   | X        |       |               |                                   |             | X           |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-037 |              |
| 3                                 | G312   | WT  | G   |                                       |                             | 2/19/24                   | 1411 | 2                         | 2               |                   |                                |                  |     |      |   | X        |       |               |                                   |             | X           |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-038 |              |
| 4                                 | G313   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   | X        |       |               |                                   |             | X           |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-039 |              |
| 5                                 | G314   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   | X        |       |               |                                   |             | X           |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-040 |              |
| 6                                 | G314D  | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   | X        |       |               |                                   |             | X           |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-041 |              |
| 7                                 | G315   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   | X        |       |               |                                   |             | X           |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-042 |              |
| 8                                 | G316   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   | X        |       |               |                                   |             | X           |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-043 |              |
| 9                                 | G401   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   |          | X     |               |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-044 |              |
| 10                                | G402   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   |          | X     |               |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-045 |              |
| 11                                | G403   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   |          | X     |               |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-046 |              |
| 12                                | G404   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   |          | X     |               |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-047 |              |
| 13                                | G405   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   |          | X     |               |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-048 |              |
| 14                                | G406   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   |          | X     |               |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-049 |              |
| 15                                | G407   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   |          | X     |               |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-050 |              |
| 16                                | G410   | WT  | G   |                                       |                             |                           |      | 2                         | 2               |                   |                                |                  |     |      |   |          | X     |               |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  | 24020002-051 |              |
| ADDITIONAL COMMENTS               |  | RELINQUISHED BY / AFFILIATION   |   | DATE                                  | TIME                        | ACCEPTED BY / AFFILIATION |      | DATE                      | TIME            | SAMPLE CONDITIONS |                                |                  |     |      |   |          |       |               |                                   |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  |              |              |
| COF-24Q1 Rev 1<br>Ra226/228, only |  | J. Colp   |   | 2-19                                  | 1640                        | Justin Colp               |      | 2/19/24                   | 1640            | y                 |                                |                  | z   |      |   |          |       |               |                                   |             |             |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |  |  |  |              |              |

|   |                       |  |                      |
|---|-----------------------|--|----------------------|
| SAMPLER NAME AND SIGNATURE                |                       |  |                      |
| PRINT Name of SAMPLER: <b>Justin Colp</b> |                       | DATE Signed (MM/DD/YY): <b>2-19-24</b> |                      |
| SIGNATURE of SAMPLER:                     |                       |  |                      |
| Temp in °C                                | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N)            | Samples Intact (Y/N) |

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |  |  |   |  |    |  |
|--|--|---|--|--|--|---|--|----|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  | <b>REGULATORY AGENCY</b>  |  |    |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  | NPDES    GROUND WATER    DRINKING WATER<br>UST    RCRA    OTHER |  |    |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |   |  |    |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  | Site Location:  |  | IL |  |
| Email To: <b>Brian Voelker@VistraCorp.com</b>    |  | Scott Bell: Michael.Bell@vistracorp.com                   |  | Quote Reference:                         |  |   |  |    |  |
| Phone: <b>(217) 753-8911</b> Fax:                |  | Purchase Order No.:                                       |  | Project Manager:                         |  | STATE:  |  |    |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Name:   |  | Profile #:                               |  |   |  |    |  |
|  |  | Project Number: <b>2285</b>                               |  |  |  |   |  |    |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | COLLECTED | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |     |      |   |          |       |               |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |             |              |
|--------|--|-----------------------------------|-----------|---------|------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|-----|------|---|----------|-------|---------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        |  |                                   |           |         |      |                           |                 | Preservatives                     |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             |              |
|        |  |                                   |           |         |      |                           |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| 1      | G411                                     | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             | 24020002-052 |
| 2      | L201                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   | X        |       |               |             |                         |                       |             |             |             |             |             |             |             | N/A          |
| 3      | L202                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   | X        |       |               |             |                         |                       |             |             |             |             |             |             |             | N/A          |
| 4      | L203                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   | X        |       |               |             |                         |                       |             |             |             |             |             |             |             | N/A          |
| 5      | NE Riser                                 | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               | X           |                         |                       |             |             |             |             |             |             |             | N/A          |
| 6      | R104                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             | N/A          |
| 7      | R201                                     | WT G                              |           |         |      |                           | 2               |                                   |                                |                  |     |      |   |          |       |               |             | X                       |                       |             |             |             |             |             |             |             | 24020002-053 |
| 8      | R205                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             | N/A          |
| 9      | SG-02                                    | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   | X        | X     |               |             | X                       | X                     |             |             |             |             |             |             |             | N/A          |
| 10     | SG-03                                    | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   | X        | X     |               |             | X                       | X                     |             |             |             |             |             |             |             | N/A          |
| 11     | T127                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   | X        | X     |               |             |                         |                       |             |             |             |             |             |             |             | N/A          |
| 12     | T128                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   | X        |       |               |             |                         |                       |             |             |             |             |             |             |             | N/A          |
| 13     | X201                                     | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   |          |       |               |             |                         |                       |             |             |             |             |             |             |             | N/A          |
| 14     | XPW01                                    | WT G                              |           | 2/19/24 | 1048 |                           |                 |                                   |                                |                  |     |      |   | X        |       |               |             | X                       |                       |             |             |             |             |             |             |             | N/A          |
| 15     | XPW02                                    | WT G                              |           | 2/19/24 |      |                           |                 |                                   |                                |                  |     |      |   | X        |       |               |             | X                       |                       |             |             |             |             |             |             |             | N/A          |
| 16     | XSG-01                                   | WT G                              |           |         |      |                           |                 |                                   |                                |                  |     |      |   | X        |       |               |             | X                       |                       |             |             |             |             |             |             |             | N/A          |

|                                    |  |                               |  |      |      |                           |  |         |      |                   |                       |                             |                      |
|------------------------------------|--|-------------------------------|--|------|------|---------------------------|--|---------|------|-------------------|-----------------------|-----------------------------|----------------------|
| ADDITIONAL COMMENTS                |  | RELINQUISHED BY / AFFILIATION |  | DATE | TIME | ACCEPTED BY / AFFILIATION |  | DATE    | TIME | SAMPLE CONDITIONS |                       |                             |                      |
| COF-24Q1 Rev 1<br>Ra226/228, only  |  | J. Cole                       |  | 2-19 | 1640 | D. M. [Signature]         |  | 2/19/24 | 1140 | >                 | =                     |                             |                      |
| SAMPLER NAME AND SIGNATURE         |  |                               |  |      |      |                           |  |         |      | Temp in °C        | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER: Justin Cole |  |                               |  |      |      |                           |  |         |      |                   |                       |                             |                      |
| SIGNATURE of SAMPLER: [Signature]  |  |                               |  |      |      |                           |  |         |      |                   |                       |                             |                      |

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>Section A</b><br>Required Client Information:   |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information:    |  |
| Company: <b>Vistra Corp-Coffeeen</b>   |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>             |  |
| Address: <b>134 CIPS Lane</b>  |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>            |  |
| Coffeen, IL 62017  |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>               |  |
| Email To: <a href="mailto:brian.voelker@vistracorp.com">brian.voelker@vistracorp.com</a> |  | Purchase Order No.:                                       |  | Quote Reference:                            |  |
| Phone: <b>(217) 753-8911</b> Fax:  |  | Project Name:   |  | Project Manager:                            |  |
| Requested Due Date/TAT: <b>10 day</b>  |  | Project Number: <b>2285</b>                               |  | Profile #:                                  |  |
|  |  |   |  | <b>REGULATORY AGENCY</b>                    |  |
|  |  |   |  | NPDES      GROUND WATER      DRINKING WATER |  |
|  |  |   |  | UST      RCRA      OTHER                    |  |
|  |  |   |  | <b>Site Location</b>                        |  |
|  |  |   |  | STATE: <b>IL</b>                            |  |

| ITEM # | Section D<br>Required Client Information<br><br><b>SAMPLE ID</b><br>(A-Z, 0-9 / -)<br>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<br>↓ Y/N | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |              |                  |
|--------|---|--------------------|------|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|------------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|--------------|------------------|
|        |   | MATRIX CODE        | CODE |                                       |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |                        | Other                             | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 |                         |                       | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 |
| 1      | Field Blank   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          |                        | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                     | X           |              | 24020002-054     |
| 2      | G102 Duplicate  | WT                 | G    |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                        |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              | N/A              |
| 3      | G200 Duplicate  | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          |                        |                                   |             | X           | X           |             |             |             |             |             |             |                         |                       |             |              | 24020002-055     |
| 4      | G273 Duplicate  | WT                 | G    |                                       |                             | 7-19-24   | 1318 |                           | 2               |               |                                |                  |     |      |   |          |                        |                                   |             |             | X           |             |             |             |             |             |             |                         |                       |             |              | 24020002-056     |
| 5      | G301 Duplicate  | WT                 | G    |                                       |                             | 2/19/24   | 1204 |                           | 2               |               |                                |                  |     |      |   |          |                        | X                                 |             |             |             |             |             |             |             |             |             |                         |                       |             |              | 24020002-057     |
| 6      | R201 Duplicate  | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          |                        |                                   | X           | X           |             |             |             |             |             |             |             |                         |                       |             |              | 24020002-058     |
| 7      | Equipment Blank 1   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          |                        | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                     | X           |              | 24020002-059     |
| 8      | Equipment Blank 2   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          |                        | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                     | X           |              | 24020002-060     |
| 9      | Equipment Blank 3   | WT                 | G    |                                       |                             |           |      |                           | 2               |               |                                |                  |     |      |   |          |                        | X                                 | X           | X           | X           | X           | X           | X           | X           | X           | X           | X                       | X                     | X           |              | 24020002-061     |
| 10     |   |                    |      |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                        |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |
| 11     |   |                    |      |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                        |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |
| 12     |   |                    |      |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                        |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |
| 13     |   |                    |      |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                        |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |
| 14     |   |                    |      |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                        |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |
| 15     |   |                    |      |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                        |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |
| 16     |   |                    |      |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                        |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |   |  |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|---|--|
|                                   |                               |      |      |                           |         |      | Y                 | N |   |  |
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Colp                       | 2-19 | 1640 | Justin Colp               | 2/19/24 | 1640 |                   | Y | N |  |

|   |  |  |             |                       |                             |                      |
|---|--|--|-------------|-----------------------|-----------------------------|----------------------|
| <b>SAMPLER NAME AND SIGNATURE</b>         |  |  | Temp. In °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER: <b>Justin Colp</b> |  |  |             |                       |                             |                      |
| SIGNATURE of SAMPLER: <i>[Signature]</i>  | DATE Signed (MM/DD/YY): <b>2-19-24</b> |  |             |                       |                             |                      |



24020002

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: 5 of 7

Form containing company details (Company: Vistra Corp-Coffeen), project information (Report To: Brian Voelker), and invoice information (Attention: Jason Stuckey). Includes a table for REGULATORY AGENCY (NPDES, GROUND WATER, DRINKING WATER) and Site Location (STATE: IL).

Main data table with columns: ITEM #, SAMPLE ID, DATE, TIME, SAMPLE TYPE, MATRIX CODE, Valid Matrix Codes, COLLECTED (DATE, TIME), # OF CONTAINERS, Preservatives (Unpreserved, H2SO4, HNO3, HCl, NaOH, Na2S2O3, Methanol, Other), Analysis Test (COF-257-101 to COF-WPCP-106), Residual Chlorine (Y/N), and Project No./ Lab I.D.

Summary section with fields: ADDITIONAL COMMENTS (COF-24Q1 Rev 1), RELINQUISHED BY / AFFILIATION (J. Colp), DATE / TIME (2-20 / 1635), ACCEPTED BY / AFFILIATION (Nick Reed), DATE / TIME (2/20/24 1635), and SAMPLE CONDITIONS (Y/N).

SAMPLER NAME AND SIGNATURE section, including fields for PRINT Name of SAMPLER, SIGNATURE of SAMPLER, DATE Signed (MM/DD/YY: 2-20-24), and checkboxes for Temp in °C, Received on Ice (Y/N), Custody Sealed Cooler (Y/N), and Samples Intact (Y/N).

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |   |  |  |  |  |  |  |
|--|--|---|--|--|--|--|--|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:                                   |  | <b>Section C</b><br>Invoice Information: |  | Page: 6 of 7   |  |  |
| Company: Vistra Corp-Coffeen                     |  | Report To: Brian Voelker  |  | Attention: Jason Stuckey                 |  | REGULATORY AGENCY<br>NPDES    GROUND WATER    DRINKING WATER<br>UST    RCRA    OTHER |  |  |
| Address: 134 CIPS Lane<br>Coffeen, IL 62017      |  | Copy To: Sam Davies-samantha.davies@vistracorp.com                                  |  | Company Name: Vistra Corp                |  |  |  |  |
| Email To: Brian.Voelker@VistraCorp.com           |  | John Romang - John.Romang@vistracorp.com<br>Scott Bell: Michael Bell@vistracorp.com |  | Address: see Section A                   |  | Requested Analysis Filtered (Y/N)  |  |  |
| Phone: (217) 753-8911    Fax:                    |  | Purchase Order No.:   |  | Quote Reference:                         |  | Residual Chlorine (Y/N)  |  |  |
| Requested Due Date/TAT: 10 day                   |  | Project Name:   |  | Project Manager:                         |  | Project No./ Lab I.D.  |  |  |
|  |  | Project Number: 2285  |  | Profile #:                               |  |  |  |  |

| ITEM # | Section D<br>Required Client Information<br><br><b>SAMPLE ID</b><br>(A-Z, 0-9, /)<br>Sample IDs MUST BE UNIQUE | Valid Matrix Codes<br>MATRIX CODE<br>DRINKING WATER CW<br>WATER WT<br>WASTE WATER VW<br>PRODUCT P<br>SOL/GOLD SL<br>OIL OL<br>WPE WP<br>AIR AR<br>OTHER OT<br>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) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |              |                  |              |   |   |   |   |   |   |              |              |
|--------|--|---|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-----------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|--------------|------------------|--------------|---|---|---|---|---|---|--------------|--------------|
|        |  |   |                                       |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |                 | Other                             | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 |                         |                       | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |   |   |   |   |   |   |              |              |
|        |  |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              | Y | N | Y | N | Y | N | Y            | N            |
| 1      | * G411   |   | WT                                    | G                           | 7-20-24   | 1213 |                           | 2               |               |                                |                  |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             | X           |                         |                       |             |              |                  |              |   |   |   |   |   |   |              | 24020002-052 |
| 2      | L201   |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 3      | L202   |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 4      | L203   |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      | X   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 5      | NE Riser   |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |                 |                                   |             |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 6      | R104   |   | WT                                    | G                           |           | 1405 |                           |                 |               |                                |                  |     |      |   | X        |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 7      | * R201 *   |   | WT                                    | G                           | 7-20-24   | 1258 |                           | 2               |               |                                |                  |     |      | X   |          |                 |                                   |             |             |             | X           |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | 24020002-053 |              |
| 8      | R205   |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 9      | SG-02  |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      | X   | X        |                 |                                   |             |             |             | X           | X           |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 10     | SG-03  |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      | X   | X        |                 |                                   |             |             |             | X           | X           |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 11     | T127   |   | WT                                    | G                           | 7-20-24   | 1258 |                           |                 |               |                                |                  |     |      |   |          | X               | X                                 |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 12     | T128   |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |                 |                                   |             |             |             |             | X           |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 13     | X201   |   | WT                                    | G                           | 7-20-24   | 0847 |                           |                 |               |                                |                  |     |      |   | X        |                 |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 14     | XPW01  |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |                 |                                   |             |             |             |             | X           |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 15     | XPW02  |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |                 |                                   |             |             |             |             | X           |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |
| 16     | XSG-01   |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      |   |          |                 |                                   |             |             |             |             | X           |             |             |             |             |                         |                       |             |              |                  |              |   |   |   |   |   |   | N/A          |              |

|                     |                               |      |      |                           |         |      |                   |   |  |  |  |
|---------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|--|--|--|
| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |  |  |  |
| COF-24Q1 Rev 1      | J. Colp                       | 7-20 | 1635 | Justin Colp               | 7/20/24 | 1635 | >                 | z |  |  |  |
| Ra226/228, only     |                               |      |      |                           |         |      |                   |   |  |  |  |

\* R201 - Filter in lab JC

|                            |                       |            |                       |                             |                      |
|----------------------------|-----------------------|------------|-----------------------|-----------------------------|----------------------|
| 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: |            |                       |                             |                      |
| Justin Colp                | [Signature]           |            |                       |                             |                      |
| DATE Signed (MM/DD/YY):    |                       |            |                       |                             |                      |
| 7-20-24                    |                       |            |                       |                             |                      |

24020002

**CHAIN-OF-CUSTODY / Analytical Request Document**

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|  |  |  |  |  |  |                          |  |    |
|--|--|--|--|--|--|--------------------------|--|----|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:  |  | <b>Section C</b><br>Invoice Information: |  | <b>REGULATORY AGENCY</b> |  |    |
| Company: Vistra Corp-Coffee                      |  | Report To: Brian Voelker                           |  | Attention: Jason Stuckey                 |  | NPDES                    |  |    |
| Address: 134 CiPS Lane                           |  | Copy To: Sam Davies-samantha.davies@vistracorp.com |  | Company Name: Vistra Corp                |  | GROUND WATER             |  |    |
| Coffee, IL 62017                                 |  | John Romang - John.Romang@vistracorp.com           |  | Address: see Section A                   |  | DRINKING WATER           |  |    |
| Email To: Brian.Voelker@VistraCorp.com           |  | Purchase Order No.:                                |  | Quote Reference:                         |  | UST                      |  |    |
| Phone: (217) 753-8911                            |  | Project Name:                                      |  | Project Manager                          |  | RCRA                     |  |    |
| Requested Due Date/TAT: 10 day                   |  | Project Number: 2285                               |  | Profile #:                               |  | OTHER                    |  |    |
|  |  |  |  |  |  | Site Location            |  | IL |
|  |  |  |  |  |  | STATE:                   |  |    |

| ITEM # | Section D<br>Required Client Information<br><br>SAMPLE ID<br>(A-Z, 0-9 / -)<br>Sample IDs MUST BE UNIQUE | Valid Matrix Codes<br>MATRIX CODE | COLLECTED | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          |       |             |             |             | Analysis Test | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |              |                  |              | Residual Chlorine (Y/N) | Project No./ Lab I.D. |    |   |    |   |    |              |              |
|--------|--|-----------------------------------|-----------|---------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-------------|-------------|-------------|---------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|--------------|-------------------------|-----------------------|----|---|----|---|----|--------------|--------------|
|        |  |                                   |           |         |      |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other | COF-257-101 | COF-257-102 | COF-257-103 |               | COF-257-104                       | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |                         |                       |    |   |    |   |    |              |              |
|        |  |                                   |           |         |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |             |               |                                   |             |             |             |             |             |             |              |                  |              |                         |                       | WT | G | WT | G | WT | G            | WT           |
| 1      | Field Blank  | WT                                | G         |         |      |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |             | X             | X                                 | X           | X           | X           | X           | X           | X           | X            | X                | X            | X                       | X                     | X  | X | X  | X | X  | X            | 24020002-054 |
| 2      | G102 Duplicate   | WT                                | G         |         |      |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |             |               |                                   |             |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    | N/A          |              |
| 3      | G200 Duplicate   | WT                                | G         |         |      |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |             |               | X                                 |             | X           |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    | 24020002-055 |              |
| 4      | G273 Duplicate   | WT                                | G         |         |      |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |             |               |                                   | X           |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    | 24020002-056 |              |
| 5      | G301 Duplicate   | WT                                | G         |         |      |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |             | X             |                                   |             |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    | 24020002-057 |              |
| 6      | * R201 Duplicate   | WT                                | G         | 2-20-24 | 1405 |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |             |               | X                                 |             |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    | 24020002-058 |              |
| 7      | Equipment Blank 1  | WT                                | G         |         |      |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |             | X             | X                                 | X           | X           | X           | X           | X           | X           | X            | X                | X            | X                       | X                     | X  | X | X  | X | X  | 24020002-059 |              |
| 8      | Equipment Blank 2  | WT                                | G         |         |      |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |             | X             | X                                 | X           | X           | X           | X           | X           | X           | X            | X                | X            | X                       | X                     | X  | X | X  | X | X  | 24020002-060 |              |
| 9      | Equipment Blank 3  | WT                                | G         |         |      |                           | 2               |               |                                |                  |     |      |   |          |       |             |             |             | X             | X                                 | X           | X           | X           | X           | X           | X           | X            | X                | X            | X                       | X                     | X  | X | X  | X | X  | 24020002-061 |              |
| 10     |  |                                   |           |         |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |             |               |                                   |             |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    |              |              |
| 11     |  |                                   |           |         |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |             |               |                                   |             |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    |              |              |
| 12     |  |                                   |           |         |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |             |               |                                   |             |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    |              |              |
| 13     |  |                                   |           |         |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |             |               |                                   |             |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    |              |              |
| 14     |  |                                   |           |         |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |             |               |                                   |             |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    |              |              |
| 15     |  |                                   |           |         |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |             |               |                                   |             |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    |              |              |
| 16     |  |                                   |           |         |      |                           |                 |               |                                |                  |     |      |   |          |       |             |             |             |               |                                   |             |             |             |             |             |             |              |                  |              |                         |                       |    |   |    |   |    |              |              |

|                                   |                               |      |      |                           |         |      |                   |   |  |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|--|
| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |  |
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Colp                       | 2-20 | 1635 | Justin Colp               | 2/20/24 | 1635 | 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 Colp |  |  |  |            |                       |                             |                      |
| SIGNATURE of SAMPLER: [Signature]  |  |  |  |            |                       |                             |                      |
| DATE Signed (MM/DD/YY): 2-20-24    |  |  |  |            |                       |                             |                      |

24020002

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|  |  |  |  |   |  |
|--|--|--|--|---|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:  |  | <b>Section C</b><br>Invoice Information:    |  |
| Company: Vistra Corp-Coffeen                     |  | Report To: Brian Voelker                           |  | Attention: Jason Stuckey                    |  |
| Address: 134 CIPS Lane                           |  | Copy To: Sam Davies-samantha.davies@vistracorp.com |  | Company Name: Vistra Corp                   |  |
| Coffeen, IL 62017                                |  | John Romang - John.Romang@vistracorp.com           |  | Address: see Section A                      |  |
| Email To: Brian.Voelker@VistraCorp.com           |  | Purchase Order No.:                                |  | Quote Reference:                            |  |
| Phone: (217) 753-8911                            |  | Project Name:                                      |  | Project Manager:                            |  |
| Requested Due Date/TAT: 10 day                   |  | Project Number: 2285                               |  | Profile #:                                  |  |
|  |  |  |  | <b>REGULATORY AGENCY</b>                    |  |
|  |  |  |  | NPDES      GROUND WATER      DRINKING WATER |  |
|  |  |  |  | UST      RCRA      OTHER                    |  |
|  |  |  |  | Site Location                               |  |
|  |  |  |  | STATE: IL                                   |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | COLLECTED | DATE    | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives                         |                             |               |                                |                  |     |      |   |          |       | Requested Analysis Filtered (Y/N) |             |               |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |              |                  |              |  |              |
|--------|--|-----------------------------------|-----------|---------|------|---------------------------|-----------------|---------------------------------------|-----------------------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|-----------------------------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|--------------|------------------|--------------|--|--------------|
|        |  |                                   |           |         |      |                           |                 | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | Analysis Test |                                |                  |     |      |   |          |       |                                   |             | Analysis Test |             |             |             |             |             |             |             |                         |                       |              |                  |              |  |              |
|        |  |                                   |           |         |      |                           |                 |                                       |                             | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol | Other | COF-257-101                       | COF-257-102 | COF-257-103   | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 | COF-845-104 |                         |                       | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |  |              |
| 1      | AP2D                                     | WT                                | G         | 2-21-24 | 1454 |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 2      | G1001                                    | WT                                | G         |         |      |                           | 2               |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | 24020002-001 |
| 3      | G1003                                    | WT                                | G         | 2-21-24 | DRY  |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 4      | G101                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 5      | G102                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 6      | G103                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 7      | G105                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 8      | G106                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 9      | G107                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 10     | G108                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 11     | G109                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 12     | G110                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 13     | G111                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 14     | G119                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 15     | G120                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |
| 16     | G121                                     | WT                                | G         |         |      |                           |                 |                                       |                             |               |                                |                  |     |      |   |          |       |                                   |             |               |             |             |             |             |             |             |             |                         |                       |              |                  |              |  | N/A          |

|                                   |  |                               |  |      |      |                           |  |         |       |                   |   |   |   |
|-----------------------------------|--|-------------------------------|--|------|------|---------------------------|--|---------|-------|-------------------|---|---|---|
| ADDITIONAL COMMENTS               |  | RELINQUISHED BY / AFFILIATION |  | DATE | TIME | ACCEPTED BY / AFFILIATION |  | DATE    | TIME  | SAMPLE CONDITIONS |   |   |   |
| COF-24Q1 Rev 1<br>Ra226/228, only |  | J. Colp                       |  | 2-21 | 1635 | Justin Colp               |  | 2/21/24 | 11035 | 103               | > | = | 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:     | Justin Colp        |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>Justin Colp</i> | DATE Signed (MM/DD/YY): | 2-21-24               |                             |                      |

ph ✓ 90719 added HNO3 (96331)  
to all ES 2/21/24



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| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  | Page: 2 of 7                            |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  | <b>REGULATORY AGENCY</b>                |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |   |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@vistracorp.com                  |  | Address: <b>see Section A</b>            |  | NPDES    GROUND WATER    DRINKING WATER |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Scott Bell-Michael.Bell@vistracorp.com                    |  | Quote Reference:                         |  | UST    RCRA    OTHER                    |  |
| Phone: (217) 753-8911    Fax:                    |  | Purchase Order No.:                                       |  | Project Manager:                         |  | Site Location                           |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Name:   |  | Project #:                               |  | STATE: IL                               |  |
|  |  | Project Number: <b>2285</b>                               |  |  |  |   |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | MATRIX CODE (See valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |         | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |     |      |   |          |       |                 |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |              |
|--------|--|-----------------------------------|---------------------------------------|-----------------------------|-----------|---------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|-----|------|---|----------|-------|-----------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        |  |                                   |                                       |                             | DATE      | TIME    |                           |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| 1      |  | G122                              | WT                                    | G                           |           |         |                           |                 |                                   |                                |                  |     |      |   |          |       | X               |             |             |                         |                       |             |             |             |             |             | N/A          |
| 2      |  | G123                              | WT                                    | G                           |           |         |                           |                 |                                   |                                |                  |     |      |   |          |       | X               |             |             |                         |                       |             |             |             |             |             | N/A          |
| 3      |  | G124                              | WT                                    | G                           |           |         |                           |                 |                                   |                                |                  |     |      |   |          |       | X               |             |             |                         |                       |             |             |             |             |             | N/A          |
| 4      |  | G125                              | WT                                    | G                           |           |         |                           |                 |                                   |                                |                  |     |      |   |          |       | X               | X           |             |                         |                       |             |             |             |             |             | N/A          |
| 5      |  | G126                              | WT                                    | G                           |           |         |                           |                 |                                   |                                |                  |     |      |   |          |       | X               |             |             |                         |                       |             |             |             |             |             | N/A          |
| 6      |  | G151                              | WT                                    | G                           |           |         |                           | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             | X           |             |             | 24020002-002 |
| 7      |  | G152                              | WT                                    | G                           |           |         |                           | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             | X           |             |             | 24020002-003 |
| 8      |  | G153                              | WT                                    | G                           |           |         |                           | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             | X           |             |             | 24020002-004 |
| 9      |  | G154                              | WT                                    | G                           |           |         |                           | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             | X           | X           |             |             | 24020002-005 |
| 10     |  | G155                              | WT                                    | G                           |           |         |                           | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             | X           |             |             | 24020002-006 |
| 11     |  | G200                              | WT                                    | G                           |           | 2-21-24 | 0903                      | 2               |                                   |                                |                  |     |      |   |          |       | X               | X           |             |                         |                       | X           |             | X           |             |             | 24020002-007 |
| 12     |  | G206                              | WT                                    | G                           |           |         |                           | 2               |                                   |                                |                  |     |      |   |          |       | X               |             |             |                         |                       |             |             | X           |             |             | 24020002-008 |
| 13     |  | G206D                             | WT                                    | G                           |           |         |                           | 2               |                                   |                                |                  |     |      |   |          |       | X               |             |             |                         |                       |             |             |             |             |             | 24020002-009 |
| 14     |  | G207                              | WT                                    | G                           |           |         |                           |                 |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             | X           |             |             | N/A          |
| 15     |  | G208                              | WT                                    | G                           |           |         |                           |                 |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             | X           |             |             | N/A          |
| 16     |  | G209                              | WT                                    | G                           |           |         |                           | 2               |                                   |                                |                  |     |      |   |          |       | X               |             |             |                         |                       |             | X           |             | X           |             | 24020002-010 |

|                                    |                               |      |      |                           |         |       |                                 |                       |                             |                      |
|------------------------------------|-------------------------------|------|------|---------------------------|---------|-------|---------------------------------|-----------------------|-----------------------------|----------------------|
| ADDITIONAL COMMENTS                | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME  | SAMPLE CONDITIONS               |                       |                             |                      |
| COF-24Q1 Rev 1<br>Ra226/228, only  | J. Colp                       | 2-21 | 1635 | Justin Colp               | 2/21/24 | 11035 | Y                               | N                     |                             |                      |
| SAMPLER NAME AND SIGNATURE         |                               |      |      |                           |         |       | Temp in °C                      | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER: Justin Colp |                               |      |      |                           |         |       |                                 |                       |                             |                      |
| SIGNATURE of SAMPLER: [Signature]  |                               |      |      |                           |         |       | DATE Signed (MM/DD/YY): 2-21-24 |                       |                             |                      |

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|--|--|--|--|--|--|---|--|
| <b>Section A</b><br>Required Client Information: |  | <b>Section B</b><br>Required Project Information:          |  | <b>Section C</b><br>Invoice Information: |  | Page: 4 of 7  |  |
| Company: <b>Vistra Corp-Coffeen</b>              |  | Report To: <b>Brian Voelker</b>                            |  | Attention: <b>Jason Stuckey</b>          |  | <b>REGULATORY AGENCY</b>  |  |
| Address: <b>134 CIPS Lane</b>                    |  | Copy To: <b>Sam Davies-samantha.davies@visstracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |   |  |
| <b>Coffeen, IL 62017</b>                         |  | John Romang - John.Romang@visstracorp.com                  |  | Address: <b>see Section A</b>            |  |   |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |  | Scott Reil- Michael.Reil@visstracorp.com                   |  | Quote Reference:                         |  |   |  |
| Phone: (217) 753-8911 Fax:                       |  | Purchase Order No.:  |  | Project Reference:                       |  | <b>NPDES GROUND WATER DRINKING WATER</b><br><b>UST RCRA OTHER</b> |  |
| Requested Due Date/TAT: <b>10 day</b>            |  | Project Name:  |  | Project Manager:                         |  |   |  |
|  |  | Project Number: <b>2285</b>                                |  | Profile #:                               |  | <b>Site Location</b><br><b>STATE: IL</b>                          |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | DATE | TIME    | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Requested Analysis Filtered (Y/N) |                                |                  |     |      |   |          |       |                 |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |              |
|--------|--|-----------------------------------|------|---------|---------------------------------------|-----------------------------|---------------------------|-----------------|-----------------------------------|--------------------------------|------------------|-----|------|---|----------|-------|-----------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|--------------|
|        |  |                                   |      |         |                                       |                             |                           |                 | Preservatives                     |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             |              |
|        |  |                                   |      |         |                                       |                             |                           |                 | Unpreserved                       | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| 1      | G276                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-021 |
| 2      | G277                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-022 |
| 3      | G278                                     | WT                                | G    |         |                                       |                             |                           |                 |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | N/A          |
| 4      | G279                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-023 |
| 5      | G280                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-024 |
| 6      | G281                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-025 |
| 7      | G283                                     | WT                                | G    | 2-21-24 | 1008                                  |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-026 |
| 8      | G284                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-027 |
| 9      | G285                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-028 |
| 10     | G301                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-029 |
| 11     | G302                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-030 |
| 12     | G303                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-031 |
| 13     | G305                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-032 |
| 14     | G306                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-033 |
| 15     | G307                                     | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-034 |
| 16     | G307D                                    | WT                                | G    |         |                                       |                             | 2                         | 2               |                                   |                                |                  |     |      |   |          |       |                 |             |             |                         |                       |             |             |             |             | 24020002-035 |

|                     |  |                               |  |      |      |                           |  |         |      |                   |  |  |
|---------------------|--|-------------------------------|--|------|------|---------------------------|--|---------|------|-------------------|--|--|
| ADDITIONAL COMMENTS |  | RELINQUISHED BY / AFFILIATION |  | DATE | TIME | ACCEPTED BY / AFFILIATION |  | DATE    | TIME | SAMPLE CONDITIONS |  |  |
| COF-24Q1 Rev 1      |  | J. Colp                       |  | 2-21 | 1635 | Justin Colp               |  | 2/21/24 | 1635 |                   |  |  |
| Ra226/228, only     |  |                               |  |      |      |                           |  |         |      |                   |  |  |

|                            |                    |                         |                       |                             |                      |
|----------------------------|--------------------|-------------------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE |                    | Temp in °C              | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER:     | Justin Colp        |                         |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <i>Justin Colp</i> | DATE Signed (MM/DD/YY): | 2-21-24               |                             |                      |

## CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |      |   |  |  |  |
|--|------|---|--|--|--|
| <b>Section A</b><br>Required Client Information: |      | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  |
| Company: <b>Vistra Corp-Coffeeen</b>             |      | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |
| Address: <b>134 CIPS Lane</b>                    |      | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |
| <b>Coffeeen, IL 62017</b>                        |      | John Romang - <b>John.Romang@vistracorp.com</b>           |  | Address: <b>see Section A</b>            |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |      | Scott Bell- <b>Michael.Bell@vistracorp.com</b>            |  | Quote Reference:                         |  |
| Phone: <b>(217) 753-8911</b>                     | Fax: | Purchase Order No.:                                       |  | Project Reference:                       |  |
| Requested Due Date/TAT: <b>10 day</b>            |      | Project Name:   |  | Project Manager:                         |  |
|  |      | Project Number: <b>2285</b>                               |  | Profile #:                               |  |

| REGULATORY AGENCY |              |                |
|-------------------|--------------|----------------|
| NPDES             | GROUND WATER | DRINKING WATER |
| UST               | RCRA         | OTHER          |
| Site Location     |              |                |
| STATE:            |              | IL             |

| ITEM # | Section D<br>Required Client Information<br><br><b>SAMPLE ID</b><br>(A-Z, 0-9 / -)<br>Sample IDs MUST BE UNIQUE | Valid Matrix Codes<br>MATRIX CODE<br>DRINKING WATER DW<br>WATER WT<br>WASTE WATER WW<br>PRODUCT P<br>SOL/SOLID SL<br>CL<br>WPE VP<br>AR<br>OTHER OT<br>TISSUE TS | MATRIX CODE (see valid codes to fill) | SAMPLE TYPE (S=GRAB C=COMP) | COLLECTED |         | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |   |          | Analysis Test (Y/N) | Requested Analysis Filtered (Y/N) |             |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |              |                  |              |
|--------|---|--|---------------------------------------|-----------------------------|-----------|---------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|---------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|--------------|------------------|--------------|
|        |   |  |                                       |                             | DATE      | TIME    |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |                     | Other                             | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 | COF-845-103 |                         |                       | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |
|        |   |  |                                       |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |                     |                                   |             |             |             |             |             |             |             |             |             |                         |                       |             |              |                  |              |
| 1      | G308  | WT   | G                                     |                             |           |         | 2                         |                 |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             | 24020002-036 |                  |              |
| 2      | G310  | WT   | G                                     |                             |           |         | 2                         |                 |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             | 24020002-037 |                  |              |
| 3      | G312  | WT   | G                                     |                             |           |         | 2                         |                 |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             | 24020002-038 |                  |              |
| 4      | G313  | WT   | G                                     |                             |           |         | 2                         |                 |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             | 24020002-039 |                  |              |
| 5      | G314  | WT   | G                                     |                             |           |         | 2                         |                 |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             | 24020002-040 |                  |              |
| 6      | G314B   | WT   | G                                     |                             |           |         | 2                         |                 |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             | 24020002-041 |                  |              |
| 7      | G315  | WT   | G                                     |                             |           |         | 2                         |                 |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             | 24020002-042 |                  |              |
| 8      | G316  | WT   | G                                     |                             |           |         | 2                         |                 |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             |             |             |             |             |             |             |                         |                       |             | 24020002-043 |                  |              |
| 9      | G401  | WT   | G                                     |                             |           | 2-21-24 | 1246                      | 2               |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             | 24020002-044 |                  |              |
| 10     | G402  | WT   | G                                     |                             |           | 2-21-24 | 1344                      | 2               |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             | 24020002-045 |                  |              |
| 11     | G403  | WT   | G                                     |                             |           | 2-21-24 | 1143                      | 2               |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             | 24020002-046 |                  |              |
| 12     | G404  | WT   | G                                     |                             |           | 2-21-24 | 1037                      | 2               |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             | 24020002-047 |                  |              |
| 13     | G405  | WT   | G                                     |                             |           | 2-21-24 | 1109                      | 2               |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             | 24020002-048 |                  |              |
| 14     | G406  | WT   | G                                     |                             |           | 2-21-24 | 1211                      | 2               |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             | 24020002-049 |                  |              |
| 15     | G407  | WT   | G                                     |                             |           |         |                           | 2               |               |                                |                  |     |      |   |          |                     |                                   | X           |             |             | X           |             |             |             |             |             |                         |                       |             | 24020002-050 |                  |              |
| 16     | G410  | WT   | G                                     |                             |           |         |                           | 2               |               |                                |                  |     |      |   |          |                     |                                   |             |             |             |             | X           |             |             |             |             |                         |                       |             | 24020002-051 |                  |              |

| ADDITIONAL COMMENTS                      | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |  |
|--|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|--|
| <b>COF-24Q1 Rev 1</b><br>Ra226/228, only | J. Cold                       | 2-21 | 1635 | Justin Cold               | 2/21/24 | 1635 | >                 | z |  |

| SAMPLER NAME AND SIGNATURE |                       |                             |                      |
|----------------------------|-----------------------|-----------------------------|----------------------|
| PRINT Name of SAMPLER:     | Justin Cold           |                             |                      |
| SIGNATURE of SAMPLER:      |                       | DATE Signed (MM/DD/YY):     | 2-21-24              |
| Temp in °C                 | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |

## CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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|  |  |  |  |  |  |
|--|--|--|--|--|--|
| <b>Section A</b><br>Required Client Information:   |  | <b>Section B</b><br>Required Project Information:  |  | <b>Section C</b><br>Invoice Information:   |  |
| Company: <b>Vistra Corp-Coffeeen</b>   |  | Report To: <b>Brian Voelker</b>  |  | Attention: <b>Jason Stuckey</b>  |  |
| Address: <b>134 CIPS Lane</b>  |  | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b>                                |  | Company Name: <b>Vistra Corp</b>   |  |
| <b>Coffeeen, IL 62017</b>  |  | John Romang - <a href="mailto:John.Romang@vistracorp.com">John.Romang@vistracorp.com</a> |  | Address: <b>see Section A</b>  |  |
| Email To: <a href="mailto:Brian.Voelker@VistraCorp.com">Brian.Voelker@VistraCorp.com</a> |  | Purchase Order No.:  |  | REGULATORY AGENCY<br>NPDES    GROUND WATER    DRINKING WATER<br>UST    RCRA    OTHER |  |
| Phone: <b>(217) 753-8911</b> Fax:  |  | Project Name:  |  |  |  |
| Requested Due Date/TAT: <b>10 day</b>  |  | Project Number: <b>2285</b>  |  | Project Manager:   |  |
|  |  |  |  | Profile #:   |  |
|  |  |  |  | STATE: <b>IL</b>   |  |

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX    CODE<br>DRINKING WATER    DW<br>WATER    WT<br>WASTE WATER    WW<br>PRODUCT    P<br>SOIL/SOLID    SL<br>OIL    OL<br>WIFE    WF<br>AIR    AR<br>OTHER    OT<br>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 | Requested Analysis Filtered (Y/N) |  |  |   |   |  |  |  |  |  | Residual Chlorine (Y/N) | Project No./ Lab I.D. |  |
|--------|--|--|---------------------------------------|-----------------------------|-----------|---------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|---------------|-----------------------------------|--|--|---|---|--|--|--|--|--|-------------------------|-----------------------|--|
|        |  |  |                                       |                             | DATE      | TIME    |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |               | Other                             |  |  |   |   |  |  |  |  |  |                         |                       |  |
|        |  |  |                                       |                             |           |         |                           |                 |               |                                |                  |     |      |   |          |               |                                   |  |  |   |   |  |  |  |  |  |                         |                       |  |
| 1      | G411                                     |  | WT                                    | G                           |           |         | 2                         |                 |               |                                |                  |     |      |   |          |               |                                   |  |  |   |   |  |  |  |  |  |                         | 24020002-052          |  |
| 2      | L201                                     |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |               |                                   |  |  |   |   |  |  |  |  |  |                         | N/A                   |  |
| 3      | L202                                     |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |               |                                   |  |  |   |   |  |  |  |  |  |                         | N/A                   |  |
| 4      | L203                                     |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |               |                                   |  |  |   |   |  |  |  |  |  |                         | N/A                   |  |
| 5      | NE Riser                                 |  | WT                                    | G                           |           | 2-21-24 | 1425                      |                 |               |                                |                  |     |      | X   |          |               |                                   |  |  | X |   |  |  |  |  |  |                         | N/A                   |  |
| 6      | R104                                     |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      |   |          | X             |                                   |  |  |   |   |  |  |  |  |  |                         | N/A                   |  |
| 7      | R201                                     |  | WT                                    | G                           |           |         |                           | 2               |               | 2                              |                  |     |      | X   | X        |               |                                   |  |  | X |   |  |  |  |  |  |                         | 24020002-053          |  |
| 8      | R205                                     |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      |   |          |               |                                   |  |  |   |   |  |  |  |  |  |                         | N/A                   |  |
| 9      | SG-02                                    |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   | X        |               |                                   |  |  | X | X |  |  |  |  |  |                         | N/A                   |  |
| 10     | SG-03                                    |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   | X        |               |                                   |  |  | X | X |  |  |  |  |  |                         | N/A                   |  |
| 11     | T127                                     |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      |   | X        | X             |                                   |  |  |   |   |  |  |  |  |  |                         | N/A                   |  |
| 12     | T128                                     |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      |   | X        |               |                                   |  |  |   |   |  |  |  |  |  |                         | N/A                   |  |
| 13     | X201                                     |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |               |                                   |  |  |   |   |  |  |  |  |  |                         | N/A                   |  |
| 14     | XPW01                                    |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |               |                                   |  |  | X |   |  |  |  |  |  |                         | N/A                   |  |
| 15     | XPW02                                    |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |               |                                   |  |  | X |   |  |  |  |  |  |                         | N/A                   |  |
| 16     | XSG-01                                   |  | WT                                    | G                           |           |         |                           |                 |               |                                |                  |     |      | X   |          |               |                                   |  |  | X |   |  |  |  |  |  |                         | N/A                   |  |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME  | SAMPLE CONDITIONS |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|-------|-------------------|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Colp                       | 2-21 | 1635 | Justin Colp               | 2/21/24 | 11:25 | >    z            |

|   |                             |  |            |
|---|-----------------------------|--|------------|
| SAMPLER NAME AND SIGNATURE                |                             |  |            |
| PRINT Name of SAMPLER: <i>Justin Colp</i> |                             | DATE Signed (MM/DD/YY): <i>2-21-24</i> | Temp in °C |
| SIGNATURE of SAMPLER: <i>[Signature]</i>  |                             |  |            |
| Received on Ice (Y/N)                     | Custody Sealed Cooler (Y/N) | Stemplus Intact (Y/N)                  |            |

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |  |  |                            |   |
|--|--|--|----------------------------|---|
| <b>Section A</b><br>Required Client Information: | <b>Section B</b><br>Required Project Information:  | <b>Section C</b><br>Invoice Information: | Page: <u>7</u> of <u>7</u> |   |
| Company: <u>Vistra Corp-Coffeen</u>              | Report To: <u>Brian Voelker</u>  | Attention: <u>Jason Stuckey</u>          |                            |   |
| Address: <u>134 CIPS Lane</u>                    | Copy To: <u>Sam Davies-samantha.davies@vistracorp.com</u>  | Company Name: <u>Vistra Corp</u>         | <b>REGULATORY AGENCY</b>   |   |
| <u>Coffeen, IL 62017</u>                         | <u>John Romang - John.Romang@vistracorp.com</u><br><u>Scott Bell-Michael.Bell@vistracorp.com</u> | Address: <u>see Section A</u>            |                            | NPDES    GROUND WATER    DRINKING WATER |
| Email To: <u>Brian.Voelker@VistraCorp.com</u>    | Purchase Order No.:  | Quote Reference:                         |                            | UST    RCRA    OTHER                    |
| Phone: <u>(217) 753-8911</u> Fax:                | Project Name:  | Project Manager:                         | <b>Site Location</b>       |   |
| Requested Due Date/TAT: <u>10 day</u>            | Project Number: <u>2285</u>  | Profile #:                               | IL                         |   |
|  |  |  | <b>STATE:</b>              |   |

| ITEM # | Section D<br>Required Client Information<br><br><b>SAMPLE ID</b><br>(A-Z, 0-9 / -)<br>Sample IDs MUST BE UNIQUE | Valid Matrix Codes<br>MATRIX CODE<br>DRINKING WATER DW<br>WATER WT<br>WASTE WATER WW<br>PRODUCT P<br>SOIL/SOLID SL<br>OIL OL<br>WPE WP<br>AIR AR<br>OTHER OT<br>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<br>Y/N | Requested Analysis Filtered (Y/N) |       |             |             |             |             |             |             |             |             | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |              |                  |              |  |              |  |
|--------|---|---|---------------------------------------|-----------------------------|-----------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------------------|-----------------------------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-----------------------|-------------|-------------|--------------|------------------|--------------|--|--------------|--|
|        |   |   |                                       |                             | DATE      | TIME |                           |                 | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      | Methanol                          | Other | COF-257-101 | COF-257-102 | COF-257-103 | COF-257-104 | COF-257-105 | COF-811-105 | COF-845-101 | COF-845-102 |                         |                       | COF-845-103 | COF-845-104 | COF-WPCP-102 | COF-WPCP-103-104 | COF-WPCP-106 |  |              |  |
|        |   |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  |              |  |
| 1      | Field Blank   |   | WT                                    | G                           | 2-21-24   | 1503 | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  | 24020002-054 |  |
| 2      | G102 Duplicate  |   | WT                                    | G                           |           |      |                           |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  | N/A          |  |
| 3      | G200 Duplicate  |   | WT                                    | G                           | 2-21-24   | 0903 | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  | 24020002-055 |  |
| 4      | G273 Duplicate  |   | WT                                    | G                           |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  | 24020002-056 |  |
| 5      | G301 Duplicate  |   | WT                                    | G                           |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  | 24020002-057 |  |
| 6      | R201 Duplicate  |   | WT                                    | G                           |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  | 24020002-058 |  |
| 7      | Equipment Blank 1   |   | WT                                    | G                           | 2-21-24   | 1458 | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  | 24020002-059 |  |
| 8      | Equipment Blank 2   |   | WT                                    | G                           |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  | 24020002-060 |  |
| 9      | Equipment Blank 3   |   | WT                                    | G                           |           |      | 2                         |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  | 24020002-061 |  |
| 10     |   |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  |              |  |
| 11     |   |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  |              |  |
| 12     |   |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  |              |  |
| 13     |   |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  |              |  |
| 14     |   |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  |              |  |
| 15     |   |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  |              |  |
| 16     |   |   |                                       |                             |           |      |                           |                 |               |                                |                  |     |      |   |                      |                                   |       |             |             |             |             |             |             |             |             |                         |                       |             |             |              |                  |              |  |              |  |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |   |
|-----------------------------------|-------------------------------|------|------|---------------------------|---------|------|-------------------|---|
| COF-24Q1 Rev 1<br>Ra226/228, only | J. Colp                       | 2-21 | 1635 | Justin Colp               | 2/21/24 | 1635 | 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:     | <u>Justin Colp</u> |  |            |                       |                             |                      |
| SIGNATURE of SAMPLER:      | <u>[Signature]</u> | DATE Signed (MM/DD/YYYY): <u>2-21-24</u> |            |                       |                             |                      |

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

|  |      |   |  |  |  |
|--|------|---|--|--|--|
| <b>Section A</b><br>Required Client Information: |      | <b>Section B</b><br>Required Project Information:         |  | <b>Section C</b><br>Invoice Information: |  |
| Company: <b>Vistra Corp-Coffee</b>               |      | Report To: <b>Brian Voelker</b>                           |  | Attention: <b>Jason Stuckey</b>          |  |
| Address: <b>134 CIPS Lane</b>                    |      | Copy To: <b>Sam Davies-samantha.davies@vistracorp.com</b> |  | Company Name: <b>Vistra Corp</b>         |  |
| <b>Coffeen, IL 62017</b>                         |      | John Romang - <b>John.Romang@vistracorp.com</b>           |  | Address: <b>see Section A</b>            |  |
| Email To: <b>Brian.Voelker@VistraCorp.com</b>    |      | Purchase Order No.:                                       |  | Quote Reference:                         |  |
| Phone: <b>(217) 753-8911</b>                     | Fax: | Project Name:   |  | Project Manager:                         |  |
| Requested Due Date/TAT: <b>10 day</b>            |      | Project Number: <b>2285</b>                               |  | Profile #:                               |  |
|  |      |   |  | <b>REGULATORY AGENCY</b>                 |  |
|  |      |   |  | NPDES <b>GROUND WATER</b> DRINKING WATER |  |
|  |      |   |  | UST     RCRA     OTHER                   |  |
|  |      |   |  | Site Location                            |  |
|  |      |   |  | STATE: <b>IL</b>                         |  |

| ITEM #                              | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX    CODE | COLLECTED                     | Requested Analysis Filtered (Y/N) |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             |              |
|-------------------------------------|--|--------------------------------------|-------------------------------|-----------------------------------|------|---------------------------|---------------------------|---------------|--------------------------------|------------------|------------|-----------------------|---|----------------------|-------|-----------------|-------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                                     |  |                                      |                               | DATE                              | TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS           | Preservatives |                                |                  |            |                       |   |                      |       | Analysis Test ↓ | Residual Chlorine (Y/N) | Project No./ Lab I.D. |             |             |             |             |             |             |             |              |
|                                     |  |                                      |                               |                                   |      |                           |                           | Unpreserved   | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl        | NaOH                  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 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  |
| 1                                   | G411                                     | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | 24020002-052 |
| 2                                   | L201                                     | WT G                                 |                               | 2-22-24                           | 0956 |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 3                                   | L202                                     | WT G                                 |                               | 2-22-24                           | 0950 |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 4                                   | L203                                     | WT G                                 |                               | 2-22-24                           | 1004 |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 5                                   | NE Riser                                 | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 6                                   | R104                                     | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 7                                   | R201                                     | WT G                                 |                               |                                   |      |                           | 2                         |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | 24020002-053 |
| 8                                   | R205                                     | WT G                                 |                               |                                   |      |                           |                           |               | 2                              |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 9                                   | SG-02                                    | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 10                                  | SG-03                                    | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 11                                  | T127                                     | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 12                                  | T128                                     | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 13                                  | X201                                     | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 14                                  | XPW01                                    | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 15                                  | XPW02                                    | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| 16                                  | XSG-01                                   | WT G                                 |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             | N/A          |
| ADDITIONAL COMMENTS                 |  |                                      | RELINQUISHED BY / AFFILIATION |                                   | DATE | TIME                      | ACCEPTED BY / AFFILIATION |               |                                | DATE             | TIME       | SAMPLE CONDITIONS     |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             |              |
| COF-24Q1 Rev 1                      |  |                                      | J. Colp                       |                                   | 2-22 | 1300                      | Justin Colp Duval         |               |                                | 2/22/24          | 1300       |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             |              |
| Ra226/228, only                     |  |                                      |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             |              |
| SAMPLER NAME AND SIGNATURE          |  |                                      |                               |                                   |      |                           |                           |               |                                |                  | Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N)                   | Samples intact (Y/N) |       |                 |                         |                       |             |             |             |             |             |             |             |              |
| PRINT Name of SAMPLER: Justin Colp  |  |                                      |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             |              |
| SIGNATURE of SAMPLER: <i>J Colp</i> |  |                                      |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             |              |
|                                     |  |                                      |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             |              |
|                                     |  |                                      |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             |              |
|                                     |  |                                      |                               |                                   |      |                           |                           |               |                                |                  |            |                       |   |                      |       |                 |                         |                       |             |             |             |             |             |             |             |              |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Elizabeth A Hurley  
TekLab, Inc

5445 Horseshoe Lake Road  
Collinsville, Illinois 62234

Generated 3/22/2024 4:40:14 PM Revision 1

## JOB DESCRIPTION

Radium-226 and Radium-228  
24020002

## JOB NUMBER

160-53264-1

# Eurofins St. Louis

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## 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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Revision 1

Authorized for release by  
Erika Jordan, Project Manager  
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(314)298-8566





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Client: TekLab, Inc  
Project: Radium-226 and Radium-228

Job ID: 160-53264-1

Eurofins St. Louis

## CASE NARRATIVE

Client: TekLab, Inc

Project: 24020002

Report Number: 160-53264-1 Revision 1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

The method blank (MB) z-score is within limits, unless stated otherwise below.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

Reference the chain of custody and receipt report for any variations on receipt conditions.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

### Revision

The report has been revised to correct a transcription error on the chain-of-custody (COC). The collection time for sample 24020002-026 should be 10:11, rather than 10:08.

### Receipt

The samples were received on 2/23/2024 12:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 6 coolers at receipt time were 17.7°C, 17.9°C, 17.9°C, 18.1°C, 18.1°C and 18.4°C.

Client provided a revised chain-of-custody (COC) to correct a sample time error for sample 24020002-057. The revised COC is included with the original sign COC.

### Method 903.0 - Radium-226 (GFPC)

Samples 24020002-001 (160-53264-1), 24020002-002 (160-53264-2), 24020002-003 (160-53264-3), 24020002-004 (160-53264-4), 24020002-005 (160-53264-5), 24020002-006 (160-53264-6), 24020002-007 (160-53264-7), 24020002-008 (160-53264-8), 24020002-009 (160-53264-9), 24020002-010 (160-53264-10), 24020002-011 (160-53264-11), 24020002-012 (160-53264-12), 24020002-013 (160-53264-13), 24020002-014 (160-53264-14), 24020002-015 (160-53264-15), 24020002-016

Eurofins St. Louis

Client: TekLab, Inc  
Project: Radium-226 and Radium-228

Job ID: 160-53264-1

**Job ID: 160-53264-1 (Continued)**

**Eurofins St. Louis**

(160-53264-16), 24020002-017 (160-53264-17), 24020002-018 (160-53264-18), 24020002-019 (160-53264-19), 24020002-020 (160-53264-20), 24020002-021 (160-53264-21), 24020002-022 (160-53264-22), 24020002-023 (160-53264-23), 24020002-024 (160-53264-24), 24020002-025 (160-53264-25), 24020002-026 (160-53264-26), 24020002-027 (160-53264-27), 24020002-028 (160-53264-28), 24020002-029 (160-53264-29), 24020002-030 (160-53264-30), 24020002-031 (160-53264-31), 24020002-032 (160-53264-32), 24020002-033 (160-53264-33), 24020002-034 (160-53264-34), 24020002-035 (160-53264-35), 24020002-036 (160-53264-36), 24020002-037 (160-53264-37), 24020002-038 (160-53264-38), 24020002-039 (160-53264-39), 24020002-040 (160-53264-40), 24020002-041 (160-53264-41), 24020002-042 (160-53264-42), 24020002-043 (160-53264-43), 24020002-044 (160-53264-44), 24020002-045 (160-53264-45), 24020002-046 (160-53264-46), 24020002-047 (160-53264-47), 24020002-048 (160-53264-48), 24020002-049 (160-53264-49), 24020002-050 (160-53264-50), 24020002-051 (160-53264-51), 24020002-052 (160-53264-52), 24020002-053 (160-53264-53), 24020002-054 (160-53264-54), 24020002-055 (160-53264-55), 24020002-056 (160-53264-56), 24020002-057 (160-53264-57), 24020002-058 (160-53264-58) and 24020002-059 (160-53264-59) were analyzed for Radium-226 (GFPC). The samples were prepared on 2/27/2024 and analyzed on 3/20/2024.

No analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

**Method 904.0 - Radium-228 (GFPC)**

Samples 24020002-001 (160-53264-1), 24020002-002 (160-53264-2), 24020002-003 (160-53264-3), 24020002-004 (160-53264-4), 24020002-005 (160-53264-5), 24020002-006 (160-53264-6), 24020002-007 (160-53264-7), 24020002-008 (160-53264-8), 24020002-009 (160-53264-9), 24020002-010 (160-53264-10), 24020002-011 (160-53264-11), 24020002-012 (160-53264-12), 24020002-013 (160-53264-13), 24020002-014 (160-53264-14), 24020002-015 (160-53264-15), 24020002-016 (160-53264-16), 24020002-017 (160-53264-17), 24020002-018 (160-53264-18), 24020002-019 (160-53264-19), 24020002-020 (160-53264-20), 24020002-021 (160-53264-21), 24020002-022 (160-53264-22), 24020002-023 (160-53264-23), 24020002-024 (160-53264-24), 24020002-025 (160-53264-25), 24020002-026 (160-53264-26), 24020002-027 (160-53264-27), 24020002-028 (160-53264-28), 24020002-029 (160-53264-29), 24020002-030 (160-53264-30), 24020002-031 (160-53264-31), 24020002-032 (160-53264-32), 24020002-033 (160-53264-33), 24020002-034 (160-53264-34), 24020002-035 (160-53264-35), 24020002-036 (160-53264-36), 24020002-037 (160-53264-37), 24020002-038 (160-53264-38), 24020002-039 (160-53264-39), 24020002-040 (160-53264-40), 24020002-041 (160-53264-41), 24020002-042 (160-53264-42), 24020002-043 (160-53264-43), 24020002-044 (160-53264-44), 24020002-045 (160-53264-45), 24020002-046 (160-53264-46), 24020002-047 (160-53264-47), 24020002-048 (160-53264-48), 24020002-049 (160-53264-49), 24020002-050 (160-53264-50), 24020002-051 (160-53264-51), 24020002-052 (160-53264-52), 24020002-053 (160-53264-53), 24020002-054 (160-53264-54), 24020002-055 (160-53264-55), 24020002-056 (160-53264-56), 24020002-057 (160-53264-57), 24020002-058 (160-53264-58) and 24020002-059 (160-53264-59) were analyzed for Radium-228 (GFPC). The samples were prepared on 2/27/2024 and analyzed on 3/12/2024, 3/13/2024, 3/14/2024 and 3/15/2024.

**Batch 160-649958**

The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: 24020002-003 (160-53264-3) and 24020002-006 (160-53264-6). Analytical results are reported with the detection limit achieved.

**Batch 160-649964**

The sample duplicate (DUP) precision was outside the control limits. However the original sample and DUP activity is below the MDC / RL making the measurement of precision less critical. The lab does not believe this discrepancy to have a negative impact on the data being reported. (160-53264-B-59-B DU)

The yttrium carrier recovery was outside the upper QC limit in the associated sample. The samples have been truncated to 100% to reduce any potential bias a high carrier recovery may have. The data have been qualified and reported. 24020002-059 (160-53264-59)

**Batch 160-649962**

The detection goal was not met for the following sample due to the reduction of sample required by the presence of matrix interferences: 24020002-045 (160-53264-45). Analytical results are reported with the detection limit achieved.

**Batch 160-649960**

The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: 24020002-021 (160-53264-21), 24020002-024 (160-53264-24), 24020002-025 (160-53264-25) and 24020002-034 (160-53264-34). Analytical results are reported with the detection limit achieved.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

**Method Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

Eurofins St. Louis

Client: TekLab, Inc  
Project: Radium-226 and Radium-228

Job ID: 160-53264-1

**Job ID: 160-53264-1 (Continued)**

**Eurofins St. Louis**

Samples 24020002-001 (160-53264-1), 24020002-005 (160-53264-5), 24020002-007 (160-53264-7), 24020002-008 (160-53264-8), 24020002-009 (160-53264-9), 24020002-010 (160-53264-10), 24020002-011 (160-53264-11), 24020002-012 (160-53264-12), 24020002-013 (160-53264-13), 24020002-014 (160-53264-14), 24020002-015 (160-53264-15), 24020002-016 (160-53264-16), 24020002-017 (160-53264-17), 24020002-018 (160-53264-18), 24020002-019 (160-53264-19), 24020002-020 (160-53264-20), 24020002-021 (160-53264-21), 24020002-022 (160-53264-22), 24020002-023 (160-53264-23), 24020002-024 (160-53264-24), 24020002-025 (160-53264-25), 24020002-026 (160-53264-26), 24020002-027 (160-53264-27), 24020002-028 (160-53264-28), 24020002-029 (160-53264-29), 24020002-030 (160-53264-30), 24020002-031 (160-53264-31), 24020002-032 (160-53264-32), 24020002-033 (160-53264-33), 24020002-034 (160-53264-34), 24020002-035 (160-53264-35), 24020002-036 (160-53264-36), 24020002-037 (160-53264-37), 24020002-038 (160-53264-38), 24020002-039 (160-53264-39), 24020002-040 (160-53264-40), 24020002-041 (160-53264-41), 24020002-042 (160-53264-42), 24020002-043 (160-53264-43), 24020002-044 (160-53264-44), 24020002-045 (160-53264-45), 24020002-046 (160-53264-46), 24020002-047 (160-53264-47), 24020002-048 (160-53264-48), 24020002-049 (160-53264-49), 24020002-050 (160-53264-50), 24020002-051 (160-53264-51), 24020002-052 (160-53264-52), 24020002-053 (160-53264-53), 24020002-054 (160-53264-54), 24020002-055 (160-53264-55), 24020002-056 (160-53264-56), 24020002-057 (160-53264-57), 24020002-058 (160-53264-58) and 24020002-059 (160-53264-59) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 3/21/2024.

No analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins St. Louis



### 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:

Project#

Comments:   
Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
Changes to methods must be approved by Teklab, Inc.  
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact:  Email:   
Requested Due Date:  Billing/PO:

Phone:

**PLEASE NOTE**

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

| Lab Use | Sample ID    | Sample Date/Time | Preservative | Matrix      | Ra226/228 combined                  | Ra226                               | Ra228                               |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|---------|--------------|------------------|--------------|-------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|         | 24020002-001 | 2/15/24 1323     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-002 | 2/19/24 0911     | HNO3         | Groundwater | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-003 | 2/19/24 1109     | HNO3         | Groundwater | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-004 | 2/19/24 1009     | HNO3         | Groundwater | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-005 | 2/19/24 0948     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-006 | 2/16/24 1037     | HNO3         | Groundwater | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-007 | 2/21/24 0903     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-008 | 2/13/24 1144     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-009 | 2/16/24 0931     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-010 | 2/13/24 1030     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-011 | 2/14/24 1017     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| *Relinquished By   | Date/Time | Received By | Date/Time |
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### TEKLAB, INC. Chain of Custody

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

Are the samples chilled? YES  NO  With:  Ice  Blue Ice Preserved in:  Lab  Field

Teklab Inc  
 5445 Horseshoe Lake Road  
 Collinsville, IL 62234

Cooler Temp:  Sampler:  QC Level:

Project#

Comments: **Please Issue reports and invoices via email only**  
 Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
 Changes to methods must be approved by Teklab, Inc.  
 Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact:  Email:   
 Requested Due Date:  Billing/PO:

Phone:

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| Lab Use | Sample ID    | Sample Date/Time | Preservative | Matrix      | Ra226/228 combined                  | Ra226                    | Ra228                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|---------|--------------|------------------|--------------|-------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|         | 24020002-012 | 2/14/24 0955     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-013 | 2/13/24 1412     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-014 | 2/13/24 1240     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-015 | 2/13/24 1211     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-016 | 2/19/24 1156     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-017 | 2/19/24 1220     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-018 | 2/19/24 1318     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-019 | 2/19/24 1421     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-020 | 2/19/24 1405     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-021 | 2/20/24 0921     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-022 | 2/20/24 0940     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| *Relinquished By    | Date/Time | Received By | Date/Time |
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| <i>Smiley Jones</i> | 2/23/24   |             |           |
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# TEKLAB, INC. Chain of Custody

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

Are the samples chilled? YES  NO  With:  Ice  Blue Ice Preserved in:  Lab  Field

Teklab Inc  
 5445 Horseshoe Lake Road  
 Collinsville, IL 62234

Cooler Temp:  Sampler:  QC Level:

Project#

Comments: **Please Issue reports and invoices via email only**  
 Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
 Changes to methods must be approved by Teklab, Inc.  
 Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact:  Email:   
 Requested Due Date:  Billing/PO:

Phone:

**PLEASE NOTE**

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| Lab Use | Sample ID    | Sample Date/Time | Preservative | Matrix      | Ra226/228 combined                  | Ra226                    | Ra228                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|---------|--------------|------------------|--------------|-------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|         | 24020002-023 | 2/20/24 1025     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-024 | 2/20/24 1110     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-025 | 2/15/24 1422     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-026 | 2/21/24 1008     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-027 | 2/20/24 1426     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-028 | 2/20/24 1318     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-029 | 2/19/24 1203     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-030 | 2/19/24 1327     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-031 | 2/14/24 1023     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-032 | 2/19/24 1456     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-033 | 2/14/24 1135     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| *Relinquished By | Date/Time | Received By | Date/Time |
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|                  |           |             |           |

### TEKLAB, INC. Chain of Custody

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

Are the samples chilled? YES  NO  With:  Ice  Blue Ice Preserved in:  Lab  Field

Teklab Inc  
 5445 Horseshoe Lake Road  
 Collinsville, IL 62234

Cooler Temp:  Sampler:  QC Level:

Project#

Comments: **Please Issue reports and invoices via email only**  
 Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
 Changes to methods must be approved by Teklab, Inc.  
 Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact:  Email:   
 Requested Due Date:  Billing/PO:

Phone:

**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      |
|---------|--------------|------------------|--------------|-------------|
|         | 24020002-034 | 2/14/24 1458     | HNO3         | Groundwater |
|         | 24020002-035 | 2/14/24 1342     | HNO3         | Groundwater |
|         | 24020002-036 | 2/16/24 1004     | HNO3         | Groundwater |
|         | 24020002-037 | 2/19/24 1124     | HNO3         | Groundwater |
|         | 24020002-038 | 2/19/24 1411     | HNO3         | Groundwater |
|         | 24020002-039 | 2/13/24 1419     | HNO3         | Groundwater |
|         | 24020002-040 | 2/13/24 1311     | HNO3         | Groundwater |
|         | 24020002-041 | 2/13/24 1220     | HNO3         | Groundwater |
|         | 24020002-042 | 2/14/24 1245     | HNO3         | Groundwater |
|         | 24020002-043 | 2/13/24 1131     | HNO3         | Groundwater |
|         | 24020002-044 | 2/21/24 1246     | HNO3         | Groundwater |

|                                     |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Ra226/228 combined                  | Ra226                    | Ra228                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| *Relinquished By      | Date/Time      | Received By | Date/Time |
|-----------------------|----------------|-------------|-----------|
| <i>Emilia Orlandi</i> | <i>2/23/24</i> |             |           |
|                       |                |             |           |
|                       |                |             |           |
|                       |                |             |           |





### 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:

Project#

Comments: **Please issue reports and invoices via email only**  
 Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
 Changes to methods must be approved by Teklab, Inc.  
 Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact:  Email:   
 Requested Due Date:  Billing/PO:

Phone:

**PLEASE NOTE**

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| Lab Use | Sample ID    | Sample Date/Time | Preservative | Matrix      | Ra226/228 combined                  | Ra226                               | Ra228                               |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|---------|--------------|------------------|--------------|-------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|         | 24020002-045 | 2/21/24 1344     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-046 | 2/21/24 1143     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-047 | 2/21/24 1037     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-048 | 2/21/24 1109     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-049 | 2/21/24 1211     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-050 | 2/20/24 1015     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-051 | 2/20/24 1118     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-052 | 2/20/24 1213     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-053 | 2/20/24 1405     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-054 | 2/21/24 1503     | HNO3         | Aqueous     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-055 | 2/21/24 0903     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| *Relinquished By      | Date/Time | Received By | Date/Time |
|-----------------------|-----------|-------------|-----------|
| <i>Erica D. Wells</i> | 2/23/24   |             |           |
|                       |           |             |           |
|                       |           |             |           |
|                       |           |             |           |

### 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:

Project#

Comments:   
 Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
 Changes to methods must be approved by Teklab, Inc.  
 Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact:  Email:   
 Requested Due Date:  Billing/PO:

Phone:

**PLEASE NOTE**

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| Lab Use | Sample ID    | Sample Date/Time | Preservative | Matrix      | Ra226/228 combined                  | Ra226                               | Ra228                               |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|---------|--------------|------------------|--------------|-------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|         | 24020002-056 | 2/19/24 1318     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-057 | 2/19/24 1204     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-058 | 2/20/24 1405     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         | 24020002-059 | 2/21/24 1458     | HNO3         | Groundwater | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         |              |                  | HNO3         | Aqueous     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         |              |                  | HNO3         | Aqueous     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         |              |                  | HNO3         | Groundwater | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         |              |                  | HNO3         | Groundwater | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         |              |                  | HNO3         | Groundwater | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         |              |                  | HNO3         | Groundwater | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|         |              |                  | HNO3         | Groundwater | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| *Relinquished By   | Date/Time      | Received By | Date/Time |
|--------------------|----------------|-------------|-----------|
| <i>Sonia Owens</i> | <i>2/23/24</i> |             |           |
|                    |                |             |           |
|                    |                |             |           |
|                    |                |             |           |



### TEKLAB, INC. Chain of Custody

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

Are the samples chilled? YES  NO  With:  Ice  Blue Ice  Preserved in:  Lab  Field

**Teklab Inc**  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

Cooler Temp: [ ] Sampler: Teklab, Inc. QC Level: 2

Comments: Please issue reports and invoices via email only  
Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
Changes to methods must be approved by Teklab, Inc.  
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Project#: 24020002

Contact: Elizabeth Hurley Email: ehurley@teklabinc.com  
Requested Due Date: Standad TAT Billing/PO: 35742

Phone: 618 344-1004 ext. 33

#### PLEASE NOTE:

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| Lab Use | Sample ID    | Sample Date/Time | Preservative | Matrix      |
|---------|--------------|------------------|--------------|-------------|
|         | 24020002-001 | 2/15/24 1323     | HNO3         | Groundwater |
|         | 24020002-002 | 2/19/24 0911     | HNO3         | Groundwater |
|         | 24020002-003 | 2/19/24 1109     | HNO3         | Groundwater |
|         | 24020002-004 | 2/19/24 1009     | HNO3         | Groundwater |
|         | 24020002-005 | 2/19/24 0948     | HNO3         | Groundwater |
|         | 24020002-006 | 2/16/24 1037     | HNO3         | Groundwater |
|         | 24020002-007 | 2/21/24 0903     | HNO3         | Groundwater |
|         | 24020002-008 | 2/13/24 1144     | HNO3         | Groundwater |
|         | 24020002-009 | 2/16/24 0931     | HNO3         | Groundwater |
|         | 24020002-010 | 2/13/24 1030     | HNO3         | Groundwater |
|         | 24020002-011 | 2/14/24 1017     | HNO3         | Groundwater |



| *Relinquished By   | Date/Time    | Received By        | Date/Time    |
|--------------------|--------------|--------------------|--------------|
| <i>[Signature]</i> | 2/23/24 1048 | <i>[Signature]</i> | 2/23/24 1049 |
| <i>[Signature]</i> | 2/23/24 1220 | Dana Worthington   | 2/23/24 1220 |
|                    |              |                    |              |
|                    |              |                    |              |

# TEKLAB, INC. Chain of Custody

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

Are the samples chilled? YES  NO  With:  Ice  Blue Ice  Preserved in:  Lab  Field

Teklab Inc  
 5445 Horseshoe Lake Road  
 Collinsville, IL 62234

Cooler Temp:

Sampler: Teklab, Inc.

QC Level:

Project#: 24020002  
 Comments: **Please Issue reports and invoices via email only**  
 Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
 Changes to methods must be approved by Teklab, Inc.  
 Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact: Elizabeth Hurley Email: ehurley@teklabinc.com  
 Requested Due Date: Standad TAT Billing/PO: 35742

Phone: 618 344-1004 ext. 33

**PLEASE NOTE:**

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|                    |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |  |
|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|
| Ra226              |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |  |
| Ra228              |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |  |
| Ra226/228 combined | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |  |

| Lab Use | Sample ID    | Sample Date/Time | Preservative | Matrix      |
|---------|--------------|------------------|--------------|-------------|
|         | 24020002-012 | 2/14/24 0955     | HNO3         | Groundwater |
|         | 24020002-013 | 2/13/24 1412     | HNO3         | Groundwater |
|         | 24020002-014 | 2/13/24 1240     | HNO3         | Groundwater |
|         | 24020002-015 | 2/13/24 1211     | HNO3         | Groundwater |
|         | 24020002-016 | 2/19/24 1156     | HNO3         | Groundwater |
|         | 24020002-017 | 2/19/24 1220     | HNO3         | Groundwater |
|         | 24020002-018 | 2/19/24 1318     | HNO3         | Groundwater |
|         | 24020002-019 | 2/19/24 1421     | HNO3         | Groundwater |
|         | 24020002-020 | 2/19/24 1405     | HNO3         | Groundwater |
|         | 24020002-021 | 2/20/24 0921     | HNO3         | Groundwater |
|         | 24020002-022 | 2/20/24 0940     | HNO3         | Groundwater |

\*Relinquished By: *SM...* Date/Time: 2/23/24 10:48  
 Received By: *Susan Washington* Date/Time: 2/23/24 17:20

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 OAM Section 9.1, TNI V1 M2 Section 4.1.5 c)



# TEKLAB, INC. Chain of Custody

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

Are the samples chilled? YES  NO  With:  Ice  Blue Ice  Preserved in:  Lab  Field

Teklab Inc  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

Cooler Temp:  Sampler: Teklab, Inc. QC Level: 2

Comments: **Please issue reports and invoices via email only**  
Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
Changes to methods must be approved by Teklab, Inc.  
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Project#: 24020002

Contact: Elizabeth Hurley Email: ehurley@teklabinc.com  
Requested Due Date: Standard TAT Billing/PO: 35742

Phone: 618 344-1004 ext. 33

**PLEASE NOTE:**

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| Lab Use | Sample ID    | Sample Date/Time | Preservative | Matrix      | <input checked="" type="checkbox"/> Ra226/228 combined | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---------|--------------|------------------|--------------|-------------|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|         | 24020002-023 | 2/20/24 1025     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|         | 24020002-024 | 2/20/24 1110     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|         | 24020002-025 | 2/15/24 1422     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|         | 24020002-026 | 2/21/24 1008     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|         | 24020002-027 | 2/20/24 1426     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|         | 24020002-028 | 2/20/24 1318     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|         | 24020002-029 | 2/19/24 1203     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|         | 24020002-030 | 2/19/24 1327     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|         | 24020002-031 | 2/14/24 1023     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|         | 24020002-032 | 2/19/24 1456     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|         | 24020002-033 | 2/14/24 1135     | HNO3         | Groundwater | <input checked="" type="checkbox"/>                    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |

| *Relinquished By   | Date/Time    | Received By        | Date/Time    |
|--------------------|--------------|--------------------|--------------|
| <i>[Signature]</i> | 2/23/24 1078 | <i>[Signature]</i> | 2/23/24 1078 |
| <i>[Signature]</i> | 2/23/24 1220 | <i>[Signature]</i> | 2/23/24 1220 |

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)



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#: 24020002  
Cooler Temp:  Sampler: Teklab, Inc. QC Level: 2  
Contact: Elizabeth Hurley Email: ehurley@teklabinc.com  
Requested Due Date: Standard TAT Billing/PO: 35742  
Comments: Please issue reports and invoices via email only  
Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
Changes to methods must be approved by Teklab, Inc.  
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

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.

Table with 12 columns representing different analytes. The first column is labeled 'Ra226/228 combined'. The next two columns are labeled 'Ra226' and 'Ra228'. The remaining 9 columns are empty. Each column has a grid of checkboxes for tracking analysis results.

| Lab Use | Sample ID    | Sample Date/Time | Preservative | Matrix      |
|---------|--------------|------------------|--------------|-------------|
|         | 24020002-034 | 2/14/24 1458     | HNO3         | Groundwater |
|         | 24020002-035 | 2/14/24 1342     | HNO3         | Groundwater |
|         | 24020002-036 | 2/16/24 1004     | HNO3         | Groundwater |
|         | 24020002-037 | 2/19/24 1124     | HNO3         | Groundwater |
|         | 24020002-038 | 2/19/24 1411     | HNO3         | Groundwater |
|         | 24020002-039 | 2/13/24 1419     | HNO3         | Groundwater |
|         | 24020002-040 | 2/13/24 1311     | HNO3         | Groundwater |
|         | 24020002-041 | 2/13/24 1220     | HNO3         | Groundwater |
|         | 24020002-042 | 2/14/24 1245     | HNO3         | Groundwater |
|         | 24020002-043 | 2/13/24 1131     | HNO3         | Groundwater |
|         | 24020002-044 | 2/21/24 1246     | HNO3         | Groundwater |

\*Relinquished By: [Signature] Date/Time: 2/13/24 1048  
Received By: [Signature] Date/Time: 2/23/24 1720

**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#: 24020002  
 Cooler Temp: [ ] Sampler: Teklab, Inc. QC Level: 2  
 Comments: Please issue reports and invoices via email only  
 Please analyze for Radium 226/228 per standard GW methods (Vistra project).  
 Changes to methods must be approved by Teklab, Inc.  
 Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact: Elizabeth Hurley Email: ehurley@teklabinc.com  
 Requested Due Date: Standad TAT Billing/PO: 35742  
 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      |
|---------|--------------|------------------|--------------|-------------|
|         | 24020002-045 | 2/21/24 1344     | HNO3         | Groundwater |
|         | 24020002-046 | 2/21/24 1143     | HNO3         | Groundwater |
|         | 24020002-047 | 2/21/24 1037     | HNO3         | Groundwater |
|         | 24020002-048 | 2/21/24 1109     | HNO3         | Groundwater |
|         | 24020002-049 | 2/21/24 1211     | HNO3         | Groundwater |
|         | 24020002-050 | 2/20/24 1015     | HNO3         | Groundwater |
|         | 24020002-051 | 2/20/24 1118     | HNO3         | Groundwater |
|         | 24020002-052 | 2/20/24 1213     | HNO3         | Groundwater |
|         | 24020002-053 | 2/20/24 1405     | HNO3         | Groundwater |
|         | 24020002-054 | 2/21/24 1503     | HNO3         | Aqueous     |
|         | 24020002-055 | 2/21/24 0903     | HNO3         | Groundwater |

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ra226              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Ra228              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Ra226/228 combined | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

\*Relinquished By: [Signature] Date/Time: 2/23/24 1058  
 Received By: [Signature] Date/Time: 2/23/24 1220



# 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#: 24020002

Cooler Temp:  Sampler: Teklab, Inc. QC Level:  2

Contact: Elizabeth Hurley Email: ehurley@teklabinc.com  
Requested Due Date: Standad TAT Billing/PO: 35742

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                               | Ra228                               | Ra226/228 combined                  |  |  |  |  |  |  |  |  |  |  |
|---------|--------------|------------------|--------------|-------------|-------------------------------------|-------------------------------------|-------------------------------------|--|--|--|--|--|--|--|--|--|--|
|         | 24020002-056 | 2/19/24 1318     | HNO3         | Groundwater |                                     |                                     |                                     |  |  |  |  |  |  |  |  |  |  |
|         | 24020002-057 | 2/19/24 1204     | HNO3         | Groundwater |                                     |                                     |                                     |  |  |  |  |  |  |  |  |  |  |
|         | 24020002-058 | 2/20/24 1405     | HNO3         | Groundwater |                                     |                                     |                                     |  |  |  |  |  |  |  |  |  |  |
|         | 24020002-059 | 2/21/24 1458     | HNO3         | Groundwater |                                     |                                     |                                     |  |  |  |  |  |  |  |  |  |  |
|         |              |                  | HNO3         | Aqueous     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |  |  |  |  |  |  |  |  |  |  |
|         |              |                  | HNO3         | Aqueous     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |  |  |  |  |  |  |  |  |  |  |
|         |              |                  | HNO3         | Groundwater |                                     |                                     |                                     |  |  |  |  |  |  |  |  |  |  |
|         |              |                  | HNO3         | Groundwater |                                     |                                     |                                     |  |  |  |  |  |  |  |  |  |  |
|         |              |                  | HNO3         | Groundwater |                                     |                                     |                                     |  |  |  |  |  |  |  |  |  |  |
|         |              |                  | HNO3         | Groundwater |                                     |                                     |                                     |  |  |  |  |  |  |  |  |  |  |
|         |              |                  | HNO3         | Groundwater |                                     |                                     |                                     |  |  |  |  |  |  |  |  |  |  |

| *Relinquished By   | Date/Time    | Received By        | Date/Time    |
|--------------------|--------------|--------------------|--------------|
| <i>[Signature]</i> | 2/23/24 1048 | <i>[Signature]</i> | 2/23/24 1058 |
| <i>[Signature]</i> | 2/23/24 1110 | <i>[Signature]</i> | 2/23/24 1220 |
|                    |              |                    |              |
|                    |              |                    |              |



## Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-53264-1

SDG Number: 24020002

**Login Number: 53264**

**List Number: 1**

**Creator: Worthington, Sierra M**

**List Source: Eurofins St. Louis**

| Question  | Answer | Comment |
|---|--------|---------|
| Radioactivity wasn't checked or is <math>\leq</math> 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 <math><6\text{mm}</math> (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

## Qualifiers

### Rad

| Qualifier | Qualifier Description                            |
|-----------|--|
| F         | Duplicate RPD exceeds the control limit          |
| G         | The Sample MDC is greater than the requested RL. |
| U         | Result is less than the sample detection limit.  |
| X         | Carrier is outside acceptance limits.            |

## Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|---|
| α              | 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

| Method             | Method Description                                     | Protocol | Laboratory |
|--------------------|--|----------|------------|
| 903.0              | Radium-226 (GFPC)                                      | EPA      | EET SL     |
| 904.0              | Radium-228 (GFPC)                                      | EPA      | EET SL     |
| Ra226_Ra228<br>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** 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
 SDG: 24020002

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 160-53264-1   | 24020002-001     | Water  | 02/15/24 13:23 | 02/23/24 12:20 |
| 160-53264-2   | 24020002-002     | Water  | 02/19/24 09:11 | 02/23/24 12:20 |
| 160-53264-3   | 24020002-003     | Water  | 02/19/24 11:09 | 02/23/24 12:20 |
| 160-53264-4   | 24020002-004     | Water  | 02/19/24 10:09 | 02/23/24 12:20 |
| 160-53264-5   | 24020002-005     | Water  | 02/19/24 09:48 | 02/23/24 12:20 |
| 160-53264-6   | 24020002-006     | Water  | 02/16/24 10:37 | 02/23/24 12:20 |
| 160-53264-7   | 24020002-007     | Water  | 02/21/24 09:03 | 02/23/24 12:20 |
| 160-53264-8   | 24020002-008     | Water  | 02/13/24 11:44 | 02/23/24 12:20 |
| 160-53264-9   | 24020002-009     | Water  | 02/16/24 09:31 | 02/23/24 12:20 |
| 160-53264-10  | 24020002-010     | Water  | 02/13/24 10:30 | 02/23/24 12:20 |
| 160-53264-11  | 24020002-011     | Water  | 02/14/24 10:17 | 02/23/24 12:20 |
| 160-53264-12  | 24020002-012     | Water  | 02/14/24 09:55 | 02/23/24 12:20 |
| 160-53264-13  | 24020002-013     | Water  | 02/13/24 14:12 | 02/23/24 12:20 |
| 160-53264-14  | 24020002-014     | Water  | 02/13/24 12:40 | 02/23/24 12:20 |
| 160-53264-15  | 24020002-015     | Water  | 02/13/24 12:11 | 02/23/24 12:20 |
| 160-53264-16  | 24020002-016     | Water  | 02/19/24 11:56 | 02/23/24 12:20 |
| 160-53264-17  | 24020002-017     | Water  | 02/19/24 12:20 | 02/23/24 12:20 |
| 160-53264-18  | 24020002-018     | Water  | 02/19/24 13:18 | 02/23/24 12:20 |
| 160-53264-19  | 24020002-019     | Water  | 02/19/24 14:21 | 02/23/24 12:20 |
| 160-53264-20  | 24020002-020     | Water  | 02/19/24 14:05 | 02/23/24 12:20 |
| 160-53264-21  | 24020002-021     | Water  | 02/20/24 09:21 | 02/23/24 12:20 |
| 160-53264-22  | 24020002-022     | Water  | 02/20/24 09:40 | 02/23/24 12:20 |
| 160-53264-23  | 24020002-023     | Water  | 02/20/24 10:25 | 02/23/24 12:20 |
| 160-53264-24  | 24020002-024     | Water  | 02/20/24 11:10 | 02/23/24 12:20 |
| 160-53264-25  | 24020002-025     | Water  | 02/15/24 14:22 | 02/23/24 12:20 |
| 160-53264-26  | 24020002-026     | Water  | 02/21/24 10:11 | 02/23/24 12:20 |
| 160-53264-27  | 24020002-027     | Water  | 02/20/24 14:26 | 02/23/24 12:20 |
| 160-53264-28  | 24020002-028     | Water  | 02/20/24 13:18 | 02/23/24 12:20 |
| 160-53264-29  | 24020002-029     | Water  | 02/19/24 12:03 | 02/23/24 12:20 |
| 160-53264-30  | 24020002-030     | Water  | 02/19/24 13:27 | 02/23/24 12:20 |
| 160-53264-31  | 24020002-031     | Water  | 02/14/24 10:23 | 02/23/24 12:20 |
| 160-53264-32  | 24020002-032     | Water  | 02/19/24 14:56 | 02/23/24 12:20 |
| 160-53264-33  | 24020002-033     | Water  | 02/14/24 11:35 | 02/23/24 12:20 |
| 160-53264-34  | 24020002-034     | Water  | 02/14/24 14:58 | 02/23/24 12:20 |
| 160-53264-35  | 24020002-035     | Water  | 02/14/24 13:42 | 02/23/24 12:20 |
| 160-53264-36  | 24020002-036     | Water  | 02/16/24 10:04 | 02/23/24 12:20 |
| 160-53264-37  | 24020002-037     | Water  | 02/19/24 11:24 | 02/23/24 12:20 |
| 160-53264-38  | 24020002-038     | Water  | 02/19/24 14:11 | 02/23/24 12:20 |
| 160-53264-39  | 24020002-039     | Water  | 02/13/24 14:19 | 02/23/24 12:20 |
| 160-53264-40  | 24020002-040     | Water  | 02/13/24 13:11 | 02/23/24 12:20 |
| 160-53264-41  | 24020002-041     | Water  | 02/13/24 12:20 | 02/23/24 12:20 |
| 160-53264-42  | 24020002-042     | Water  | 02/14/24 12:45 | 02/23/24 12:20 |
| 160-53264-43  | 24020002-043     | Water  | 02/13/24 11:31 | 02/23/24 12:20 |
| 160-53264-44  | 24020002-044     | Water  | 02/21/24 12:46 | 02/23/24 12:20 |
| 160-53264-45  | 24020002-045     | Water  | 02/21/24 13:44 | 02/23/24 12:20 |
| 160-53264-46  | 24020002-046     | Water  | 02/21/24 11:43 | 02/23/24 12:20 |
| 160-53264-47  | 24020002-047     | Water  | 02/21/24 10:37 | 02/23/24 12:20 |
| 160-53264-48  | 24020002-048     | Water  | 02/21/24 11:09 | 02/23/24 12:20 |
| 160-53264-49  | 24020002-049     | Water  | 02/21/24 12:11 | 02/23/24 12:20 |
| 160-53264-50  | 24020002-050     | Water  | 02/20/24 10:15 | 02/23/24 12:20 |
| 160-53264-51  | 24020002-051     | Water  | 02/20/24 11:18 | 02/23/24 12:20 |
| 160-53264-52  | 24020002-052     | Water  | 02/20/24 12:13 | 02/23/24 12:20 |
| 160-53264-53  | 24020002-053     | Water  | 02/20/24 14:05 | 02/23/24 12:20 |
| 160-53264-54  | 24020002-054     | Water  | 02/21/24 15:03 | 02/23/24 12:20 |



# Sample Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND

Job ID: 160-53264-1  
SDG: 24020002

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 160-53264-55  | 24020002-055     | Water  | 02/21/24 09:03 | 02/23/24 12:20 |
| 160-53264-56  | 24020002-056     | Water  | 02/19/24 13:18 | 02/23/24 12:20 |
| 160-53264-57  | 24020002-057     | Water  | 02/19/24 12:03 | 02/23/24 12:20 |
| 160-53264-58  | 24020002-058     | Water  | 02/20/24 14:05 | 02/23/24 12:20 |
| 160-53264-59  | 24020002-059     | Water  | 02/21/24 14:58 | 02/23/24 12:20 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEEN POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-001**  
 Date Collected: 02/15/24 13:23  
 Date Received: 02/23/24 12:20

**Lab Sample ID: 160-53264-1**  
 Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.137  |           | 0.0852                      | 0.0861                      | 1.00 | 0.113 | pCi/L | 02/27/24 09:54 | 03/20/24 09:35 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.514  |           | 0.346                       | 0.349                       | 1.00 | 0.509 | pCi/L | 02/27/24 09:58 | 03/12/24 12:33 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:33 | 1       |
| Y Carrier  | 85.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:33 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.651  |           | 0.356                       | 0.359                       | 5.00 | 0.509 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-002**  
 Date Collected: 02/19/24 09:11  
 Date Received: 02/23/24 12:20

**Lab Sample ID: 160-53264-2**  
 Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0514 | U         | 0.0660                      | 0.0662                      | 1.00 | 0.110 | pCi/L | 02/27/24 09:54 | 03/20/24 09:36 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:36 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.342  | U         | 0.338                       | 0.340                       | 1.00 | 0.544 | pCi/L | 02/27/24 09:58 | 03/12/24 12:33 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:33 | 1       |
| Y Carrier  | 83.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:33 | 1       |

# Client Sample Results

845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-003**

**Lab Sample ID: 160-53264-3**

Date Collected: 02/19/24 11:09

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.181  | U         | 0.174                       | 0.174                       | 1.00 | 0.272 | pCi/L | 02/27/24 09:54 | 03/20/24 09:36 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 88.6   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:36 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|------|-------|----------------|----------------|---------|
| Radium-228 | 0.287  | U G       | 0.779                       | 0.780                       | 1.00 | 1.37 | pCi/L | 02/27/24 09:58 | 03/12/24 12:33 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |      |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 88.6   |           | 30 - 110                    |                             |      |      |       | 02/27/24 09:58 | 03/12/24 12:33 | 1       |
| Y Carrier  | 85.6   |           | 30 - 110                    |                             |      |      |       | 02/27/24 09:58 | 03/12/24 12:33 | 1       |

**Client Sample ID: 24020002-004**

**Lab Sample ID: 160-53264-4**

Date Collected: 02/19/24 10:09

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0396 | U         | 0.0692                      | 0.0693                      | 1.00 | 0.121 | pCi/L | 02/27/24 09:54 | 03/20/24 09:36 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:36 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.400  | U         | 0.313                       | 0.315                       | 1.00 | 0.480 | pCi/L | 02/27/24 09:58 | 03/12/24 12:33 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:33 | 1       |
| Y Carrier  | 84.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:33 | 1       |

**Client Sample ID: 24020002-005**

**Lab Sample ID: 160-53264-5**

Date Collected: 02/19/24 09:48

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0981 | U         | 0.106                       | 0.107                       | 1.00 | 0.171 | pCi/L | 02/27/24 09:54 | 03/20/24 09:36 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:36 | 1       |

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# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEEN POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-005**

**Lab Sample ID: 160-53264-5**

Date Collected: 02/19/24 09:48

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.254  | U         | 0.549                       | 0.550                       | 1.00 | 0.948 | pCi/L | 02/27/24 09:58 | 03/12/24 12:33 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:33 | 1       |
| Y Carrier  | 81.5   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:33 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.352  | U         | 0.559                       | 0.560                       | 5.00 | 0.948 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-006**

**Lab Sample ID: 160-53264-6**

Date Collected: 02/16/24 10:37

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0503 | U         | 0.123                       | 0.123                       | 1.00 | 0.222 | pCi/L | 02/27/24 09:54 | 03/20/24 09:34 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 73.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:34 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|------|-------|----------------|----------------|---------|
| Radium-228 | 0.325  | U G       | 0.676                       | 0.677                       | 1.00 | 1.17 | pCi/L | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |      |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 73.4   |           | 30 - 110                    |                             |      |      |       | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Y Carrier  | 81.1   |           | 30 - 110                    |                             |      |      |       | 02/27/24 09:58 | 03/12/24 12:27 | 1       |

**Client Sample ID: 24020002-007**

**Lab Sample ID: 160-53264-7**

Date Collected: 02/21/24 09:03

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.100  | U         | 0.0943                      | 0.0947                      | 1.00 | 0.144 | pCi/L | 02/27/24 09:54 | 03/20/24 09:35 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 89.3   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:35 | 1       |



# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEEN POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-007**

**Lab Sample ID: 160-53264-7**

Date Collected: 02/21/24 09:03

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.143  | U         | 0.507                       | 0.508                       | 1.00 | 0.901 | pCi/L | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 89.3   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Y Carrier  | 78.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:27 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.243  | U         | 0.516                       | 0.517                       | 5.00 | 0.901 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-008**

**Lab Sample ID: 160-53264-8**

Date Collected: 02/13/24 11:44

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0459 | U         | 0.0632                      | 0.0633                      | 1.00 | 0.107 | pCi/L | 02/27/24 09:54 | 03/20/24 09:35 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.454  | U         | 0.355                       | 0.358                       | 1.00 | 0.548 | pCi/L | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Y Carrier  | 83.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:27 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.500  | U         | 0.361                       | 0.364                       | 5.00 | 0.548 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-009**

**Lab Sample ID: 160-53264-9**

Date Collected: 02/16/24 09:31

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.113  | U         | 0.0867                      | 0.0873                      | 1.00 | 0.123 | pCi/L | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-009**

**Lab Sample ID: 160-53264-9**

Date Collected: 02/16/24 09:31

Matrix: Water

Date Received: 02/23/24 12:20

| Carrier    | %Yield | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|----------|----------------|----------------|---------|
| Ba Carrier | 103    |           | 30 - 110 | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.656  | U         | 0.445                       | 0.449                       | 1.00 | 0.669 | pCi/L | 02/27/24 09:58 | 03/12/24 12:27 | 1       |

| Carrier    | %Yield | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|----------|----------------|----------------|---------|
| Ba Carrier | 103    |           | 30 - 110 | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Y Carrier  | 85.2   |           | 30 - 110 | 02/27/24 09:58 | 03/12/24 12:27 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.769  |           | 0.453                       | 0.457                       | 5.00 | 0.669 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-010**

**Lab Sample ID: 160-53264-10**

Date Collected: 02/13/24 10:30

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.139  | U         | 0.122                       | 0.122                       | 1.00 | 0.186 | pCi/L | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

| Carrier    | %Yield | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|----------|----------------|----------------|---------|
| Ba Carrier | 94.4   |           | 30 - 110 | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.342  | U         | 0.431                       | 0.432                       | 1.00 | 0.716 | pCi/L | 02/27/24 09:58 | 03/12/24 12:27 | 1       |

| Carrier    | %Yield | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|----------|----------------|----------------|---------|
| Ba Carrier | 94.4   |           | 30 - 110 | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Y Carrier  | 85.2   |           | 30 - 110 | 02/27/24 09:58 | 03/12/24 12:27 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.481  | U         | 0.448                       | 0.449                       | 5.00 | 0.716 | pCi/L |          | 03/21/24 22:32 | 1       |

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-011**

**Lab Sample ID: 160-53264-11**

Date Collected: 02/14/24 10:17

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | 0.0653 | U         | 0.0621                      | 0.0623                      | 1.00 | 0.0951 | pCi/L | 02/27/24 09:54 | 03/20/24 09:35 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 102    |           | 30 - 110                    |                             |      |        |       | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.567  |           | 0.335                       | 0.339                       | 1.00 | 0.483 | pCi/L | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 102    |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Y Carrier  | 83.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:27 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.632  |           | 0.341                       | 0.345                       | 5.00 | 0.483 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-012**

**Lab Sample ID: 160-53264-12**

Date Collected: 02/14/24 09:55

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0893 | U         | 0.0980                      | 0.0983                      | 1.00 | 0.157 | pCi/L | 02/27/24 09:54 | 03/20/24 09:35 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 102    |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.173  | U         | 0.409                       | 0.409                       | 1.00 | 0.716 | pCi/L | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 102    |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:27 | 1       |
| Y Carrier  | 83.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:27 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.263  | U         | 0.421                       | 0.421                       | 5.00 | 0.716 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-013**

**Lab Sample ID: 160-53264-13**

Date Collected: 02/13/24 14:12

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | 0.231  |           | 0.0939                      | 0.0962                      | 1.00 | 0.0935 | pCi/L | 02/27/24 09:54 | 03/20/24 09:35 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.2   |           | 30 - 110                    |                             |      |        |       | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.789  |           | 0.403                       | 0.409                       | 1.00 | 0.563 | pCi/L | 02/27/24 09:58 | 03/12/24 12:28 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:28 | 1       |
| Y Carrier  | 81.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:28 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 1.02   |           | 0.414                       | 0.420                       | 5.00 | 0.563 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-014**

**Lab Sample ID: 160-53264-14**

Date Collected: 02/13/24 12:40

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.194  |           | 0.0938                      | 0.0954                      | 1.00 | 0.115 | pCi/L | 02/27/24 09:54 | 03/20/24 09:35 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101    |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.498  |           | 0.317                       | 0.320                       | 1.00 | 0.462 | pCi/L | 02/27/24 09:58 | 03/12/24 12:28 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101    |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:28 | 1       |
| Y Carrier  | 87.5   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:28 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.692  |           | 0.331                       | 0.334                       | 5.00 | 0.462 | pCi/L |          | 03/21/24 22:32 | 1       |

# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-015**

**Lab Sample ID: 160-53264-15**

Date Collected: 02/13/24 12:11

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0756 | U         | 0.118                       | 0.118                       | 1.00 | 0.202 | pCi/L | 02/27/24 09:54 | 03/20/24 09:35 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:54 | 03/20/24 09:35 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.346  | U         | 0.428                       | 0.429                       | 1.00 | 0.709 | pCi/L | 02/27/24 09:58 | 03/12/24 12:28 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:28 | 1       |
| Y Carrier  | 86.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:58 | 03/12/24 12:28 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.422  | U         | 0.444                       | 0.445                       | 5.00 | 0.709 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-016**

**Lab Sample ID: 160-53264-16**

Date Collected: 02/19/24 11:56

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0830 | U         | 0.0879                      | 0.0882                      | 1.00 | 0.138 | pCi/L | 02/27/24 09:59 | 03/20/24 15:01 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 102    |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:01 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.162  | U         | 0.482                       | 0.483                       | 1.00 | 0.855 | pCi/L | 02/27/24 10:01 | 03/15/24 12:09 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 102    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:09 | 1       |
| Y Carrier  | 67.3   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:09 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.245  | U         | 0.490                       | 0.491                       | 5.00 | 0.855 | pCi/L |          | 03/21/24 22:32 | 1       |

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-017**

**Lab Sample ID: 160-53264-17**

Date Collected: 02/19/24 12:20

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0535 | U         | 0.0660                      | 0.0662                      | 1.00 | 0.108 | pCi/L | 02/27/24 09:59 | 03/20/24 15:01 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:01 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.941  |           | 0.461                       | 0.469                       | 1.00 | 0.632 | pCi/L | 02/27/24 10:01 | 03/15/24 12:09 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:09 | 1       |
| Y Carrier  | 67.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:09 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.994  |           | 0.466                       | 0.474                       | 5.00 | 0.632 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-018**

**Lab Sample ID: 160-53264-18**

Date Collected: 02/19/24 13:18

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0891 | U         | 0.104                       | 0.104                       | 1.00 | 0.169 | pCi/L | 02/27/24 09:59 | 03/20/24 15:12 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:12 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.557  | U         | 0.494                       | 0.497                       | 1.00 | 0.781 | pCi/L | 02/27/24 10:01 | 03/15/24 12:09 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:09 | 1       |
| Y Carrier  | 77.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:09 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.646  | U         | 0.505                       | 0.508                       | 5.00 | 0.781 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-019**

**Lab Sample ID: 160-53264-19**

Date Collected: 02/19/24 14:21

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0508 | U         | 0.0742                      | 0.0743                      | 1.00 | 0.127 | pCi/L | 02/27/24 09:59 | 03/20/24 15:12 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101    |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:12 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result  | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|---------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | -0.0808 | U         | 0.251                       | 0.251                       | 1.00 | 0.497 | pCi/L | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101     |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Y Carrier  | 81.5    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.0508 | U         | 0.262                       | 0.262                       | 5.00 | 0.497 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-020**

**Lab Sample ID: 160-53264-20**

Date Collected: 02/19/24 14:05

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.336  |           | 0.160                       | 0.163                       | 1.00 | 0.193 | pCi/L | 02/27/24 09:59 | 03/20/24 15:12 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 88.3   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:12 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.524  | U         | 0.509                       | 0.511                       | 1.00 | 0.813 | pCi/L | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 88.3   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Y Carrier  | 73.6   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.859  |           | 0.534                       | 0.536                       | 5.00 | 0.813 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-021**

**Lab Sample ID: 160-53264-21**

Date Collected: 02/20/24 09:21

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 1.08   |           | 0.368                       | 0.380                       | 1.00 | 0.378 | pCi/L | 02/27/24 09:59 | 03/20/24 15:12 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 70.6   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:12 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|------|-------|----------------|----------------|---------|
| Radium-228 | 1.42   | G         | 0.908                       | 0.917                       | 1.00 | 1.33 | pCi/L | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |      |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 70.6   |           | 30 - 110                    |                             |      |      |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Y Carrier  | 80.4   |           | 30 - 110                    |                             |      |      |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|------|-------|----------|----------------|---------|
| Radium 226 and 228 | 2.50   |           | 0.980                       | 0.993                       | 5.00 | 1.33 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-022**

**Lab Sample ID: 160-53264-22**

Date Collected: 02/20/24 09:40

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.104  | U         | 0.0904                      | 0.0909                      | 1.00 | 0.138 | pCi/L | 02/27/24 09:59 | 03/20/24 15:12 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 102    |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:12 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.0448 | U         | 0.279                       | 0.279                       | 1.00 | 0.509 | pCi/L | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 102    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Y Carrier  | 81.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.149  | U         | 0.293                       | 0.293                       | 5.00 | 0.509 | pCi/L |          | 03/21/24 22:32 | 1       |



# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-023**

**Lab Sample ID: 160-53264-23**

Date Collected: 02/20/24 10:25

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0847 | U         | 0.0925                      | 0.0928                      | 1.00 | 0.149 | pCi/L | 02/27/24 09:59 | 03/20/24 15:13 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101    |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:13 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result   | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | -0.00428 | U         | 0.270                       | 0.270                       | 1.00 | 0.509 | pCi/L | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Carrier    | %Yield   | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101      |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Y Carrier  | 78.5     |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.0847 | U         | 0.285                       | 0.286                       | 5.00 | 0.509 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-024**

**Lab Sample ID: 160-53264-24**

Date Collected: 02/20/24 11:10

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.109  | U         | 0.158                       | 0.158                       | 1.00 | 0.270 | pCi/L | 02/27/24 09:59 | 03/20/24 15:13 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 81.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:13 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte           | Result      | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared       | Analyzed       | Dil Fac |
|-------------------|-------------|-----------|-----------------------------|-----------------------------|------|------|-------|----------------|----------------|---------|
| <b>Radium-228</b> | <b>1.77</b> | <b>G</b>  | 0.910                       | 0.925                       | 1.00 | 1.24 | pCi/L | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Carrier           | %Yield      | Qualifier | Limits                      |                             |      |      |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier        | 81.2        |           | 30 - 110                    |                             |      |      |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Y Carrier         | 74.0        |           | 30 - 110                    |                             |      |      |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte                   | Result      | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared | Analyzed       | Dil Fac |
|---------------------------|-------------|-----------|-----------------------------|-----------------------------|------|------|-------|----------|----------------|---------|
| <b>Radium 226 and 228</b> | <b>1.88</b> |           | 0.924                       | 0.938                       | 5.00 | 1.24 | pCi/L |          | 03/21/24 22:32 | 1       |

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
 SDG: 24020002

**Client Sample ID: 24020002-025**

**Lab Sample ID: 160-53264-25**

Date Collected: 02/15/24 14:22

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.254  | U         | 0.251                       | 0.252                       | 1.00 | 0.388 | pCi/L | 02/27/24 09:59 | 03/20/24 15:13 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 52.0   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:13 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|------|-------|----------------|----------------|---------|
| Radium-228 | 1.79   | U G       | 1.30                        | 1.31                        | 1.00 | 1.97 | pCi/L | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |      |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 52.0   |           | 30 - 110                    |                             |      |      |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |
| Y Carrier  | 81.9   |           | 30 - 110                    |                             |      |      |       | 02/27/24 10:01 | 03/15/24 12:10 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|------|-------|----------|----------------|---------|
| Radium 226 and 228 | 2.04   |           | 1.32                        | 1.33                        | 5.00 | 1.97 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-026**

**Lab Sample ID: 160-53264-26**

Date Collected: 02/21/24 10:11

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.223  |           | 0.107                       | 0.109                       | 1.00 | 0.122 | pCi/L | 02/27/24 09:59 | 03/20/24 15:13 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 89.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:13 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 1.02   |           | 0.435                       | 0.445                       | 1.00 | 0.567 | pCi/L | 02/27/24 10:01 | 03/15/24 12:11 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 89.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:11 | 1       |
| Y Carrier  | 81.5   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:11 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 1.24   |           | 0.448                       | 0.458                       | 5.00 | 0.567 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-027**

**Lab Sample ID: 160-53264-27**

Date Collected: 02/20/24 14:26

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0870 | U         | 0.103                       | 0.103                       | 1.00 | 0.169 | pCi/L | 02/27/24 09:59 | 03/20/24 15:13 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:13 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.689  | U         | 0.505                       | 0.509                       | 1.00 | 0.779 | pCi/L | 02/27/24 10:01 | 03/15/24 12:11 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:11 | 1       |
| Y Carrier  | 68.8   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:11 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.776  | U         | 0.515                       | 0.519                       | 5.00 | 0.779 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-028**

**Lab Sample ID: 160-53264-28**

Date Collected: 02/20/24 13:18

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte           | Result       | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|-------------------|--------------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| <b>Radium-226</b> | <b>0.363</b> |           | 0.144                       | 0.148                       | 1.00 | 0.149 | pCi/L | 02/27/24 09:59 | 03/20/24 15:13 | 1       |
| Carrier           | %Yield       | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier        | 100          |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:13 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte           | Result       | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|-------------------|--------------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| <b>Radium-228</b> | <b>0.680</b> |           | 0.439                       | 0.444                       | 1.00 | 0.644 | pCi/L | 02/27/24 10:01 | 03/15/24 12:11 | 1       |
| Carrier           | %Yield       | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier        | 100          |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:11 | 1       |
| Y Carrier         | 78.9         |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:11 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte                   | Result      | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|---------------------------|-------------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| <b>Radium 226 and 228</b> | <b>1.04</b> |           | 0.462                       | 0.468                       | 5.00 | 0.644 | pCi/L |          | 03/21/24 22:32 | 1       |

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-029**

**Lab Sample ID: 160-53264-29**

Date Collected: 02/19/24 12:03

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0195 | U         | 0.0950                      | 0.0950                      | 1.00 | 0.184 | pCi/L | 02/27/24 09:59 | 03/20/24 15:13 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:13 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | -0.186 | U         | 0.451                       | 0.451                       | 1.00 | 0.862 | pCi/L | 02/27/24 10:01 | 03/15/24 12:11 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:11 | 1       |
| Y Carrier  | 81.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:11 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.0195 | U         | 0.461                       | 0.461                       | 5.00 | 0.862 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-030**

**Lab Sample ID: 160-53264-30**

Date Collected: 02/19/24 13:27

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.158  |           | 0.108                       | 0.109                       | 1.00 | 0.143 | pCi/L | 02/27/24 09:59 | 03/20/24 15:14 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 96.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:14 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | -0.241 | U         | 0.389                       | 0.390                       | 1.00 | 0.779 | pCi/L | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 96.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Y Carrier  | 81.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.158  | U         | 0.404                       | 0.405                       | 5.00 | 0.779 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-031**

**Lab Sample ID: 160-53264-31**

Date Collected: 02/14/24 10:23

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0431 | U         | 0.0778                      | 0.0779                      | 1.00 | 0.137 | pCi/L | 02/27/24 09:59 | 03/20/24 15:14 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 97.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:14 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.249  | U         | 0.301                       | 0.302                       | 1.00 | 0.498 | pCi/L | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 97.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Y Carrier  | 83.0   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.292  | U         | 0.311                       | 0.312                       | 5.00 | 0.498 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-032**

**Lab Sample ID: 160-53264-32**

Date Collected: 02/19/24 14:56

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.106  | U         | 0.106                       | 0.107                       | 1.00 | 0.169 | pCi/L | 02/27/24 09:59 | 03/20/24 15:14 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.0   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:14 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result  | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|---------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | -0.0381 | U         | 0.270                       | 0.270                       | 1.00 | 0.513 | pCi/L | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.0    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Y Carrier  | 84.1    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.106  | U         | 0.290                       | 0.290                       | 5.00 | 0.513 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-033**

**Lab Sample ID: 160-53264-33**

Date Collected: 02/14/24 11:35

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0488 | U         | 0.0934                      | 0.0935                      | 1.00 | 0.165 | pCi/L | 02/27/24 09:59 | 03/20/24 15:14 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:14 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.223  | U         | 0.331                       | 0.332                       | 1.00 | 0.559 | pCi/L | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Y Carrier  | 78.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.272  | U         | 0.344                       | 0.345                       | 5.00 | 0.559 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-034**

**Lab Sample ID: 160-53264-34**

Date Collected: 02/14/24 14:58

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.306  | U         | 0.216                       | 0.218                       | 1.00 | 0.310 | pCi/L | 02/27/24 09:59 | 03/20/24 15:07 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 82.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:07 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|------|-------|----------------|----------------|---------|
| Radium-228 | 0.0757 | U G       | 0.603                       | 0.603                       | 1.00 | 1.11 | pCi/L | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |      |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 82.2   |           | 30 - 110                    |                             |      |      |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Y Carrier  | 85.2   |           | 30 - 110                    |                             |      |      |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.382  | U         | 0.641                       | 0.641                       | 5.00 | 1.11 | pCi/L |          | 03/21/24 22:32 | 1       |

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-035**

**Lab Sample ID: 160-53264-35**

Date Collected: 02/14/24 13:42

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.205  |           | 0.113                       | 0.115                       | 1.00 | 0.151 | pCi/L | 02/27/24 09:59 | 03/20/24 15:07 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 09:59 | 03/20/24 15:07 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.113  | U         | 0.314                       | 0.314                       | 1.00 | 0.555 | pCi/L | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |
| Y Carrier  | 82.6   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:01 | 03/15/24 12:04 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.318  | U         | 0.334                       | 0.334                       | 5.00 | 0.555 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-036**

**Lab Sample ID: 160-53264-36**

Date Collected: 02/16/24 10:04

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0476 | U         | 0.0930                      | 0.0931                      | 1.00 | 0.166 | pCi/L | 02/27/24 10:02 | 03/20/24 09:29 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 09:29 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result  | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|---------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | -0.0187 | U         | 0.471                       | 0.471                       | 1.00 | 0.892 | pCi/L | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.2    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Y Carrier  | 63.2    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.0476 | U         | 0.480                       | 0.480                       | 5.00 | 0.892 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-037**

**Lab Sample ID: 160-53264-37**

Date Collected: 02/19/24 11:24

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.102  | U         | 0.0796                      | 0.0801                      | 1.00 | 0.114 | pCi/L | 02/27/24 10:02 | 03/20/24 09:29 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 09:29 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.299  | U         | 0.410                       | 0.411                       | 1.00 | 0.688 | pCi/L | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Y Carrier  | 68.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.401  | U         | 0.418                       | 0.419                       | 5.00 | 0.688 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-038**

**Lab Sample ID: 160-53264-38**

Date Collected: 02/19/24 14:11

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | 0.0388 | U         | 0.0553                      | 0.0554                      | 1.00 | 0.0941 | pCi/L | 02/27/24 10:02 | 03/20/24 09:29 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.5   |           | 30 - 110                    |                             |      |        |       | 02/27/24 10:02 | 03/20/24 09:29 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.197  | U         | 0.305                       | 0.305                       | 1.00 | 0.518 | pCi/L | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.5   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Y Carrier  | 81.5   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.235  | U         | 0.310                       | 0.310                       | 5.00 | 0.518 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-039**

**Lab Sample ID: 160-53264-39**

Date Collected: 02/13/24 14:19

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0791 | U         | 0.0711                      | 0.0714                      | 1.00 | 0.107 | pCi/L | 02/27/24 10:02 | 03/20/24 09:29 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 100    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 09:29 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.260  | U         | 0.307                       | 0.308                       | 1.00 | 0.506 | pCi/L | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 100    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Y Carrier  | 79.6   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.339  | U         | 0.315                       | 0.316                       | 5.00 | 0.506 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-040**

**Lab Sample ID: 160-53264-40**

Date Collected: 02/13/24 13:11

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.270  |           | 0.130                       | 0.133                       | 1.00 | 0.152 | pCi/L | 02/27/24 10:02 | 03/20/24 09:30 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 09:30 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.111  | U         | 0.359                       | 0.360                       | 1.00 | 0.648 | pCi/L | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Y Carrier  | 83.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.381  | U         | 0.382                       | 0.384                       | 5.00 | 0.648 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-041**

**Lab Sample ID: 160-53264-41**

Date Collected: 02/13/24 12:20

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.810  |           | 0.201                       | 0.214                       | 1.00 | 0.131 | pCi/L | 02/27/24 10:02 | 03/20/24 09:30 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 09:30 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.800  |           | 0.499                       | 0.505                       | 1.00 | 0.736 | pCi/L | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |
| Y Carrier  | 84.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:22 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 1.61   |           | 0.538                       | 0.548                       | 5.00 | 0.736 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-042**

**Lab Sample ID: 160-53264-42**

Date Collected: 02/14/24 12:45

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | 0.0359 | U         | 0.0518                      | 0.0519                      | 1.00 | 0.0884 | pCi/L | 02/27/24 10:02 | 03/20/24 09:31 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.0   |           | 30 - 110                    |                             |      |        |       | 02/27/24 10:02 | 03/20/24 09:31 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.288  | U         | 0.335                       | 0.336                       | 1.00 | 0.551 | pCi/L | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.0   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Y Carrier  | 83.0   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.324  | U         | 0.339                       | 0.340                       | 5.00 | 0.551 | pCi/L |          | 03/21/24 22:32 | 1       |

# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-043**

**Lab Sample ID: 160-53264-43**

Date Collected: 02/13/24 11:31

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.131  | U         | 0.0994                      | 0.100                       | 1.00 | 0.140 | pCi/L | 02/27/24 10:02 | 03/20/24 09:31 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.5   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 09:31 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.727  |           | 0.457                       | 0.462                       | 1.00 | 0.670 | pCi/L | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.5   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Y Carrier  | 81.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.858  |           | 0.468                       | 0.473                       | 5.00 | 0.670 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-044**

**Lab Sample ID: 160-53264-44**

Date Collected: 02/21/24 12:46

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0626 | U         | 0.0729                      | 0.0731                      | 1.00 | 0.119 | pCi/L | 02/27/24 10:02 | 03/20/24 09:31 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 09:31 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.148  | U         | 0.277                       | 0.277                       | 1.00 | 0.481 | pCi/L | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Y Carrier  | 81.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.211  | U         | 0.286                       | 0.286                       | 5.00 | 0.481 | pCi/L |          | 03/21/24 22:32 | 1       |

# Client Sample Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-045**

**Lab Sample ID: 160-53264-45**

Date Collected: 02/21/24 13:44

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0955 | U         | 0.129                       | 0.129                       | 1.00 | 0.216 | pCi/L | 02/27/24 10:02 | 03/20/24 09:31 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 56.3   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 09:31 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|------|-------|----------------|----------------|---------|
| Radium-228 | 5.10   | G         | 1.24                        | 1.32                        | 1.00 | 1.30 | pCi/L | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |      |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 56.3   |           | 30 - 110                    |                             |      |      |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Y Carrier  | 81.9   |           | 30 - 110                    |                             |      |      |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC  | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|------|-------|----------|----------------|---------|
| Radium 226 and 228 | 5.19   |           | 1.25                        | 1.33                        | 5.00 | 1.30 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-046**

**Lab Sample ID: 160-53264-46**

Date Collected: 02/21/24 11:43

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0789 | U         | 0.0864                      | 0.0867                      | 1.00 | 0.137 | pCi/L | 02/27/24 10:02 | 03/20/24 09:31 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 09:31 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.251  | U         | 0.427                       | 0.428                       | 1.00 | 0.734 | pCi/L | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Y Carrier  | 81.5   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.330  | U         | 0.436                       | 0.437                       | 5.00 | 0.734 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-047**

**Lab Sample ID: 160-53264-47**

Date Collected: 02/21/24 10:37

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0931 | U         | 0.0996                      | 0.100                       | 1.00 | 0.160 | pCi/L | 02/27/24 10:02 | 03/20/24 09:42 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 09:42 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result  | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|---------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | -0.0478 | U         | 0.342                       | 0.342                       | 1.00 | 0.641 | pCi/L | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.7    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |
| Y Carrier  | 86.0    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:23 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.0931 | U         | 0.356                       | 0.356                       | 5.00 | 0.641 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-048**

**Lab Sample ID: 160-53264-48**

Date Collected: 02/21/24 11:09

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result  | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|---------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.00785 | U         | 0.0544                      | 0.0544                      | 1.00 | 0.109 | pCi/L | 02/27/24 10:02 | 03/20/24 14:59 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.5    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 14:59 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.227  | U         | 0.266                       | 0.267                       | 1.00 | 0.437 | pCi/L | 02/27/24 10:05 | 03/14/24 12:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.5   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:24 | 1       |
| Y Carrier  | 91.6   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:24 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.235  | U         | 0.272                       | 0.272                       | 5.00 | 0.437 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-049**

**Lab Sample ID: 160-53264-49**

Date Collected: 02/21/24 12:11

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0194 | U         | 0.0556                      | 0.0556                      | 1.00 | 0.106 | pCi/L | 02/27/24 10:02 | 03/20/24 14:59 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 96.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 14:59 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.467  | U         | 0.463                       | 0.465                       | 1.00 | 0.750 | pCi/L | 02/27/24 10:05 | 03/14/24 12:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 96.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:24 | 1       |
| Y Carrier  | 75.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:24 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.487  | U         | 0.466                       | 0.468                       | 5.00 | 0.750 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-050**

**Lab Sample ID: 160-53264-50**

Date Collected: 02/20/24 10:15

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0866 | U         | 0.0831                      | 0.0835                      | 1.00 | 0.129 | pCi/L | 02/27/24 10:02 | 03/20/24 14:59 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 90.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 14:59 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.557  | U         | 0.426                       | 0.429                       | 1.00 | 0.661 | pCi/L | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 90.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Y Carrier  | 78.1   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.644  | U         | 0.434                       | 0.437                       | 5.00 | 0.661 | pCi/L |          | 03/21/24 22:32 | 1       |

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-051**

**Lab Sample ID: 160-53264-51**

Date Collected: 02/20/24 11:18

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.171  |           | 0.100                       | 0.101                       | 1.00 | 0.122 | pCi/L | 02/27/24 10:02 | 03/20/24 15:00 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 15:00 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.180  | U         | 0.375                       | 0.375                       | 1.00 | 0.651 | pCi/L | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Y Carrier  | 89.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.352  | U         | 0.388                       | 0.388                       | 5.00 | 0.651 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-052**

**Lab Sample ID: 160-53264-52**

Date Collected: 02/20/24 12:13

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result  | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|---------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | -0.0218 | U         | 0.0441                      | 0.0441                      | 1.00 | 0.108 | pCi/L | 02/27/24 10:02 | 03/20/24 15:00 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.7    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 15:00 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result  | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|---------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | -0.0283 | U         | 0.248                       | 0.248                       | 1.00 | 0.476 | pCi/L | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.7    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Y Carrier  | 85.6    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.000  | U         | 0.252                       | 0.252                       | 5.00 | 0.476 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-053**

**Lab Sample ID: 160-53264-53**

Date Collected: 02/20/24 14:05

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0460 | U         | 0.0643                      | 0.0645                      | 1.00 | 0.109 | pCi/L | 02/27/24 10:02 | 03/20/24 15:00 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:02 | 03/20/24 15:00 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.328  | U         | 0.322                       | 0.323                       | 1.00 | 0.517 | pCi/L | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.2   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Y Carrier  | 87.5   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.374  | U         | 0.328                       | 0.329                       | 5.00 | 0.517 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-054**

**Lab Sample ID: 160-53264-54**

Date Collected: 02/21/24 15:03

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result  | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|---------|-----------|-----------------------------|-----------------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | -0.0161 | U         | 0.0346                      | 0.0346                      | 1.00 | 0.0923 | pCi/L | 02/27/24 10:02 | 03/20/24 15:01 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101     |           | 30 - 110                    |                             |      |        |       | 02/27/24 10:02 | 03/20/24 15:01 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.366  | U         | 0.325                       | 0.326                       | 1.00 | 0.513 | pCi/L | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Y Carrier  | 83.7   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.366  | U         | 0.327                       | 0.328                       | 5.00 | 0.513 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-055**

**Lab Sample ID: 160-53264-55**

Date Collected: 02/21/24 09:03

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | 0.113  |           | 0.0740                      | 0.0747                      | 1.00 | 0.0928 | pCi/L | 02/27/24 10:02 | 03/20/24 15:01 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.4   |           | 30 - 110                    |                             |      |        |       | 02/27/24 10:02 | 03/20/24 15:01 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.168  | U         | 0.318                       | 0.318                       | 1.00 | 0.552 | pCi/L | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |
| Y Carrier  | 79.6   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/14/24 12:17 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.281  | U         | 0.326                       | 0.327                       | 5.00 | 0.552 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-056**

**Lab Sample ID: 160-53264-56**

Date Collected: 02/19/24 13:18

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.116  | U         | 0.0824                      | 0.0830                      | 1.00 | 0.117 | pCi/L | 02/27/24 10:05 | 03/20/24 07:16 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.0   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/20/24 07:16 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.224  | U         | 0.304                       | 0.305                       | 1.00 | 0.509 | pCi/L | 02/27/24 10:09 | 03/13/24 12:12 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.0   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:09 | 03/13/24 12:12 | 1       |
| Y Carrier  | 81.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:09 | 03/13/24 12:12 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.340  | U         | 0.315                       | 0.316                       | 5.00 | 0.509 | pCi/L |          | 03/21/24 22:32 | 1       |

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# Client Sample Results

945 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Client Sample ID: 24020002-057**

**Lab Sample ID: 160-53264-57**

Date Collected: 02/19/24 12:03

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0631 | U         | 0.0662                      | 0.0664                      | 1.00 | 0.104 | pCi/L | 02/27/24 10:05 | 03/20/24 07:16 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.0   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/20/24 07:16 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.192  | U         | 0.318                       | 0.318                       | 1.00 | 0.542 | pCi/L | 02/27/24 10:09 | 03/13/24 12:12 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.0   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:09 | 03/13/24 12:12 | 1       |
| Y Carrier  | 86.4   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:09 | 03/13/24 12:12 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.255  | U         | 0.325                       | 0.325                       | 5.00 | 0.542 | pCi/L |          | 03/21/24 22:32 | 1       |

**Client Sample ID: 24020002-058**

**Lab Sample ID: 160-53264-58**

Date Collected: 02/20/24 14:05

Matrix: Water

Date Received: 02/23/24 12:20

**Method: EPA 903.0 - Radium-226 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.183  |           | 0.103                       | 0.105                       | 1.00 | 0.124 | pCi/L | 02/27/24 10:05 | 03/20/24 07:17 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/20/24 07:17 | 1       |

**Method: EPA 904.0 - Radium-228 (GFPC)**

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.106  | U         | 0.433                       | 0.433                       | 1.00 | 0.775 | pCi/L | 02/27/24 10:09 | 03/13/24 12:12 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:09 | 03/13/24 12:12 | 1       |
| Y Carrier  | 84.9   |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:09 | 03/13/24 12:12 | 1       |

**Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228**

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.290  | U         | 0.445                       | 0.446                       | 5.00 | 0.775 | pCi/L |          | 03/21/24 22:32 | 1       |

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 Job No: 845-104  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 24020002-059**

**Lab Sample ID: 160-53264-59**

Date Collected: 02/21/24 14:58

Matrix: Water

Date Received: 02/23/24 12:20

## Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | 0.0762 | U         | 0.0684                      | 0.0688                      | 1.00 | 0.103 | pCi/L | 02/27/24 10:05 | 03/20/24 07:17 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 102    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:05 | 03/20/24 07:17 | 1       |

## Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte    | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.218  | U         | 0.293                       | 0.294                       | 1.00 | 0.489 | pCi/L | 02/27/24 10:09 | 03/13/24 12:12 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 102    |           | 30 - 110                    |                             |      |       |       | 02/27/24 10:09 | 03/13/24 12:12 | 1       |
| Y Carrier  | 126    | X         | 30 - 110                    |                             |      |       |       | 02/27/24 10:09 | 03/13/24 12:12 | 1       |

## Method: TAL-STL Ra226\_Ra228 Pos - Combined Radium-226 and Radium-228

| Analyte            | Result | Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----------------------------|-----------------------------|------|-------|-------|----------|----------------|---------|
| Radium 226 and 228 | 0.294  | U         | 0.301                       | 0.302                       | 5.00 | 0.489 | pCi/L |          | 03/21/24 22:32 | 1       |

# QC Sample Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

## Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-649957/1-A  
 Matrix: Water  
 Analysis Batch: 653266

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 649957

| Analyte    | MB        |              | Count           | Total           | RL       | MDC      | Unit    | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------|-----------------|----------|----------|---------|----------------|----------------|---------|
|            | Result    | MB Qualifier | Uncert. (2σ+/-) | Uncert. (2σ+/-) |          |          |         |                |                |         |
| Radium-226 | 0.07810   | U            | 0.0845          | 0.0848          | 1.00     | 0.136    | pCi/L   | 02/27/24 09:54 | 03/20/24 07:35 | 1       |
| Carrier    | MB %Yield | MB Qualifier | Limits          |                 | Prepared | Analyzed | Dil Fac |                |                |         |
| Ba Carrier | 99.7      |              | 30 - 110        |                 |          |          |         | 02/27/24 09:54 | 03/20/24 07:35 | 1       |

Lab Sample ID: LCS 160-649957/2-A  
 Matrix: Water  
 Analysis Batch: 653266

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 649957

| Analyte    | Spike Added | LCS Result    | LCS Qual | Total           | RL       | MDC      | Unit    | %Rec           | %Rec Limits    |
|------------|-------------|---------------|----------|-----------------|----------|----------|---------|----------------|----------------|
|            |             |               |          | Uncert. (2σ+/-) |          |          |         |                |                |
| Radium-226 | 11.3        | 9.939         |          | 1.04            | 1.00     | 0.0956   | pCi/L   | 88             | 75 - 125       |
| Carrier    | LCS %Yield  | LCS Qualifier | Limits   |                 | Prepared | Analyzed | Dil Fac |                |                |
| Ba Carrier | 101         |               | 30 - 110 |                 |          |          |         | 02/27/24 09:54 | 03/20/24 07:35 |

Lab Sample ID: 160-53264-2 DU  
 Matrix: Water  
 Analysis Batch: 653266

Client Sample ID: 24020002-002  
 Prep Type: Total/NA  
 Prep Batch: 649957

| Analyte    | Sample    |              | DU       | DU   | Total           | RL       | MDC     | Unit           | RER            | RER Limit |
|------------|-----------|--------------|----------|------|-----------------|----------|---------|----------------|----------------|-----------|
|            | Result    | Sample Qual  | Result   | Qual | Uncert. (2σ+/-) |          |         |                |                |           |
| Radium-226 | 0.0514    | U            | 0.07438  | U    | 0.0744          | 1.00     | 0.116   | pCi/L          | 0.16           | 1         |
| Carrier    | DU %Yield | DU Qualifier | Limits   |      | Prepared        | Analyzed | Dil Fac |                |                |           |
| Ba Carrier | 96.2      |              | 30 - 110 |      |                 |          |         | 02/27/24 09:59 | 03/20/24 15:01 | 1         |

Lab Sample ID: MB 160-649959/1-A  
 Matrix: Water  
 Analysis Batch: 653196

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 649959

| Analyte    | MB        |              | Count           | Total           | RL       | MDC      | Unit    | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------|-----------------|----------|----------|---------|----------------|----------------|---------|
|            | Result    | MB Qualifier | Uncert. (2σ+/-) | Uncert. (2σ+/-) |          |          |         |                |                |         |
| Radium-226 | 0.01135   | U            | 0.0576          | 0.0576          | 1.00     | 0.115    | pCi/L   | 02/27/24 09:59 | 03/20/24 15:01 | 1       |
| Carrier    | MB %Yield | MB Qualifier | Limits          |                 | Prepared | Analyzed | Dil Fac |                |                |         |
| Ba Carrier | 96.7      |              | 30 - 110        |                 |          |          |         | 02/27/24 09:59 | 03/20/24 15:01 | 1       |

Lab Sample ID: LCS 160-649959/2-A  
 Matrix: Water  
 Analysis Batch: 653196

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 649959

| Analyte    | Spike Added | LCS Result | LCS Qual | Total           | RL   | MDC   | Unit  | %Rec | %Rec Limits |
|------------|-------------|------------|----------|-----------------|------|-------|-------|------|-------------|
|            |             |            |          | Uncert. (2σ+/-) |      |       |       |      |             |
| Radium-226 | 11.3        | 10.90      |          | 1.15            | 1.00 | 0.122 | pCi/L | 96   | 75 - 125    |

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# QC Sample Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

## Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-649959/2-A  
 Matrix: Water  
 Analysis Batch: 653196

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 649959

| Carrier    | LCS<br>%Yield | LCS<br>Qualifier | Limits   |
|------------|---------------|------------------|----------|
| Ba Carrier | 102           |                  | 30 - 110 |

Lab Sample ID: 160-53264-22 DU  
 Matrix: Water  
 Analysis Batch: 653266

Client Sample ID: 24020002-022  
 Prep Type: Total/NA  
 Prep Batch: 649959

| Analyte    | Sample<br>Result | Sample<br>Qual | DU<br>Result | DU<br>Qual | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | RER  | RER<br>Limit |
|------------|------------------|----------------|--------------|------------|-----------------------------|------|-------|-------|------|--------------|
| Radium-226 | 0.104            | U              | 0.05084      | U          | 0.0868                      | 1.00 | 0.151 | pCi/L | 0.30 | 1            |

  

| Carrier    | DU<br>%Yield | DU<br>Qualifier | Limits   |
|------------|--------------|-----------------|----------|
| Ba Carrier | 94.4         |                 | 30 - 110 |

Lab Sample ID: MB 160-649961/1-A  
 Matrix: Water  
 Analysis Batch: 653196

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 649961

| Analyte    | MB<br>Result | MB<br>Qualifier | Count<br>Uncert.<br>(2σ+/-) | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------------|-----------------|-----------------------------|-----------------------------|------|-------|-------|----------------|----------------|---------|
| Radium-226 | -0.02262     | U               | 0.0427                      | 0.0427                      | 1.00 | 0.105 | pCi/L | 02/27/24 10:02 | 03/20/24 09:28 | 1       |

  

| Carrier    | MB<br>%Yield | MB<br>Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------|--------------|-----------------|----------|----------------|----------------|---------|
| Ba Carrier | 106          |                 | 30 - 110 | 02/27/24 10:02 | 03/20/24 09:28 | 1       |

Lab Sample ID: LCS 160-649961/2-A  
 Matrix: Water  
 Analysis Batch: 653196

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 649961

| Analyte    | Spike<br>Added | LCS<br>Result | LCS<br>Qual | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec<br>Limits |
|------------|----------------|---------------|-------------|-----------------------------|------|-------|-------|------|----------------|
| Radium-226 | 11.3           | 10.33         |             | 1.09                        | 1.00 | 0.101 | pCi/L | 91   | 75 - 125       |

  

| Carrier    | LCS<br>%Yield | LCS<br>Qualifier | Limits   |
|------------|---------------|------------------|----------|
| Ba Carrier | 103           |                  | 30 - 110 |

Lab Sample ID: 160-53264-50 DU  
 Matrix: Water  
 Analysis Batch: 653196

Client Sample ID: 24020002-050  
 Prep Type: Total/NA  
 Prep Batch: 649961

| Analyte    | Sample<br>Result | Sample<br>Qual | DU<br>Result | DU<br>Qual | Total<br>Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | RER  | RER<br>Limit |
|------------|------------------|----------------|--------------|------------|-----------------------------|------|-------|-------|------|--------------|
| Radium-226 | 0.0866           | U              | -0.02167     | U          | 0.0454                      | 1.00 | 0.110 | pCi/L | 0.84 | 1            |

  

| Carrier    | DU<br>%Yield | DU<br>Qualifier | Limits   |
|------------|--------------|-----------------|----------|
| Ba Carrier | 96.7         |                 | 30 - 110 |

# QC Sample Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

## Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-649963/1-A  
 Matrix: Water  
 Analysis Batch: 653196

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 649963

| Analyte    | MB        | MB        | Count           | Total           | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|-----------|-----------------|-----------------|------|-------|-------|----------------|----------------|---------|
|            | Result    | Qualifier | Uncert. (2σ+/-) | Uncert. (2σ+/-) |      |       |       |                |                |         |
| Radium-226 | -0.007554 | U         | 0.0478          | 0.0478          | 1.00 | 0.105 | pCi/L | 02/27/24 10:05 | 03/20/24 07:16 | 1       |
| Carrier    | MB        | MB        | Limits          |                 |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | %Yield    | Qualifier |                 |                 |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.7      |           | 30 - 110        |                 |      |       |       | 02/27/24 10:05 | 03/20/24 07:16 | 1       |

Lab Sample ID: LCS 160-649963/2-A  
 Matrix: Water  
 Analysis Batch: 653196

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 649963

| Analyte    | Spike Added | LCS Result | LCS Qual | Total           | RL   | MDC    | Unit  | %Rec | %Rec Limits |
|------------|-------------|------------|----------|-----------------|------|--------|-------|------|-------------|
|            |             |            |          | Uncert. (2σ+/-) |      |        |       |      |             |
| Radium-226 | 11.3        | 10.23      |          | 1.08            | 1.00 | 0.0993 | pCi/L | 90   | 75 - 125    |
| Carrier    | LCS         | LCS        | Limits   |                 |      |        |       |      |             |
| Ba Carrier | %Yield      | Qualifier  |          |                 |      |        |       |      |             |
| Ba Carrier | 98.5        |            | 30 - 110 |                 |      |        |       |      |             |

Lab Sample ID: 160-53264-59 DU  
 Matrix: Water  
 Analysis Batch: 653196

Client Sample ID: 24020002-059  
 Prep Type: Total/NA  
 Prep Batch: 649963

| Analyte    | Sample | Sample    | DU       | DU   | Total           | RL   | MDC   | Unit  | RER  | RER   |
|------------|--------|-----------|----------|------|-----------------|------|-------|-------|------|-------|
|            | Result | Qual      | Result   | Qual | Uncert. (2σ+/-) |      |       |       |      | Limit |
| Radium-226 | 0.0762 | U         | -0.00074 | U    | 0.0492          | 1.00 | 0.104 | pCi/L | 0.65 | 1     |
| Carrier    | DU     | DU        | Limits   |      |                 |      |       |       |      |       |
| Ba Carrier | %Yield | Qualifier |          |      |                 |      |       |       |      |       |
| Ba Carrier | 103    |           | 30 - 110 |      |                 |      |       |       |      |       |

## Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-649958/1-A  
 Matrix: Water  
 Analysis Batch: 652091

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 649958

| Analyte    | MB     | MB        | Count           | Total           | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|--------|-----------|-----------------|-----------------|------|-------|-------|----------------|----------------|---------|
|            | Result | Qualifier | Uncert. (2σ+/-) | Uncert. (2σ+/-) |      |       |       |                |                |         |
| Radium-228 | 0.3189 | U         | 0.332           | 0.333           | 1.00 | 0.538 | pCi/L | 02/27/24 09:58 | 03/12/24 12:32 | 1       |
| Carrier    | MB     | MB        | Limits          |                 |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | %Yield | Qualifier |                 |                 |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.7   |           | 30 - 110        |                 |      |       |       | 02/27/24 09:58 | 03/12/24 12:32 | 1       |
| Y Carrier  | MB     | MB        | Limits          |                 |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Y Carrier  | %Yield | Qualifier |                 |                 |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Y Carrier  | 84.1   |           | 30 - 110        |                 |      |       |       | 02/27/24 09:58 | 03/12/24 12:32 | 1       |

# QC Sample Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

## Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-649958/2-A  
 Matrix: Water  
 Analysis Batch: 652091

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 649958

| Analyte  | Spike Added | LCS Result    | LCS Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits |     |         |            |               |        |            |     |  |          |           |      |  |          |
|--|-------------|---------------|----------|-----------------------|------|-------|-------|------|-------------|-----|---------|------------|---------------|--------|------------|-----|--|----------|-----------|------|--|----------|
|  |             |               |          |                       |      |       |       |      | 75          | 125 |         |            |               |        |            |     |  |          |           |      |  |          |
| Radium-228   | 9.13        | 10.00         |          | 1.33                  | 1.00 | 0.509 | pCi/L | 110  | 75          | 125 |         |            |               |        |            |     |  |          |           |      |  |          |
| <table border="1"> <thead> <tr> <th>Carrier</th> <th>LCS %Yield</th> <th>LCS Qualifier</th> <th>Limits</th> </tr> </thead> <tbody> <tr> <td>Ba Carrier</td> <td>101</td> <td></td> <td>30 - 110</td> </tr> <tr> <td>Y Carrier</td> <td>82.2</td> <td></td> <td>30 - 110</td> </tr> </tbody> </table> |             |               |          |                       |      |       |       |      |             |     | Carrier | LCS %Yield | LCS Qualifier | Limits | Ba Carrier | 101 |  | 30 - 110 | Y Carrier | 82.2 |  | 30 - 110 |
| Carrier  | LCS %Yield  | LCS Qualifier | Limits   |                       |      |       |       |      |             |     |         |            |               |        |            |     |  |          |           |      |  |          |
| Ba Carrier   | 101         |               | 30 - 110 |                       |      |       |       |      |             |     |         |            |               |        |            |     |  |          |           |      |  |          |
| Y Carrier  | 82.2        |               | 30 - 110 |                       |      |       |       |      |             |     |         |            |               |        |            |     |  |          |           |      |  |          |

Lab Sample ID: 160-53264-2 DU  
 Matrix: Water  
 Analysis Batch: 652091

Client Sample ID: 24020002-002  
 Prep Type: Total/NA  
 Prep Batch: 649958

| Analyte   | Sample Result | Sample Qual  | DU Result | DU Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | RER  | RER Limit |         |           |              |        |            |      |  |          |           |      |  |          |
|---|---------------|--------------|-----------|---------|-----------------------|------|-------|-------|------|-----------|---------|-----------|--------------|--------|------------|------|--|----------|-----------|------|--|----------|
|   |               |              |           |         |                       |      |       |       |      | 1         |         |           |              |        |            |      |  |          |           |      |  |          |
| Radium-228  | 0.342         | U            | 0.4988    | U       | 0.356                 | 1.00 | 0.531 | pCi/L | 0.23 | 1         |         |           |              |        |            |      |  |          |           |      |  |          |
| <table border="1"> <thead> <tr> <th>Carrier</th> <th>DU %Yield</th> <th>DU Qualifier</th> <th>Limits</th> </tr> </thead> <tbody> <tr> <td>Ba Carrier</td> <td>96.2</td> <td></td> <td>30 - 110</td> </tr> <tr> <td>Y Carrier</td> <td>84.5</td> <td></td> <td>30 - 110</td> </tr> </tbody> </table> |               |              |           |         |                       |      |       |       |      |           | Carrier | DU %Yield | DU Qualifier | Limits | Ba Carrier | 96.2 |  | 30 - 110 | Y Carrier | 84.5 |  | 30 - 110 |
| Carrier   | DU %Yield     | DU Qualifier | Limits    |         |                       |      |       |       |      |           |         |           |              |        |            |      |  |          |           |      |  |          |
| Ba Carrier  | 96.2          |              | 30 - 110  |         |                       |      |       |       |      |           |         |           |              |        |            |      |  |          |           |      |  |          |
| Y Carrier   | 84.5          |              | 30 - 110  |         |                       |      |       |       |      |           |         |           |              |        |            |      |  |          |           |      |  |          |

Lab Sample ID: MB 160-649960/1-A  
 Matrix: Water  
 Analysis Batch: 652700

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 649960

| Analyte  | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL             | MDC     | Unit  | Prepared       |                | Analyzed       |       | Dil Fac |         |           |              |        |          |          |         |            |      |  |          |                |                |   |           |      |  |          |                |                |   |
|--|-----------|--------------|-----------------------|-----------------------|----------------|---------|-------|----------------|----------------|----------------|-------|---------|---------|-----------|--------------|--------|----------|----------|---------|------------|------|--|----------|----------------|----------------|---|-----------|------|--|----------|----------------|----------------|---|
|  |           |              |                       |                       |                |         |       | 02/27/24 10:01 | 03/15/24 12:09 | 03/15/24 12:09 | 12:09 |         |         |           |              |        |          |          |         |            |      |  |          |                |                |   |           |      |  |          |                |                |   |
| Radium-228   | -0.3230   | U            | 0.260                 | 0.261                 | 1.00           | 0.570   | pCi/L | 02/27/24 10:01 | 03/15/24 12:09 | 03/15/24 12:09 | 12:09 | 1       |         |           |              |        |          |          |         |            |      |  |          |                |                |   |           |      |  |          |                |                |   |
| <table border="1"> <thead> <tr> <th>Carrier</th> <th>MB %Yield</th> <th>MB Qualifier</th> <th>Limits</th> <th>Prepared</th> <th>Analyzed</th> <th>Dil Fac</th> </tr> </thead> <tbody> <tr> <td>Ba Carrier</td> <td>96.7</td> <td></td> <td>30 - 110</td> <td>02/27/24 10:01</td> <td>03/15/24 12:09</td> <td>1</td> </tr> <tr> <td>Y Carrier</td> <td>82.6</td> <td></td> <td>30 - 110</td> <td>02/27/24 10:01</td> <td>03/15/24 12:09</td> <td>1</td> </tr> </tbody> </table> |           |              |                       |                       |                |         |       |                |                |                |       |         | Carrier | MB %Yield | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac | Ba Carrier | 96.7 |  | 30 - 110 | 02/27/24 10:01 | 03/15/24 12:09 | 1 | Y Carrier | 82.6 |  | 30 - 110 | 02/27/24 10:01 | 03/15/24 12:09 | 1 |
| Carrier  | MB %Yield | MB Qualifier | Limits                | Prepared              | Analyzed       | Dil Fac |       |                |                |                |       |         |         |           |              |        |          |          |         |            |      |  |          |                |                |   |           |      |  |          |                |                |   |
| Ba Carrier   | 96.7      |              | 30 - 110              | 02/27/24 10:01        | 03/15/24 12:09 | 1       |       |                |                |                |       |         |         |           |              |        |          |          |         |            |      |  |          |                |                |   |           |      |  |          |                |                |   |
| Y Carrier  | 82.6      |              | 30 - 110              | 02/27/24 10:01        | 03/15/24 12:09 | 1       |       |                |                |                |       |         |         |           |              |        |          |          |         |            |      |  |          |                |                |   |           |      |  |          |                |                |   |

Lab Sample ID: LCS 160-649960/2-A  
 Matrix: Water  
 Analysis Batch: 652700

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 649960

| Analyte  | Spike Added | LCS Result    | LCS Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits |     |         |            |               |        |            |     |  |          |           |      |  |          |
|--|-------------|---------------|----------|-----------------------|------|-------|-------|------|-------------|-----|---------|------------|---------------|--------|------------|-----|--|----------|-----------|------|--|----------|
|  |             |               |          |                       |      |       |       |      | 75          | 125 |         |            |               |        |            |     |  |          |           |      |  |          |
| Radium-228   | 9.12        | 9.604         |          | 1.29                  | 1.00 | 0.549 | pCi/L | 105  | 75          | 125 |         |            |               |        |            |     |  |          |           |      |  |          |
| <table border="1"> <thead> <tr> <th>Carrier</th> <th>LCS %Yield</th> <th>LCS Qualifier</th> <th>Limits</th> </tr> </thead> <tbody> <tr> <td>Ba Carrier</td> <td>102</td> <td></td> <td>30 - 110</td> </tr> <tr> <td>Y Carrier</td> <td>83.4</td> <td></td> <td>30 - 110</td> </tr> </tbody> </table> |             |               |          |                       |      |       |       |      |             |     | Carrier | LCS %Yield | LCS Qualifier | Limits | Ba Carrier | 102 |  | 30 - 110 | Y Carrier | 83.4 |  | 30 - 110 |
| Carrier  | LCS %Yield  | LCS Qualifier | Limits   |                       |      |       |       |      |             |     |         |            |               |        |            |     |  |          |           |      |  |          |
| Ba Carrier   | 102         |               | 30 - 110 |                       |      |       |       |      |             |     |         |            |               |        |            |     |  |          |           |      |  |          |
| Y Carrier  | 83.4        |               | 30 - 110 |                       |      |       |       |      |             |     |         |            |               |        |            |     |  |          |           |      |  |          |

# QC Sample Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND  
 Job ID: 160-53264-1  
 SDG: 24020002

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

## Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 160-53264-22 DU  
 Matrix: Water  
 Analysis Batch: 652700

Client Sample ID: 24020002-022  
 Prep Type: Total/NA  
 Prep Batch: 649960

| Analyte   | Sample | Sample    | DU       |      | Total           | RL   | MDC   | Unit  | RER  | Limit |         |        |           |        |            |      |  |          |           |      |  |          |
|---|--------|-----------|----------|------|-----------------|------|-------|-------|------|-------|---------|--------|-----------|--------|------------|------|--|----------|-----------|------|--|----------|
|   | Result | Qual      | Result   | Qual | Uncert. (2σ+/-) |      |       |       |      |       |         |        |           |        |            |      |  |          |           |      |  |          |
| Radium-228  | 0.0448 | U         | 0.1492   | U    | 0.350           | 1.00 | 0.613 | pCi/L | 0.17 | 1     |         |        |           |        |            |      |  |          |           |      |  |          |
| <table border="1"> <thead> <tr> <th>Carrier</th> <th>%Yield</th> <th>Qualifier</th> <th>Limits</th> </tr> </thead> <tbody> <tr> <td>Ba Carrier</td> <td>94.4</td> <td></td> <td>30 - 110</td> </tr> <tr> <td>Y Carrier</td> <td>75.5</td> <td></td> <td>30 - 110</td> </tr> </tbody> </table> |        |           |          |      |                 |      |       |       |      |       | Carrier | %Yield | Qualifier | Limits | Ba Carrier | 94.4 |  | 30 - 110 | Y Carrier | 75.5 |  | 30 - 110 |
| Carrier   | %Yield | Qualifier | Limits   |      |                 |      |       |       |      |       |         |        |           |        |            |      |  |          |           |      |  |          |
| Ba Carrier  | 94.4   |           | 30 - 110 |      |                 |      |       |       |      |       |         |        |           |        |            |      |  |          |           |      |  |          |
| Y Carrier   | 75.5   |           | 30 - 110 |      |                 |      |       |       |      |       |         |        |           |        |            |      |  |          |           |      |  |          |

Lab Sample ID: MB 160-649962/1-A  
 Matrix: Water  
 Analysis Batch: 652406

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 649962

| Analyte   | MB      | MB        | Count           | Total           | RL             | MDC     | Unit  | Prepared       | Analyzed       | Dil Fac |         |        |           |        |          |          |         |            |     |  |          |                |                |   |           |      |  |          |                |                |   |
|---|---------|-----------|-----------------|-----------------|----------------|---------|-------|----------------|----------------|---------|---------|--------|-----------|--------|----------|----------|---------|------------|-----|--|----------|----------------|----------------|---|-----------|------|--|----------|----------------|----------------|---|
|   | Result  | Qualifier | Uncert. (2σ+/-) | Uncert. (2σ+/-) |                |         |       |                |                |         |         |        |           |        |          |          |         |            |     |  |          |                |                |   |           |      |  |          |                |                |   |
| Radium-228  | -0.1231 | U         | 0.273           | 0.273           | 1.00           | 0.538   | pCi/L | 02/27/24 10:05 | 03/14/24 12:21 | 1       |         |        |           |        |          |          |         |            |     |  |          |                |                |   |           |      |  |          |                |                |   |
| <table border="1"> <thead> <tr> <th>Carrier</th> <th>%Yield</th> <th>Qualifier</th> <th>Limits</th> <th>Prepared</th> <th>Analyzed</th> <th>Dil Fac</th> </tr> </thead> <tbody> <tr> <td>Ba Carrier</td> <td>106</td> <td></td> <td>30 - 110</td> <td>02/27/24 10:05</td> <td>03/14/24 12:21</td> <td>1</td> </tr> <tr> <td>Y Carrier</td> <td>84.1</td> <td></td> <td>30 - 110</td> <td>02/27/24 10:05</td> <td>03/14/24 12:21</td> <td>1</td> </tr> </tbody> </table> |         |           |                 |                 |                |         |       |                |                |         | Carrier | %Yield | Qualifier | Limits | Prepared | Analyzed | Dil Fac | Ba Carrier | 106 |  | 30 - 110 | 02/27/24 10:05 | 03/14/24 12:21 | 1 | Y Carrier | 84.1 |  | 30 - 110 | 02/27/24 10:05 | 03/14/24 12:21 | 1 |
| Carrier   | %Yield  | Qualifier | Limits          | Prepared        | Analyzed       | Dil Fac |       |                |                |         |         |        |           |        |          |          |         |            |     |  |          |                |                |   |           |      |  |          |                |                |   |
| Ba Carrier  | 106     |           | 30 - 110        | 02/27/24 10:05  | 03/14/24 12:21 | 1       |       |                |                |         |         |        |           |        |          |          |         |            |     |  |          |                |                |   |           |      |  |          |                |                |   |
| Y Carrier   | 84.1    |           | 30 - 110        | 02/27/24 10:05  | 03/14/24 12:21 | 1       |       |                |                |         |         |        |           |        |          |          |         |            |     |  |          |                |                |   |           |      |  |          |                |                |   |

Lab Sample ID: LCS 160-649962/2-A  
 Matrix: Water  
 Analysis Batch: 652406

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 649962

| Analyte  | Spike Added | LCS       | LCS      | Total           | RL   | MDC   | Unit  | %Rec | %Rec Limits |  |         |        |           |        |            |     |  |          |           |      |  |          |
|--|-------------|-----------|----------|-----------------|------|-------|-------|------|-------------|--|---------|--------|-----------|--------|------------|-----|--|----------|-----------|------|--|----------|
|  |             | Result    | Qual     | Uncert. (2σ+/-) |      |       |       |      |             |  |         |        |           |        |            |     |  |          |           |      |  |          |
| Radium-228   | 9.12        | 9.830     |          | 1.31            | 1.00 | 0.538 | pCi/L | 108  | 75 - 125    |  |         |        |           |        |            |     |  |          |           |      |  |          |
| <table border="1"> <thead> <tr> <th>Carrier</th> <th>%Yield</th> <th>Qualifier</th> <th>Limits</th> </tr> </thead> <tbody> <tr> <td>Ba Carrier</td> <td>103</td> <td></td> <td>30 - 110</td> </tr> <tr> <td>Y Carrier</td> <td>82.2</td> <td></td> <td>30 - 110</td> </tr> </tbody> </table> |             |           |          |                 |      |       |       |      |             |  | Carrier | %Yield | Qualifier | Limits | Ba Carrier | 103 |  | 30 - 110 | Y Carrier | 82.2 |  | 30 - 110 |
| Carrier  | %Yield      | Qualifier | Limits   |                 |      |       |       |      |             |  |         |        |           |        |            |     |  |          |           |      |  |          |
| Ba Carrier   | 103         |           | 30 - 110 |                 |      |       |       |      |             |  |         |        |           |        |            |     |  |          |           |      |  |          |
| Y Carrier  | 82.2        |           | 30 - 110 |                 |      |       |       |      |             |  |         |        |           |        |            |     |  |          |           |      |  |          |

Lab Sample ID: 160-53264-50 DU  
 Matrix: Water  
 Analysis Batch: 652408

Client Sample ID: 24020002-050  
 Prep Type: Total/NA  
 Prep Batch: 649962

| Analyte   | Sample | Sample    | DU       |      | Total           | RL   | MDC   | Unit  | RER  | Limit |         |        |           |        |            |      |  |          |           |      |  |          |
|---|--------|-----------|----------|------|-----------------|------|-------|-------|------|-------|---------|--------|-----------|--------|------------|------|--|----------|-----------|------|--|----------|
|   | Result | Qual      | Result   | Qual | Uncert. (2σ+/-) |      |       |       |      |       |         |        |           |        |            |      |  |          |           |      |  |          |
| Radium-228  | 0.557  | U         | -0.04210 | U    | 0.280           | 1.00 | 0.537 | pCi/L | 0.85 | 1     |         |        |           |        |            |      |  |          |           |      |  |          |
| <table border="1"> <thead> <tr> <th>Carrier</th> <th>%Yield</th> <th>Qualifier</th> <th>Limits</th> </tr> </thead> <tbody> <tr> <td>Ba Carrier</td> <td>96.7</td> <td></td> <td>30 - 110</td> </tr> <tr> <td>Y Carrier</td> <td>79.6</td> <td></td> <td>30 - 110</td> </tr> </tbody> </table> |        |           |          |      |                 |      |       |       |      |       | Carrier | %Yield | Qualifier | Limits | Ba Carrier | 96.7 |  | 30 - 110 | Y Carrier | 79.6 |  | 30 - 110 |
| Carrier   | %Yield | Qualifier | Limits   |      |                 |      |       |       |      |       |         |        |           |        |            |      |  |          |           |      |  |          |
| Ba Carrier  | 96.7   |           | 30 - 110 |      |                 |      |       |       |      |       |         |        |           |        |            |      |  |          |           |      |  |          |
| Y Carrier   | 79.6   |           | 30 - 110 |      |                 |      |       |       |      |       |         |        |           |        |            |      |  |          |           |      |  |          |



# QC Sample Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

## Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-649964/1-A  
Matrix: Water  
Analysis Batch: 652315

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 649964

| Analyte    | MB        | MB           | Count           | Total           | RL             | MDC            | Unit    | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------|-----------------|----------------|----------------|---------|----------------|----------------|---------|
|            | Result    | Qualifier    | Uncert. (2σ+/-) | Uncert. (2σ+/-) |                |                |         |                |                |         |
| Radium-228 | 0.004376  | U            | 0.255           | 0.255           | 1.00           | 0.485          | pCi/L   | 02/27/24 10:09 | 03/13/24 12:42 | 1       |
| Carrier    | MB %Yield | MB Qualifier | Limits          |                 | Prepared       | Analyzed       | Dil Fac |                |                |         |
| Ba Carrier | 98.7      |              | 30 - 110        |                 | 02/27/24 10:09 | 03/13/24 12:42 | 1       |                |                |         |
| Y Carrier  | 86.7      |              | 30 - 110        |                 | 02/27/24 10:09 | 03/13/24 12:42 | 1       |                |                |         |

Lab Sample ID: LCS 160-649964/2-A  
Matrix: Water  
Analysis Batch: 652315

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 649964

| Analyte    | Spike Added | LCS Result    | LCS Qual | Total           | RL   | MDC   | Unit  | %Rec | %Rec Limits |
|------------|-------------|---------------|----------|-----------------|------|-------|-------|------|-------------|
|            |             |               |          | Uncert. (2σ+/-) |      |       |       |      |             |
| Radium-228 | 9.13        | 10.56         |          | 1.40            | 1.00 | 0.571 | pCi/L | 116  | 75 - 125    |
| Carrier    | LCS %Yield  | LCS Qualifier | Limits   |                 |      |       |       |      |             |
| Ba Carrier | 98.5        |               | 30 - 110 |                 |      |       |       |      |             |
| Y Carrier  | 84.9        |               | 30 - 110 |                 |      |       |       |      |             |

Lab Sample ID: 160-53264-59 DU  
Matrix: Water  
Analysis Batch: 652334

Client Sample ID: 24020002-059  
Prep Type: Total/NA  
Prep Batch: 649964

| Analyte    | Sample    | Sample       | DU       | DU   | Total           | RL   | MDC   | Unit  | RER  | RER   |
|------------|-----------|--------------|----------|------|-----------------|------|-------|-------|------|-------|
|            | Result    | Qual         | Result   | Qual | Uncert. (2σ+/-) |      |       |       |      | Limit |
| Radium-228 | 0.218     | U            | -0.3747  | U F  | 0.231           | 1.00 | 0.536 | pCi/L | 1.13 | 1     |
| Carrier    | DU %Yield | DU Qualifier | Limits   |      |                 |      |       |       |      |       |
| Ba Carrier | 103       |              | 30 - 110 |      |                 |      |       |       |      |       |
| Y Carrier  | 83.4      |              | 30 - 110 |      |                 |      |       |       |      |       |

# QC Association Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

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- 12

## Rad

### Prep Batch: 649957

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method     | Prep Batch |
|--------------------|--------------------|-----------|--------|------------|------------|
| 160-53264-1        | 24020002-001       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-2        | 24020002-002       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-3        | 24020002-003       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-4        | 24020002-004       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-5        | 24020002-005       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-6        | 24020002-006       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-7        | 24020002-007       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-8        | 24020002-008       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-9        | 24020002-009       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-10       | 24020002-010       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-11       | 24020002-011       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-12       | 24020002-012       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-13       | 24020002-013       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-14       | 24020002-014       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-15       | 24020002-015       | Total/NA  | Water  | PrecSep-21 |            |
| MB 160-649957/1-A  | Method Blank       | Total/NA  | Water  | PrecSep-21 |            |
| LCS 160-649957/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-2 DU     | 24020002-002       | Total/NA  | Water  | PrecSep-21 |            |

### Prep Batch: 649958

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|--------------------|--------------------|-----------|--------|-----------|------------|
| 160-53264-1        | 24020002-001       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-2        | 24020002-002       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-3        | 24020002-003       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-4        | 24020002-004       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-5        | 24020002-005       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-6        | 24020002-006       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-7        | 24020002-007       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-8        | 24020002-008       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-9        | 24020002-009       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-10       | 24020002-010       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-11       | 24020002-011       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-12       | 24020002-012       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-13       | 24020002-013       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-14       | 24020002-014       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-15       | 24020002-015       | Total/NA  | Water  | PrecSep_0 |            |
| MB 160-649958/1-A  | Method Blank       | Total/NA  | Water  | PrecSep_0 |            |
| LCS 160-649958/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-2 DU     | 24020002-002       | Total/NA  | Water  | PrecSep_0 |            |

### Prep Batch: 649959

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method     | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 160-53264-16  | 24020002-016     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-17  | 24020002-017     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-18  | 24020002-018     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-19  | 24020002-019     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-20  | 24020002-020     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-21  | 24020002-021     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-22  | 24020002-022     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-23  | 24020002-023     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-24  | 24020002-024     | Total/NA  | Water  | PrecSep-21 |            |

# QC Association Summary

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
 SDG: 24020002

## Rad (Continued)

### Prep Batch: 649959 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method     | Prep Batch |
|--------------------|--------------------|-----------|--------|------------|------------|
| 160-53264-25       | 24020002-025       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-26       | 24020002-026       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-27       | 24020002-027       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-28       | 24020002-028       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-29       | 24020002-029       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-30       | 24020002-030       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-31       | 24020002-031       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-32       | 24020002-032       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-33       | 24020002-033       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-34       | 24020002-034       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-35       | 24020002-035       | Total/NA  | Water  | PrecSep-21 |            |
| MB 160-649959/1-A  | Method Blank       | Total/NA  | Water  | PrecSep-21 |            |
| LCS 160-649959/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-22 DU    | 24020002-022       | Total/NA  | Water  | PrecSep-21 |            |

### Prep Batch: 649960

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|--------------------|--------------------|-----------|--------|-----------|------------|
| 160-53264-16       | 24020002-016       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-17       | 24020002-017       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-18       | 24020002-018       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-19       | 24020002-019       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-20       | 24020002-020       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-21       | 24020002-021       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-22       | 24020002-022       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-23       | 24020002-023       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-24       | 24020002-024       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-25       | 24020002-025       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-26       | 24020002-026       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-27       | 24020002-027       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-28       | 24020002-028       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-29       | 24020002-029       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-30       | 24020002-030       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-31       | 24020002-031       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-32       | 24020002-032       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-33       | 24020002-033       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-34       | 24020002-034       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-35       | 24020002-035       | Total/NA  | Water  | PrecSep_0 |            |
| MB 160-649960/1-A  | Method Blank       | Total/NA  | Water  | PrecSep_0 |            |
| LCS 160-649960/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-22 DU    | 24020002-022       | Total/NA  | Water  | PrecSep_0 |            |

### Prep Batch: 649961

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method     | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 160-53264-36  | 24020002-036     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-37  | 24020002-037     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-38  | 24020002-038     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-39  | 24020002-039     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-40  | 24020002-040     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-41  | 24020002-041     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-42  | 24020002-042     | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-43  | 24020002-043     | Total/NA  | Water  | PrecSep-21 |            |

Eurofins St. Louis

# QC Association Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

## Rad (Continued)

### Prep Batch: 649961 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method     | Prep Batch |
|--------------------|--------------------|-----------|--------|------------|------------|
| 160-53264-44       | 24020002-044       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-45       | 24020002-045       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-46       | 24020002-046       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-47       | 24020002-047       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-48       | 24020002-048       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-49       | 24020002-049       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-50       | 24020002-050       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-51       | 24020002-051       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-52       | 24020002-052       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-53       | 24020002-053       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-54       | 24020002-054       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-55       | 24020002-055       | Total/NA  | Water  | PrecSep-21 |            |
| MB 160-649961/1-A  | Method Blank       | Total/NA  | Water  | PrecSep-21 |            |
| LCS 160-649961/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-50 DU    | 24020002-050       | Total/NA  | Water  | PrecSep-21 |            |

### Prep Batch: 649962

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|--------------------|--------------------|-----------|--------|-----------|------------|
| 160-53264-36       | 24020002-036       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-37       | 24020002-037       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-38       | 24020002-038       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-39       | 24020002-039       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-40       | 24020002-040       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-41       | 24020002-041       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-42       | 24020002-042       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-43       | 24020002-043       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-44       | 24020002-044       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-45       | 24020002-045       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-46       | 24020002-046       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-47       | 24020002-047       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-48       | 24020002-048       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-49       | 24020002-049       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-50       | 24020002-050       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-51       | 24020002-051       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-52       | 24020002-052       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-53       | 24020002-053       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-54       | 24020002-054       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-55       | 24020002-055       | Total/NA  | Water  | PrecSep_0 |            |
| MB 160-649962/1-A  | Method Blank       | Total/NA  | Water  | PrecSep_0 |            |
| LCS 160-649962/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-50 DU    | 24020002-050       | Total/NA  | Water  | PrecSep_0 |            |

### Prep Batch: 649963

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method     | Prep Batch |
|--------------------|--------------------|-----------|--------|------------|------------|
| 160-53264-56       | 24020002-056       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-57       | 24020002-057       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-58       | 24020002-058       | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-59       | 24020002-059       | Total/NA  | Water  | PrecSep-21 |            |
| MB 160-649963/1-A  | Method Blank       | Total/NA  | Water  | PrecSep-21 |            |
| LCS 160-649963/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep-21 |            |
| 160-53264-59 DU    | 24020002-059       | Total/NA  | Water  | PrecSep-21 |            |

# QC Association Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEE POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

## Rad

### Prep Batch: 649964

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|--------------------|--------------------|-----------|--------|-----------|------------|
| 160-53264-56       | 24020002-056       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-57       | 24020002-057       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-58       | 24020002-058       | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-59       | 24020002-059       | Total/NA  | Water  | PrecSep_0 |            |
| MB 160-649964/1-A  | Method Blank       | Total/NA  | Water  | PrecSep_0 |            |
| LCS 160-649964/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep_0 |            |
| 160-53264-59 DU    | 24020002-059       | Total/NA  | Water  | PrecSep_0 |            |

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# Tracer/Carrier Summary

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 1, 2024  
 COFFEEN POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
 SDG: 24020002

**Method: 903.0 - Radium-226 (GFPC)**

**Matrix: Water**

**Prep Type: Total/NA**

|                 |                  | Percent Yield (Acceptance Limits) |          |
|-----------------|------------------|-----------------------------------|----------|
| Lab Sample ID   | Client Sample ID | Ba                                | (30-110) |
| 160-53264-1     | 24020002-001     | 91.1                              |          |
| 160-53264-2     | 24020002-002     | 98.7                              |          |
| 160-53264-2 DU  | 24020002-002     | 96.2                              |          |
| 160-53264-3     | 24020002-003     | 88.6                              |          |
| 160-53264-4     | 24020002-004     | 99.2                              |          |
| 160-53264-5     | 24020002-005     | 95.4                              |          |
| 160-53264-6     | 24020002-006     | 73.4                              |          |
| 160-53264-7     | 24020002-007     | 89.3                              |          |
| 160-53264-8     | 24020002-008     | 91.9                              |          |
| 160-53264-9     | 24020002-009     | 103                               |          |
| 160-53264-10    | 24020002-010     | 94.4                              |          |
| 160-53264-11    | 24020002-011     | 102                               |          |
| 160-53264-12    | 24020002-012     | 102                               |          |
| 160-53264-13    | 24020002-013     | 95.2                              |          |
| 160-53264-14    | 24020002-014     | 101                               |          |
| 160-53264-15    | 24020002-015     | 94.9                              |          |
| 160-53264-16    | 24020002-016     | 102                               |          |
| 160-53264-17    | 24020002-017     | 94.2                              |          |
| 160-53264-18    | 24020002-018     | 94.4                              |          |
| 160-53264-19    | 24020002-019     | 101                               |          |
| 160-53264-20    | 24020002-020     | 88.3                              |          |
| 160-53264-21    | 24020002-021     | 70.6                              |          |
| 160-53264-22    | 24020002-022     | 102                               |          |
| 160-53264-22 DU | 24020002-022     | 94.4                              |          |
| 160-53264-23    | 24020002-023     | 101                               |          |
| 160-53264-24    | 24020002-024     | 81.2                              |          |
| 160-53264-25    | 24020002-025     | 52.0                              |          |
| 160-53264-26    | 24020002-026     | 89.1                              |          |
| 160-53264-27    | 24020002-027     | 91.9                              |          |
| 160-53264-28    | 24020002-028     | 100                               |          |
| 160-53264-29    | 24020002-029     | 98.7                              |          |
| 160-53264-30    | 24020002-030     | 96.4                              |          |
| 160-53264-31    | 24020002-031     | 97.7                              |          |
| 160-53264-32    | 24020002-032     | 99.0                              |          |
| 160-53264-33    | 24020002-033     | 95.4                              |          |
| 160-53264-34    | 24020002-034     | 82.2                              |          |
| 160-53264-35    | 24020002-035     | 94.9                              |          |
| 160-53264-36    | 24020002-036     | 98.2                              |          |
| 160-53264-37    | 24020002-037     | 94.7                              |          |
| 160-53264-38    | 24020002-038     | 99.5                              |          |
| 160-53264-39    | 24020002-039     | 100                               |          |
| 160-53264-40    | 24020002-040     | 95.2                              |          |
| 160-53264-41    | 24020002-041     | 93.1                              |          |
| 160-53264-42    | 24020002-042     | 98.0                              |          |
| 160-53264-43    | 24020002-043     | 99.5                              |          |
| 160-53264-44    | 24020002-044     | 99.2                              |          |
| 160-53264-45    | 24020002-045     | 56.3                              |          |
| 160-53264-46    | 24020002-046     | 94.9                              |          |
| 160-53264-47    | 24020002-047     | 93.7                              |          |

# Tracer/Carrier Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

## Method: 903.0 - Radium-226 (GFPC) (Continued)

Matrix: Water

Prep Type: Total/NA

### Percent Yield (Acceptance Limits)

| Lab Sample ID      | Client Sample ID   | Ba<br>(30-110) |
|--------------------|--------------------|----------------|
| 160-53264-48       | 24020002-048       | 98.5           |
| 160-53264-49       | 24020002-049       | 96.4           |
| 160-53264-50       | 24020002-050       | 90.9           |
| 160-53264-50 DU    | 24020002-050       | 96.7           |
| 160-53264-51       | 24020002-051       | 101            |
| 160-53264-52       | 24020002-052       | 99.7           |
| 160-53264-53       | 24020002-053       | 99.2           |
| 160-53264-54       | 24020002-054       | 101            |
| 160-53264-55       | 24020002-055       | 91.4           |
| 160-53264-56       | 24020002-056       | 99.0           |
| 160-53264-57       | 24020002-057       | 99.0           |
| 160-53264-58       | 24020002-058       | 94.9           |
| 160-53264-59       | 24020002-059       | 102            |
| 160-53264-59 DU    | 24020002-059       | 103            |
| LCS 160-649957/2-A | Lab Control Sample | 101            |
| LCS 160-649959/2-A | Lab Control Sample | 102            |
| LCS 160-649961/2-A | Lab Control Sample | 103            |
| LCS 160-649963/2-A | Lab Control Sample | 98.5           |
| MB 160-649957/1-A  | Method Blank       | 99.7           |
| MB 160-649959/1-A  | Method Blank       | 96.7           |
| MB 160-649961/1-A  | Method Blank       | 106            |
| MB 160-649963/1-A  | Method Blank       | 98.7           |

#### 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<br>(30-110) | Y<br>(30-110) |
|----------------|------------------|----------------|---------------|
| 160-53264-1    | 24020002-001     | 91.1           | 85.2          |
| 160-53264-2    | 24020002-002     | 98.7           | 83.7          |
| 160-53264-2 DU | 24020002-002     | 96.2           | 84.5          |
| 160-53264-3    | 24020002-003     | 88.6           | 85.6          |
| 160-53264-4    | 24020002-004     | 99.2           | 84.1          |
| 160-53264-5    | 24020002-005     | 95.4           | 81.5          |
| 160-53264-6    | 24020002-006     | 73.4           | 81.1          |
| 160-53264-7    | 24020002-007     | 89.3           | 78.9          |
| 160-53264-8    | 24020002-008     | 91.9           | 83.7          |
| 160-53264-9    | 24020002-009     | 103            | 85.2          |
| 160-53264-10   | 24020002-010     | 94.4           | 85.2          |
| 160-53264-11   | 24020002-011     | 102            | 83.4          |
| 160-53264-12   | 24020002-012     | 102            | 83.4          |
| 160-53264-13   | 24020002-013     | 95.2           | 81.1          |
| 160-53264-14   | 24020002-014     | 101            | 87.5          |
| 160-53264-15   | 24020002-015     | 94.9           | 86.7          |
| 160-53264-16   | 24020002-016     | 102            | 67.3          |
| 160-53264-17   | 24020002-017     | 94.2           | 67.7          |
| 160-53264-18   | 24020002-018     | 94.4           | 77.4          |

Eurofins St. Louis

# Tracer/Carrier Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Method: 904.0 - Radium-228 (GFPC) (Continued)**

**Matrix: Water**

**Prep Type: Total/NA**

| Lab Sample ID      | Client Sample ID   | Percent Yield (Acceptance Limits) |               |
|--------------------|--------------------|-----------------------------------|---------------|
|                    |                    | Ba<br>(30-110)                    | Y<br>(30-110) |
| 160-53264-19       | 24020002-019       | 101                               | 81.5          |
| 160-53264-20       | 24020002-020       | 88.3                              | 73.6          |
| 160-53264-21       | 24020002-021       | 70.6                              | 80.4          |
| 160-53264-22       | 24020002-022       | 102                               | 81.1          |
| 160-53264-22 DU    | 24020002-022       | 94.4                              | 75.5          |
| 160-53264-23       | 24020002-023       | 101                               | 78.5          |
| 160-53264-24       | 24020002-024       | 81.2                              | 74.0          |
| 160-53264-25       | 24020002-025       | 52.0                              | 81.9          |
| 160-53264-26       | 24020002-026       | 89.1                              | 81.5          |
| 160-53264-27       | 24020002-027       | 91.9                              | 68.8          |
| 160-53264-28       | 24020002-028       | 100                               | 78.9          |
| 160-53264-29       | 24020002-029       | 98.7                              | 81.9          |
| 160-53264-30       | 24020002-030       | 96.4                              | 81.9          |
| 160-53264-31       | 24020002-031       | 97.7                              | 83.0          |
| 160-53264-32       | 24020002-032       | 99.0                              | 84.1          |
| 160-53264-33       | 24020002-033       | 95.4                              | 78.9          |
| 160-53264-34       | 24020002-034       | 82.2                              | 85.2          |
| 160-53264-35       | 24020002-035       | 94.9                              | 82.6          |
| 160-53264-36       | 24020002-036       | 98.2                              | 63.2          |
| 160-53264-37       | 24020002-037       | 94.7                              | 68.4          |
| 160-53264-38       | 24020002-038       | 99.5                              | 81.5          |
| 160-53264-39       | 24020002-039       | 100                               | 79.6          |
| 160-53264-40       | 24020002-040       | 95.2                              | 83.7          |
| 160-53264-41       | 24020002-041       | 93.1                              | 84.1          |
| 160-53264-42       | 24020002-042       | 98.0                              | 83.0          |
| 160-53264-43       | 24020002-043       | 99.5                              | 81.9          |
| 160-53264-44       | 24020002-044       | 99.2                              | 81.9          |
| 160-53264-45       | 24020002-045       | 56.3                              | 81.9          |
| 160-53264-46       | 24020002-046       | 94.9                              | 81.5          |
| 160-53264-47       | 24020002-047       | 93.7                              | 86.0          |
| 160-53264-48       | 24020002-048       | 98.5                              | 91.6          |
| 160-53264-49       | 24020002-049       | 96.4                              | 75.9          |
| 160-53264-50       | 24020002-050       | 90.9                              | 78.1          |
| 160-53264-50 DU    | 24020002-050       | 96.7                              | 79.6          |
| 160-53264-51       | 24020002-051       | 101                               | 89.7          |
| 160-53264-52       | 24020002-052       | 99.7                              | 85.6          |
| 160-53264-53       | 24020002-053       | 99.2                              | 87.5          |
| 160-53264-54       | 24020002-054       | 101                               | 83.7          |
| 160-53264-55       | 24020002-055       | 91.4                              | 79.6          |
| 160-53264-56       | 24020002-056       | 99.0                              | 81.9          |
| 160-53264-57       | 24020002-057       | 99.0                              | 86.4          |
| 160-53264-58       | 24020002-058       | 94.9                              | 84.9          |
| 160-53264-59       | 24020002-059       | 102                               | 126 X         |
| 160-53264-59 DU    | 24020002-059       | 103                               | 83.4          |
| LCS 160-649958/2-A | Lab Control Sample | 101                               | 82.2          |
| LCS 160-649960/2-A | Lab Control Sample | 102                               | 83.4          |
| LCS 160-649962/2-A | Lab Control Sample | 103                               | 82.2          |
| LCS 160-649964/2-A | Lab Control Sample | 98.5                              | 84.9          |
| MB 160-649958/1-A  | Method Blank       | 99.7                              | 84.1          |
| MB 160-649960/1-A  | Method Blank       | 96.7                              | 82.6          |



# Tracer/Carrier Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 1, 2024  
COFFEEN POWER PLANT, GMF RECYCLE POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-53264-1  
SDG: 24020002

**Method: 904.0 - Radium-228 (GFPC) (Continued)**

**Matrix: Water**

**Prep Type: Total/NA**

### Percent Yield (Acceptance Limits)

| Lab Sample ID     | Client Sample ID | Ba       | Y        |
|-------------------|------------------|----------|----------|
|                   |                  | (30-110) | (30-110) |
| MB 160-649962/1-A | Method Blank     | 106      | 84.1     |
| MB 160-649964/1-A | Method Blank     | 98.7     | 86.7     |

### Tracer/Carrier Legend

Ba = Ba Carrier  
Y = Y Carrier

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Site Samping Event: Coffeen 1Q24

LIMS Workorder: 24020001

Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary

Coffeen- 1Q 2024

| WO Sample | Well ID | Program/ Sample Type | Weather   |               |                |               | Well Condition |        |                  |                    |             |
|-----------|---------|----------------------|-----------|---------------|----------------|---------------|----------------|--------|------------------|--------------------|-------------|
|           |         |                      | Temp (°F) | Precipitation | Wind Direction | Sky           | Well Pad       | Casing | Protective Cover | Reference Mark/ ID | Well Locked |
| 001       | AP2D    | Groundwater Sample   | 66.0      | None          | N              | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 002       | G1001   | Groundwater Sample   | 46.0      | None          | N              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 003       | G1003   | Groundwater Sample   | 66.0      | None          | N              | Partly cloudy | Good           | Good   | Good             | Yes                | No          |
| 004       | G101    | Groundwater Sample   | 49.0      | None          | SE             | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 005       | G102    | Groundwater Sample   | 48.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 006       | G103    | Groundwater Sample   | 50.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 007       | G105    | Groundwater Sample   | 51.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 008       | G106    | Groundwater Sample   | 54.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 009       | G107    | Groundwater Sample   | 54.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 010       | G108    | Groundwater Sample   | 55.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 011       | G109    | Groundwater Sample   | 55.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 012       | G110    | Groundwater Sample   | 56.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 013       | G111    | Groundwater Sample   | 48.0      | None          | E              | Cloudy        | Good           | Good   | Good             | Yes                | Yes         |
| 014       | G119    | Groundwater Sample   | 48.0      | None          | SE             | Cloudy        | Good           | Good   | Good             | Yes                | Yes         |
| 015       | G120    | Groundwater Sample   | 48.0      | None          | SE             | Cloudy        | Good           | Good   | Good             | Yes                | Yes         |
| 016       | G121    | Groundwater Sample   | 48.0      | None          | SE             | Cloudy        | Good           | Good   | Good             | Yes                | Yes         |
| 017       | G122    | Groundwater Sample   | 48.0      | None          | SE             | Cloudy        | Good           | Good   | Good             | Yes                | Yes         |
| 018       | G123    | Groundwater Sample   | 48.0      | None          | SE             | Cloudy        | Good           | Good   | Good             | Yes                | Yes         |
| 019       | G124    | Groundwater Sample   | 49.0      | None          | SE             | Cloudy        | Good           | Good   | Good             | Yes                | Yes         |
| 020       | G125    | Groundwater Sample   | 49.0      | None          | SE             | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 021       | G126    | Groundwater Sample   | 50.0      | None          | S              | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 022       | G151    | Groundwater Sample   | 33.0      | None          | N              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 023       | G152    | Groundwater Sample   | 40.0      | None          | N              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 024       | G153    | Groundwater Sample   | 38.0      | None          | N              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 025       | G154    | Groundwater Sample   | 35.0      | None          | N              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 026       | G155    | Groundwater Sample   | 33.0      | None          | SW             | Cloudy        | Good           | Good   | Good             | Yes                | Yes         |
| 027       | G200    | Groundwater Sample   | 48.0      | None          | N              | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 028       | G206    | Groundwater Sample   | 47.0      | None          | NE             | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 029       | G206D   | Groundwater Sample   | 31.0      | Light         | SW             | Cloudy        | Good           | Good   | Good             | Yes                | Yes         |
| 030       | G207    | Groundwater Sample   | 46.0      | None          | N              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 031       | G208    | Groundwater Sample   | 43.0      | None          | SE             | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 032       | G209    | Groundwater Sample   | 42.0      | None          | SE             | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 033       | G210    | Groundwater Sample   | 40.0      | None          | E              | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 034       | G211    | Groundwater Sample   | 46.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 035       | G212    | Groundwater Sample   | 44.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 036       | G213    | Groundwater Sample   | 41.0      | None          | W              | Clear         | Good           | Good   | Good             | Yes                | Yes         |
| 037       | G214    | Groundwater Sample   | 52.0      | None          | E              | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 038       | G215    | Groundwater Sample   | 52.0      | None          | E              | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 039       | G216    | Groundwater Sample   | 51.0      | None          | NE             | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 040       | G217    | Groundwater Sample   | 50.0      | None          | NE             | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 041       | G218    | Groundwater Sample   | 48.0      | None          | NE             | Partly cloudy | Good           | Good   | Good             | Yes                | Yes         |
| 042       | G270    | Groundwater Sample   | 45.0      | None          | N              | Clear         | Good           | Good   | Good             | Yes                | Yes         |



Site Samping Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary  
 Coffeen- 1Q 2024

| WO Sample | Well ID | Program/ Sample Type | Weather   |               |                |               | Well Condition   |                  |                  |                    |             |
|-----------|---------|----------------------|-----------|---------------|----------------|---------------|------------------|------------------|------------------|--------------------|-------------|
|           |         |                      | Temp (°F) | Precipitation | Wind Direction | Sky           | Well Pad         | Casing           | Protective Cover | Reference Mark/ ID | Well Locked |
| 043       | G271    | Groundwater Sample   | 47.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 044       | G272    | Groundwater Sample   | 48.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 045       | G273    | Groundwater Sample   | 50.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 046       | G274    | Groundwater Sample   | 51.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 047       | G275    | Groundwater Sample   | 52.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 048       | G275D   | Groundwater Sample   | 52.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 049       | G276    | Groundwater Sample   | 40.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 050       | G277    | Groundwater Sample   | 43.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 051       | G278    | Groundwater Sample   | 40.0      | None          | N              | Cloudy        | Good             | Good             | Good             | Yes                | Yes         |
| 052       | G279    | Groundwater Sample   | 47.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 053       | G280    | Groundwater Sample   | 50.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 054       | G281    | Groundwater Sample   | 50.0      | None          | S              | Partly cloudy | Good             | Good             | Good             | Yes                | Yes         |
| 055       | G283    | Groundwater Sample   | 50.0      | None          | N              | Partly cloudy | Good             | Good             | Good             | Yes                | Yes         |
| 056       | G284    | Groundwater Sample   | 54.0      | None          | NW             | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 057       | G285    | Groundwater Sample   | 54.0      | None          | NW             | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 058       | G301    | Groundwater Sample   | 46.0      | None          | E              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 059       | G302    | Groundwater Sample   | 46.0      | None          | E              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 060       | G303    | Groundwater Sample   | 44.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 061       | G305    | Groundwater Sample   | 44.0      | None          | E              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 062       | G306    | Groundwater Sample   | 46.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 063       | G307    | Groundwater Sample   | 50.0      | None          | W              | Clear         | Good             | Damaged          | Good             | Yes                | No          |
| 064       | G307D   | Groundwater Sample   | 50.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 065       | G308    | Groundwater Sample   | 30.0      | Light         | NW             | Cloudy        | Good             | Good             | Good             | Yes                | Yes         |
| 066       | G310    | Groundwater Sample   | 46.0      | None          | E              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 067       | G312    | Groundwater Sample   | 46.0      | None          | E              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 068       | G313    | Groundwater Sample   | 45.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 069       | G314    | Groundwater Sample   | 45.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 070       | G314D   | Groundwater Sample   | 44.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 071       | G315    | Groundwater Sample   | 46.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 072       | G316    | Groundwater Sample   | 44.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 073       | G401    | Groundwater Sample   | 64.0      | None          | N              | Partly cloudy | Good             | Good             | Good             | Yes                | Yes         |
| 074       | G402    | Groundwater Sample   | 65.0      | None          | N              | Partly cloudy | Good             | Good             | Good             | Yes                | Yes         |
| 075       | G403    | Groundwater Sample   | 60.0      | None          | N              | Partly cloudy | Good             | Good             | Good             | Yes                | Yes         |
| 076       | G404    | Groundwater Sample   | 55.0      | None          | N              | Partly cloudy | Good             | Good             | Good             | Yes                | Yes         |
| 077       | G405    | Groundwater Sample   | 57.0      | None          | N              | Partly cloudy | Good             | Good             | Good             | Yes                | Yes         |
| 078       | G406    | Groundwater Sample   | 62.0      | None          | N              | Partly cloudy | Good             | Good             | Good             | Yes                | Yes         |
| 079       | G407    | Groundwater Sample   | 41.0      | None          | NW             | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 080       | G410    | Groundwater Sample   | 42.0      | None          | NW             | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 081       | G411    | Groundwater Sample   | 41.0      | None          | NW             | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 082       | L201    | Leachate Sample      | 56.0      | None          | N              | Partly cloudy | Other (see note) | Other (see note) | Other (see note) | Yes                | No          |
| 083       | L202    | Leachate Sample      | 56.0      | None          | N              | Partly cloudy | Other (see note) | Other (see note) | Other (see note) | Yes                | No          |
| 084       | L203    | Leachate Sample      | 56.0      | None          | N              | Partly cloudy | Other (see note) | Other (see note) | Other (see note) | Yes                | No          |



Site Sampling Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary  
 Coffeen- 1Q 2024

| WO Sample | Well ID           | Program/ Sample Type | Weather   |               |                |               | Well Condition   |                  |                  |                    |             |
|-----------|-------------------|----------------------|-----------|---------------|----------------|---------------|------------------|------------------|------------------|--------------------|-------------|
|           |                   |                      | Temp (°F) | Precipitation | Wind Direction | Sky           | Well Pad         | Casing           | Protective Cover | Reference Mark/ ID | Well Locked |
| 085       | NE Riser          | Leachate Sample      | 66.0      | None          | N              | Partly cloudy | Good             | Good             | Good             | Yes                | No          |
| 086       | R104              | Groundwater Sample   | 53.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 087       | R201              | Groundwater Sample   | 58.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 088       | R205              | Groundwater Sample   | 38.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 089       | SG-02             | DTW Only             | 42.0      | None          | N              | Clear         |                  |                  |                  |                    |             |
| 090       | SG-03             | DTW Only             | 42.0      | None          | N              | Clear         |                  |                  |                  |                    |             |
| 091       | T127              | Groundwater Sample   | 52.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 092       | T128              | Groundwater Sample   | 48.0      | None          | SW             | Cloudy        | Good             | Good             | Good             | Yes                | Yes         |
| 093       | X201              | Groundwater Sample   | 38.0      | None          | N              | Clear         | Other (see note) | Other (see note) | Other (see note) | Yes                | No          |
| 094       | XPW01             | Groundwater Sample   | 37.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | No          |
| 095       | XPW02             | Groundwater Sample   | 30.0      | Light         | E              | Cloudy        | Good             | Good             | Good             | Yes                | No          |
| 096       | XSG-01            | DTW Only             | 42.0      | None          | N              | Clear         |                  |                  |                  |                    |             |
| 097       | Field Blank       | QA/QC Sample         | 48.0      | None          | N              | Partly cloudy |                  |                  |                  |                    |             |
| 098       | G102 Duplicate    | QA/QC Sample         | 48.0      | None          | W              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 099       | G200 Duplicate    | QA/QC Sample         | 48.0      | None          | N              | Partly cloudy | Good             | Good             | Good             | Yes                | Yes         |
| 100       | G273 Duplicate    | QA/QC Sample         | 50.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 101       | G301 Duplicate    | QA/QC Sample         | 46.0      | None          | E              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 102       | R201 Duplicate    | QA/QC Sample         | 58.0      | None          | N              | Clear         | Good             | Good             | Good             | Yes                | Yes         |
| 103       | Equipment Blank 1 | QA/QC Sample         | 48.0      | None          | N              | Partly cloudy |                  |                  |                  |                    |             |

Site Samping Event: Coffeen 1Q24  
LIMS Workorder: 24020001  
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary  
Coffeen- 1Q 2024

| WO Sample | Well ID | GW Level Measurement |               |          |          | Purge Activities |            |                  |                |                  |                    |                          |                     |
|-----------|---------|----------------------|---------------|----------|----------|------------------|------------|------------------|----------------|------------------|--------------------|--------------------------|---------------------|
|           |         | Sampler Initials     | Date/Time     | DTW (ft) | DTB (ft) | Sampler Initials | Purge Date | Purge Start Time | Purge End Time | Purging Device   | Well Diameter (in) | Actual Volume Purged (L) | Purge Rate (mL/min) |
| 001       | AP2D    | JC                   | 2/21/24 14:34 | 20.34    | 35.43    | JC               | 2/21/2024  | 14:35            | 14:54          | Submersible Pump | 2"                 | 9.0                      | 473.7               |
| 002       | G1001   | DC                   | 2/15/24 12:59 | 6.31     | 13.79    | TAC              | 2/15/2024  | 13:01            | 13:23          | Peristaltic Pump | 2"                 | 4.5                      | 204.5               |
| 003       | G1003   | JC                   | 2/21/24 14:01 | 11.15    | 14.79    | JC               | 2/21/2024  | N/A              | N/A            | Submersible Pump | 2"                 | N/A                      | N/A                 |
| 004       | G101    | JC                   | 2/15/24 12:28 | 9.69     | 24.30    | JC               | 2/15/2024  | 12:28            | 13:03          | Bladder Pump     | 2"                 | 5.0                      | 142.9               |
| 005       | G102    | JC                   | 2/14/24 10:57 | 8.81     | 20.00    | JC               | 2/14/2024  | 10:58            | 11:13          | Bladder Pump     | 2"                 | 3.5                      | 233.3               |
| 006       | G103    | JC                   | 2/14/24 11:34 | 11.96    | 26.90    | JC               | 2/14/2024  | 11:35            | 11:50          | Bladder Pump     | 2"                 | 3.0                      | 200.0               |
| 007       | G105    | JC                   | 2/14/24 12:01 | 9.32     | 27.70    | JC               | 2/14/2024  | 12:02            | 12:13          | Bladder Pump     | 2"                 | 2.0                      | 181.8               |
| 008       | G106    | JC                   | 2/14/24 12:47 | 10.02    | 25.60    | JC               | 2/14/2024  | 12:48            | 12:58          | Bladder Pump     | 2"                 | 2.0                      | 200.0               |
| 009       | G107    | JC                   | 2/14/24 13:07 | 10.52    | 22.70    | JC               | 2/14/2024  | 13:08            | 13:30          | Bladder Pump     | 2"                 | 3.5                      | 159.1               |
| 010       | G108    | JC                   | 2/14/24 13:37 | 11.43    | 26.60    | JC               | 2/14/2024  | 13:38            | 13:47          | Bladder Pump     | 2"                 | 2.0                      | 222.2               |
| 011       | G109    | JC                   | 2/14/24 13:56 | 11.90    | 26.30    | JC               | 2/14/2024  | 13:56            | 14:05          | Bladder Pump     | 2"                 | 2.0                      | 222.2               |
| 012       | G110    | JC                   | 2/14/24 14:12 | 12.76    | 27.50    | JC               | 2/14/2024  | 14:12            | 14:21          | Bladder Pump     | 2"                 | 2.0                      | 222.2               |
| 013       | G111    | JC                   | 2/15/24 8:52  | 14.03    | 24.30    | JC               | 2/15/2024  | 08:54            | 09:03          | Bladder Pump     | 2"                 | 1.5                      | 166.7               |
| 014       | G119    | JC                   | 2/15/24 9:37  | 15.40    | 27.40    | JC               | 2/15/2024  | 09:38            | 09:47          | Bladder Pump     | 2"                 | 1.5                      | 166.7               |
| 015       | G120    | JC                   | 2/15/24 9:54  | 15.84    | 26.70    | JC               | 2/15/2024  | 09:55            | 10:04          | Bladder Pump     | 2"                 | 2.0                      | 222.2               |
| 016       | G121    | JC                   | 2/15/24 10:22 | 17.34    | 29.10    | JC               | 2/15/2024  | 10:23            | 10:40          | Bladder Pump     | 2"                 | 3.0                      | 176.5               |
| 017       | G122    | JC                   | 2/15/24 10:52 | 17.96    | 26.50    | JC               | 2/15/2024  | 10:53            | 11:05          | Bladder Pump     | 2"                 | 2.0                      | 166.7               |
| 018       | G123    | JC                   | 2/15/24 11:20 | 16.60    | 30.90    | JC               | 2/15/2024  | 11:22            | 11:31          | Bladder Pump     | 2"                 | 1.5                      | 166.7               |
| 019       | G124    | JC                   | 2/15/24 11:44 | 17.42    | 26.70    | JC               | 2/15/2024  | 11:44            | 11:53          | Bladder Pump     | 2"                 | 1.5                      | 166.7               |
| 020       | G125    | JC                   | 2/15/24 12:05 | 17.39    | 26.70    | JC               | 2/15/2024  | 12:06            | 12:19          | Bladder Pump     | 2"                 | 2.0                      | 153.8               |
| 021       | G126    | JC                   | 2/15/24 13:13 | 10.55    | 20.40    | JC               | 2/15/2024  | 13:13            | 13:22          | Bladder Pump     | 2"                 | 1.5                      | 166.7               |
| 022       | G151    | JC                   | 2/19/24 8:58  | 12.13    | 23.60    | JC               | 2/19/2024  | 09:00            | 09:11          | Bladder Pump     | 2"                 | 3.0                      | 272.7               |
| 023       | G152    | JC                   | 2/19/24 10:21 | 11.14    | 22.00    | JC               | 2/19/2024  | 10:27            | 11:09          | Submersible Pump | 2"                 | 13.0                     | 309.5               |
| 024       | G153    | JC                   | 2/19/24 9:59  | 13.73    | 23.90    | JC               | 2/19/2024  | 09:59            | 10:09          | Bladder Pump     | 2"                 | 2.5                      | 250.0               |
| 025       | G154    | JC                   | 2/19/24 9:29  | 13.36    | 22.80    | JC               | 2/19/2024  | 09:29            | 09:48          | Bladder Pump     | 2"                 | 4.5                      | 236.8               |
| 026       | G155    | JC                   | 2/16/24 9:56  | 13.42    | 26.20    | JC               | 2/16/2024  | 09:56            | 10:37          | Bladder Pump     | 2"                 | 6.0                      | 146.3               |
| 027       | G200    | JC                   | 2/21/24 8:47  | 5.62     | 20.70    | JC               | 2/21/2024  | 08:48            | 09:03          | Submersible Pump | 2"                 | 4.5                      | 300.0               |
| 028       | G206    | BG                   | 2/13/24 11:35 | 11.50    | 26.30    | BG               | 2/13/2024  | 11:35            | 11:44          | Bladder Pump     | 2"                 | 2.5                      | 277.8               |
| 029       | G206D   | JC                   | 2/16/24 9:22  | 29.30    |          | JC               | 2/16/2024  | 09:22            | 09:31          | Bladder Pump     | 2"                 | 2.0                      | 222.2               |
| 030       | G207    | DC                   | 2/15/24 11:26 | 11.50    | 26.60    | DC               | 2/15/2024  | 11:27            | 11:55          | Peristaltic Pump | 2"                 | 6.0                      | 214.3               |
| 031       | G208    | BG                   | 2/13/24 10:45 | 10.80    | 26.60    | BG               | 2/13/2024  | 10:45            | 11:00          | Bladder Pump     | 2"                 | 2.5                      | 166.7               |
| 032       | G209    | BG                   | 2/13/24 10:10 | 10.59    | 25.50    | BG               | 2/13/2024  | 10:11            | 10:30          | Bladder Pump     | 2"                 | 2.6                      | 136.8               |
| 033       | G210    | BG                   | 2/13/24 9:30  | 11.71    | 25.00    | BG               | 2/13/2024  | 09:30            | 09:48          | Bladder Pump     | 2"                 | 3.0                      | 166.7               |
| 034       | G211    | JC                   | 2/14/24 10:29 | 12.50    | 26.30    | JC               | 2/14/2024  | 10:29            | 10:46          | Bladder Pump     | 2"                 | 3.0                      | 176.5               |
| 035       | G212    | JC                   | 2/14/24 10:06 | 12.95    | 26.30    | JC               | 2/14/2024  | 10:07            | 10:17          | Bladder Pump     | 2"                 | 2.5                      | 250.0               |
| 036       | G213    | JC                   | 2/14/24 9:30  | 13.23    | 26.50    | JC               | 2/14/2024  | 09:31            | 09:55          | Bladder Pump     | 2"                 | 4.0                      | 166.7               |
| 037       | G214    | BG                   | 2/13/24 14:22 | 16.06    | 26.50    | BG               | 2/13/2024  | 14:22            | 14:37          | Bladder Pump     | 2"                 | 2.0                      | 133.3               |
| 038       | G215    | BG                   | 2/13/24 13:49 | 15.60    | 26.90    | BG               | 2/13/2024  | 13:49            | 14:12          | Bladder Pump     | 2"                 | 3.0                      | 130.4               |
| 039       | G216    | BG                   | 2/13/24 12:52 | 14.88    | 28.50    | BG               | 2/13/2024  | 12:52            | 13:40          | Bladder Pump     | 2"                 | 12.0                     | 250.0               |
| 040       | G217    | BG                   | 2/13/24 12:24 | 16.17    | 28.40    | BG               | 2/13/2024  | 00:12            | 12:40          | Bladder Pump     | 2"                 | 2.0                      | 2.7                 |
| 041       | G218    | BG                   | 2/13/24 12:01 | 15.07    | 28.50    | BG               | 2/13/2024  | 12:01            | 12:11          | Bladder Pump     | 2"                 | 2.5                      | 250.0               |
| 042       | G270    | JC                   | 2/19/24 11:28 | 2.86     | 20.40    | JC               | 2/19/2024  | 11:29            | 11:56          | Bladder Pump     | 2"                 | 4.0                      | 148.1               |



Site Samping Event: Coffeen 1Q24  
LIMS Workorder: 24020001  
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary  
Coffeen- 1Q 2024

| WO Sample | Well ID | GW Level Measurement |               |          |          | Purge Activities |            |                  |                |                  |                    |                          |                     |
|-----------|---------|----------------------|---------------|----------|----------|------------------|------------|------------------|----------------|------------------|--------------------|--------------------------|---------------------|
|           |         | Sampler Initials     | Date/Time     | DTW (ft) | DTB (ft) | Sampler Initials | Purge Date | Purge Start Time | Purge End Time | Purging Device   | Well Diameter (in) | Actual Volume Purged (L) | Purge Rate (mL/min) |
| 043       | G271    | JC                   | 2/19/24 12:10 | 11.05    | 18.70    | JC               | 2/19/2024  | 12:11            | 12:20          | Bladder Pump     | 2"                 | 1.5                      | 166.7               |
| 044       | G272    | JC                   | 2/19/24 12:30 | 10.25    | 17.40    | JC               | 2/19/2024  | 12:31            | 12:51          | Bladder Pump     | 2"                 | 3.0                      | 150.0               |
| 045       | G273    | JC                   | 2/19/24 13:03 | 10.95    | 18.90    | JC               | 2/19/2024  | 13:03            | 13:18          | Bladder Pump     | 2"                 | 3.0                      | 200.0               |
| 046       | G274    | JC                   | 2/19/24 13:35 | 14.33    | 20.40    | JC               | 2/19/2024  | 13:36            | 13:45          | Bladder Pump     | 2"                 | 2.0                      | 222.2               |
| 047       | G275    | JC                   | 2/19/24 14:07 | 13.35    | 15.30    | JC               | 2/19/2024  | 14:14            | 14:21          | Bladder Pump     | 2"                 | 1.0                      | 142.9               |
| 048       | G275D   | JC                   | 2/19/24 13:54 | 38.99    | 62.70    | JC               | 2/19/2024  | 13:55            | 14:05          | Bladder Pump     | 2"                 | 2.0                      | 200.0               |
| 049       | G276    | JC                   | 2/20/24 8:57  | 27.70    | 30.90    | JC               | 2/20/2024  | 09:06            | 09:21          | Submersible Pump | 2"                 | 4.0                      | 266.7               |
| 050       | G277    | JC                   | 2/20/24 9:30  | 20.26    | 22.30    | JC               | 2/20/2024  | 09:31            | 09:40          | Bladder Pump     | 2"                 | 1.0                      | 111.1               |
| 051       | G278    | TAC                  | 2/15/24 10:34 | 25.14    | 26.40    | TAC              | 2/15/2024  | 10:37            | 11:03          | Peristaltic Pump | 2"                 | 3.0                      | 115.4               |
| 052       | G279    | JC                   | 2/20/24 10:15 | 24.63    | 30.80    | JC               | 2/20/2024  | 10:16            | 10:25          | Bladder Pump     | 2"                 | 1.0                      | 111.1               |
| 053       | G280    | JC                   | 2/20/24 10:50 | 6.40     | 20.20    | JC               | 2/20/2024  | 10:51            | 11:10          | Bladder Pump     | 2"                 | 3.0                      | 157.9               |
| 054       | G281    | JC                   | 2/15/24 13:47 | 5.91     | 22.80    | JC               | 2/15/2024  | 13:48            | 14:22          | Bladder Pump     | 2"                 | 6.0                      | 176.5               |
| 055       | G283    | JC                   | 2/21/24 9:32  | 5.30     | 20.80    | JC               | 2/21/2024  | 09:32            | 10:11          | Bladder Pump     | 2"                 | 5.0                      | 128.2               |
| 056       | G284    | DC                   | 2/20/24 13:52 | 11.77    | 16.30    | DC               | 2/20/2024  | 13:54            | 14:26          | Bladder Pump     | 2"                 | 5.0                      | 156.3               |
| 057       | G285    | DC                   | 2/20/24 12:49 | 6.65     | 26.80    | DC               | 2/20/2024  | 12:51            | 13:18          | Bladder Pump     | 2"                 | 3.0                      | 111.1               |
| 058       | G301    | DC                   | 2/19/24 11:44 | 6.95     | 18.60    | DC               | 2/19/2024  | 11:44            | 12:03          | Bladder Pump     | 2"                 | 5.0                      | 263.2               |
| 059       | G302    | DC                   | 2/19/24 12:44 | 9.55     | 20.50    | DC               | 2/19/2024  | 12:45            | 13:27          | Bladder Pump     | 2"                 | 8.0                      | 190.5               |
| 060       | G303    | TAC                  | 2/14/24 9:54  | 5.72     | 23.30    | DC               | 2/14/2024  | 09:55            | 10:23          | Bladder Pump     | 2"                 | 4.0                      | 142.9               |
| 061       | G305    | DC                   | 2/19/24 14:36 | 6.66     | 21.50    | DC               | 2/19/2024  | 14:37            | 14:56          | Bladder Pump     | 2"                 | 6.0                      | 315.8               |
| 062       | G306    | DC                   | 2/14/24 10:59 | 6.78     | 20.90    | DC               | 2/14/2024  | 11:00            | 11:35          | Bladder Pump     | 2"                 | 10.0                     | 285.7               |
| 063       | G307    | TAC                  | 2/14/24 13:55 | 0.05     | 20.60    | TAC              | 2/14/2024  | 13:55            | 14:58          | Peristaltic Pump | 2"                 | 13.0                     | 206.3               |
| 064       | G307D   | DC                   | 2/14/24 13:05 | 5.04     | 62.00    | DC               | 2/14/2024  | 13:06            | 13:42          | Bladder Pump     | 2"                 | 7.0                      | 194.4               |
| 065       | G308    | TAC                  | 2/16/24 9:37  | 4.79     | 18.20    | DC               | 2/16/2024  | 09:38            | 10:04          | Bladder Pump     | 2"                 | 4.0                      | 153.8               |
| 066       | G310    | TAC                  | 2/19/24 11:01 | 8.78     | 18.40    | DC               | 2/19/2024  | 11:01            | 11:24          | Bladder Pump     | 2"                 | 6.0                      | 260.9               |
| 067       | G312    | DC                   | 2/19/24 13:47 | 11.95    | 17.80    | DC               | 2/19/2024  | 13:47            | 14:11          | Bladder Pump     | 2"                 | 6.0                      | 250.0               |
| 068       | G313    | TAC                  | 2/13/24 13:43 | 3.71     | 14.30    | TAC              | 2/13/2024  | 13:43            | 14:19          | Bladder Pump     | 2"                 | 10.0                     | 277.8               |
| 069       | G314    | TAC                  | 2/13/24 12:50 | 6.70     | 22.80    | TAC              | 2/13/2024  | 12:51            | 13:11          | Bladder Pump     | 2"                 | 3.5                      | 175.0               |
| 070       | G314D   | TAC                  | 2/13/24 11:56 | 6.15     | 52.30    | TAC              | 2/13/2024  | 11:58            | 12:20          | Bladder Pump     | 2"                 | 4.0                      | 181.8               |
| 071       | G315    | DC                   | 2/14/24 12:21 | 2.40     | 17.40    | DC               | 2/14/2024  | 12:23            | 12:45          | Bladder Pump     | 2"                 | 6.0                      | 272.7               |
| 072       | G316    | TAC                  | 2/13/24 10:57 | 11.91    | 18.10    | TAC              | 2/13/2024  | 11:07            | 11:31          | Bladder Pump     | 2"                 | 6.0                      | 250.0               |
| 073       | G401    | JC                   | 2/21/24 12:33 | 21.96    | 21.80    | JC               | 2/21/2024  | 12:33            | 12:46          | Bladder Pump     | 2"                 | 1.5                      | 115.4               |
| 074       | G402    | JC                   | 2/21/24 13:29 | 9.81     | 23.40    | JC               | 2/21/2024  | 13:29            | 13:44          | Bladder Pump     | 2"                 | 1.8                      | 116.7               |
| 075       | G403    | JC                   | 2/21/24 11:28 | 6.41     | 20.80    | JC               | 2/21/2024  | 11:28            | 11:43          | Bladder Pump     | 2"                 | 3.0                      | 200.0               |
| 076       | G404    | JC                   | 2/21/24 10:26 | 4.30     | 14.10    | JC               | 2/21/2024  | 10:26            | 10:37          | Bladder Pump     | 2"                 | 1.5                      | 136.4               |
| 077       | G405    | JC                   | 2/21/24 10:53 | 6.30     | 16.40    | JC               | 2/21/2024  | 10:54            | 11:09          | Bladder Pump     | 2"                 | 2.0                      | 133.3               |
| 078       | G406    | JC                   | 2/21/24 12:01 | 12.13    | 22.30    | JC               | 2/21/2024  | 12:01            | 12:11          | Bladder Pump     | 2"                 | 2.0                      | 200.0               |
| 079       | G407    | DC                   | 2/20/24 9:31  | 6.10     | 23.00    | DC               | 2/20/2024  | 09:32            | 10:15          | Bladder Pump     | 2"                 | 7.0                      | 162.8               |
| 080       | G410    | DC                   | 2/20/24 10:51 | 8.75     | 16.70    | DC               | 2/20/2024  | 10:52            | 11:18          | Bladder Pump     | 2"                 | 5.0                      | 192.3               |
| 081       | G411    | DC                   | 2/20/24 11:49 | 7.54     | 19.20    | DC               | 2/20/2024  | 11:50            | 12:13          | Bladder Pump     | 2"                 | 4.0                      | 173.9               |
| 082       | L201    | JC                   | 2/22/24 9:54  | 2.10     |          |                  |            |                  |                |                  |                    |                          |                     |
| 083       | L202    | JC                   | 2/22/24 9:49  | 2.21     |          |                  |            |                  |                |                  |                    |                          |                     |
| 084       | L203    | JC                   | 2/22/24 10:03 | 2.06     |          |                  |            |                  |                |                  |                    |                          |                     |



Site Sampling Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary  
 Coffeen- 1Q 2024

| WO Sample | Well ID           | GW Level Measurement |               |          |          | Purge Activities |            |                  |                |                  |                    |                          |                     |
|-----------|-------------------|----------------------|---------------|----------|----------|------------------|------------|------------------|----------------|------------------|--------------------|--------------------------|---------------------|
|           |                   | Sampler Initials     | Date/Time     | DTW (ft) | DTB (ft) | Sampler Initials | Purge Date | Purge Start Time | Purge End Time | Purging Device   | Well Diameter (in) | Actual Volume Purged (L) | Purge Rate (mL/min) |
| 085       | NE Riser          | JC                   | 2/21/24 14:14 | 7.02     |          | JC               | 2/21/2024  | 14:16            | 14:25          | Bladder Pump     | 2"                 | 2.0                      | 222.2               |
| 086       | R104              | JC                   | 2/14/24 12:22 | 8.65     | 22.70    | JC               | 2/14/2024  | 12:23            | 12:38          | Bladder Pump     | 2"                 | 2.0                      | 133.3               |
| 087       | R201              | JC                   | 2/20/24 13:47 | 4.06     | 22.20    | JC               | 2/20/2024  | 13:48            | 14:05          | Submersible Pump | 2"                 | 5.0                      | 294.1               |
| 088       | R205              | JC                   | 2/14/24 8:55  | 6.71     | 19.00    | JC               | 2/14/2024  | 08:56            | 09:22          | Bladder Pump     | 2"                 | 6.0                      | 230.8               |
| 089       | SG-02             | TAC                  | 2/12/24 15:01 | 7.22     |          |                  |            | 00:00            |                |                  |                    |                          |                     |
| 090       | SG-03             | BG                   | 2/12/24 11:43 | 8.44     |          |                  |            | 00:00            |                |                  |                    |                          |                     |
| 091       | T127              | JC                   | 2/20/24 11:41 | 14.63    |          | JC               | 2/20/2024  | 11:42            | 12:58          | Bladder Pump     | 2"                 | 10.0                     | 131.6               |
| 092       | T128              | JC                   | 2/15/24 9:17  | 14.67    | 28.70    | JC               | 2/15/2024  | 09:17            | 09:29          | Bladder Pump     | 2"                 | 2.0                      | 166.7               |
| 093       | X201              | JC                   | 2/20/24 11:29 | 27.91    |          | JC               | 2/20/2024  | 08:47            | 08:47          | Bailer           |                    |                          |                     |
| 094       | XPW01             | TAC                  | 2/19/24 10:27 | 5.32     | 16.10    | DC               | 2/19/2024  | 10:31            | 10:48          | Bladder Pump     | 2"                 | 6.0                      | 352.9               |
| 095       | XPW02             | DC                   | 2/16/24 10:30 | 10.40    | 21.30    | DC               | 2/16/2024  | 10:31            | 10:45          | Bladder Pump     | 2"                 | 4.0                      | 285.7               |
| 096       | XSG-01            | TAC                  | 2/12/24 15:10 | 6.72     |          |                  |            |                  |                |                  |                    |                          |                     |
| 097       | Field Blank       |                      |               |          |          |                  |            |                  |                |                  |                    |                          |                     |
| 098       | G102 Duplicate    | JC                   | 2/14/24 10:57 | 8.81     | 20.00    | JC               | 2/14/2024  | 10:58            | 11:13          | Bladder Pump     | 2"                 | 3.5                      | 233.3               |
| 099       | G200 Duplicate    | JC                   | 2/21/24 8:47  | 5.62     | 20.70    | JC               | 2/21/2024  | 08:48            | 09:03          | Submersible Pump | 2"                 | 4.5                      | 300.0               |
| 100       | G273 Duplicate    | JC                   | 2/19/24 13:03 | 10.95    | 18.90    | JC               | 2/19/2024  | 13:03            | 13:18          | Bladder Pump     | 2"                 | 3.0                      | 200.0               |
| 101       | G301 Duplicate    | DC                   | 2/19/24 11:44 | 6.95     | 18.60    | DC               | 2/19/2024  | 11:44            | 12:03          | Bladder Pump     | 2"                 | 5.0                      | 263.2               |
| 102       | R201 Duplicate    | JC                   | 2/20/24 13:47 | 4.06     | 22.20    | JC               | 2/20/2024  | 13:48            | 14:05          | Submersible Pump | 2"                 | 5.0                      | 294.1               |
| 103       | Equipment Blank 1 |                      |               |          |          |                  |            |                  |                |                  |                    |                          |                     |

Site Samping Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary  
 Coffeen- 1Q 2024

| WO Sample | Well ID | Sampling Activities and Observations |          |       |                 |                |                 |      |          |                      |               |
|-----------|---------|--------------------------------------|----------|-------|-----------------|----------------|-----------------|------|----------|----------------------|---------------|
|           |         | Sampler Initials                     | Date     | Time  | Sampling Method | Field Filtered | Appearance      | Odor | Color    | Post-Sample DTW (ft) | Drawdown (ft) |
| 001       | AP2D    | JC                                   | 02/21/24 | 14:54 | Low Flow        | No             | Slightly cloudy | None | rust     | 20.58                | 0.24          |
| 002       | G1001   | TAC                                  | 02/15/24 | 13:23 | Low Flow        | No             | Clear           | None | none     | 9.40                 | 3.09          |
| 003       | G1003   | JC                                   | 02/21/24 | 14:02 |                 |                |                 |      |          |                      |               |
| 004       | G101    | JC                                   | 02/15/24 | 13:03 | Low Flow        | Yes            | Clear           | None | none     | 9.69                 | 0.00          |
| 005       | G102    | JC                                   | 02/14/24 | 11:13 | Low Flow        | Yes            | Clear           | None | none     | 8.81                 | 0.00          |
| 006       | G103    | JC                                   | 02/14/24 | 11:50 | Low Flow        | Yes            | Clear           | None | none     | 13.32                | 1.36          |
| 007       | G105    | JC                                   | 02/14/24 | 12:13 | Low Flow        | Yes            | Clear           | None | none     | 10.00                | 0.68          |
| 008       | G106    | JC                                   | 02/14/24 | 12:58 | Low Flow        | Yes            | Clear           | None | none     | 10.02                | 0.00          |
| 009       | G107    | JC                                   | 02/14/24 | 13:30 | Low Flow        | Yes            | Clear           | None | none     | 10.52                | 0.00          |
| 010       | G108    | JC                                   | 02/14/24 | 13:47 | Low Flow        | Yes            | Clear           | None | none     | 11.43                | 0.00          |
| 011       | G109    | JC                                   | 02/14/24 | 14:05 | Low Flow        | Yes            | Clear           | None | none     | 11.90                | 0.00          |
| 012       | G110    | JC                                   | 02/14/24 | 14:21 | Low Flow        | Yes            | Clear           | None | none     | 12.76                | 0.00          |
| 013       | G111    | JC                                   | 02/15/24 | 09:03 | Low Flow        | Yes            | Clear           | None | none     | 14.03                | 0.00          |
| 014       | G119    | JC                                   | 02/15/24 | 09:47 | Low Flow        | Yes            | Clear           | None | none     | 15.40                | 0.00          |
| 015       | G120    | JC                                   | 02/15/24 | 10:04 | Low Flow        | Yes            | Clear           | None | none     | 18.06                | 2.22          |
| 016       | G121    | JC                                   | 02/15/24 | 10:40 | Low Flow        | Yes            | Clear           | None | none     | 19.47                | 2.13          |
| 017       | G122    | JC                                   | 02/15/24 | 11:05 | Low Flow        | Yes            | Clear           | None | none     | 19.67                | 1.71          |
| 018       | G123    | JC                                   | 02/15/24 | 11:31 | Low Flow        | Yes            | Clear           | None | none     | 16.60                | 0.00          |
| 019       | G124    | JC                                   | 02/15/24 | 11:53 | Low Flow        | Yes            | Clear           | None | none     | 17.42                | 0.00          |
| 020       | G125    | JC                                   | 02/15/24 | 12:19 | Low Flow        | Yes            | Clear           | None | none     | 18.66                | 1.27          |
| 021       | G126    | JC                                   | 02/15/24 | 13:22 | Low Flow        | Yes            | Clear           | None | none     | 10.55                | 0.00          |
| 022       | G151    | JC                                   | 02/19/24 | 09:11 | Low Flow        | Yes            | Clear           | None | none     | 12.13                | 0.00          |
| 023       | G152    | JC                                   | 02/19/24 | 11:09 | Low Flow        | Yes            | Slightly cloudy | None | lt brown | 18.35                | 7.21          |
| 024       | G153    | JC                                   | 02/19/24 | 10:09 | Low Flow        | Yes            | Clear           | None | none     | 13.73                | 0.00          |
| 025       | G154    | JC                                   | 02/19/24 | 09:48 | Low Flow        | Yes            | Clear           | None | none     | 13.36                | 0.00          |
| 026       | G155    | JC                                   | 02/16/24 | 10:37 | Low Flow        | Yes            | Slightly cloudy | None | none     | 13.42                | 0.00          |
| 027       | G200    | JC                                   | 02/21/24 | 09:03 | Low Flow        | Yes            | Clear           | None | none     | 6.06                 | 0.44          |
| 028       | G206    | bg                                   | 02/13/24 | 11:44 | Low Flow        | Yes            | Clear           | None | Clear    | 13.61                | 2.11          |
| 029       | G206D   | JC                                   | 02/16/24 | 09:31 | Low Flow        | Yes            | Clear           | None | none     | 29.30                | 0.00          |
| 030       | G207    | TAC                                  | 02/15/24 | 11:55 | Low Flow        | Yes            | Clear           | None | Clear    | 15.44                | 3.94          |
| 031       | G208    | BG                                   | 02/13/24 | 11:00 | Low Flow        | Yes            | Clear           | None | Clear    | 10.79                | -0.01         |
| 032       | G209    | BG                                   | 02/13/24 | 10:30 | Low Flow        | Yes            | Clear           | None | Clear    | 12.28                | 1.69          |
| 033       | G210    | BG                                   | 02/13/24 | 09:48 | Low Flow        | Yes            | Clear           | None | Clear    | 12.55                | 0.84          |
| 034       | G211    | JC                                   | 02/14/24 | 10:46 | Low Flow        | Yes            | Clear           | None | none     | 12.50                | 0.00          |
| 035       | G212    | JC                                   | 02/14/24 | 10:17 | Low Flow        | Yes            | Clear           | None | none     | 12.95                | 0.00          |
| 036       | G213    | JC                                   | 02/14/24 | 09:55 | Low Flow        | Yes            | Clear           | None | none     | 13.23                | 0.00          |
| 037       | G214    | BG                                   | 02/13/24 | 14:37 | Low Flow        | Yes            | Clear           | None | Clear    | 17.04                | 0.98          |
| 038       | G215    | BG                                   | 02/13/24 | 14:12 | Low Flow        | Yes            | Clear           | None | Clear    | 15.77                | 0.17          |
| 039       | G216    | BG                                   | 02/13/24 | 13:40 | Low Flow        | Yes            | Cloudy          | None | Clear    | 17.65                | 2.77          |
| 040       | G217    | BG                                   | 02/13/24 | 12:40 | Low Flow        | Yes            | Clear           | None | Clear    | 16.10                | -0.07         |
| 041       | G218    | BG                                   | 02/13/24 | 12:11 | Low Flow        | Yes            | Clear           | None | Clear    | 15.00                | -0.07         |
| 042       | G270    | JC                                   | 02/19/24 | 11:56 | Low Flow        | Yes            | Slightly cloudy | None | none     | 3.25                 | 0.39          |





Site Samping Event: Coffeen 1Q24  
LIMS Workorder: 24020001  
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary  
Coffeen- 1Q 2024

| WO Sample | Well ID | Sampling Activities and Observations |          |       |                 |                |                 |          |            |                      |               |
|-----------|---------|--------------------------------------|----------|-------|-----------------|----------------|-----------------|----------|------------|----------------------|---------------|
|           |         | Sampler Initials                     | Date     | Time  | Sampling Method | Field Filtered | Appearance      | Odor     | Color      | Post-Sample DTW (ft) | Drawdown (ft) |
| 043       | G271    | JC                                   | 02/19/24 | 12:20 | Low Flow        | Yes            | Clear           | None     | none       | 12.18                | 1.13          |
| 044       | G272    | JC                                   | 02/19/24 | 12:51 | Low Flow        | Yes            | Clear           | None     | none       | 10.25                | 0.00          |
| 045       | G273    | JC                                   | 02/19/24 | 13:18 | Low Flow        | Yes            | Clear           | None     | none       | 10.95                | 0.00          |
| 046       | G274    | JC                                   | 02/19/24 | 13:45 | Low Flow        | Yes            | Clear           | None     | none       | 14.33                | 0.00          |
| 047       | G275    | JC                                   | 02/19/24 | 14:21 | Low Flow        | Yes            | Clear           | None     | none       | 13.35                | 0.00          |
| 048       | G275D   | JC                                   | 02/19/24 | 14:05 | Low Flow        | No             | Clear           | Moderate | none       | 41.52                | 2.53          |
| 049       | G276    | JC                                   | 02/20/24 | 09:21 | Low Flow        | Yes            | Clear           | None     | none       | 30.84                | 3.14          |
| 050       | G277    | JC                                   | 02/20/24 | 09:40 | Low Flow        | Yes            | Clear           | None     | none       | 20.26                | 0.00          |
| 051       | G278    | TAC                                  | 02/15/24 | 11:03 | Low Flow        | Yes            | Clear           | None     | Clear      | 26.25                | 1.11          |
| 052       | G279    | JC                                   | 02/20/24 | 10:25 | Low Flow        | Yes            | Clear           | None     | none       | 24.63                | 0.00          |
| 053       | G280    | JC                                   | 02/20/24 | 11:10 | Low Flow        | Yes            | Slightly cloudy | None     | none       | 6.40                 | 0.00          |
| 054       | G281    | JC                                   | 02/15/24 | 14:22 | Low Flow        | Yes            | Slightly cloudy | None     | none       | 5.91                 | 0.00          |
| 055       | G283    | JC                                   | 02/21/24 | 10:11 | Low Flow        | No             | Slightly cloudy | None     | none       | 5.35                 | 0.05          |
| 056       | G284    | TAC                                  | 02/20/24 | 14:26 | Low Flow        | No             | Clear           | None     | Clear      | 12.28                | 0.51          |
| 057       | G285    | TAC                                  | 02/20/24 | 13:18 | Low Flow        | No             | Clear           | None     | Clear      | 10.76                | 4.11          |
| 058       | G301    | TAC                                  | 02/19/24 | 12:03 | Low Flow        | No             | Clear           | None     | none       | 8.49                 | 1.54          |
| 059       | G302    | TAC                                  | 02/19/24 | 13:27 | Low Flow        | No             | Clear           | None     | Clear      | 11.34                | 1.79          |
| 060       | G303    | TAC                                  | 02/14/24 | 10:23 | Low Flow        | No             | Clear           | None     | Clear      | 7.19                 | 1.47          |
| 061       | G305    | TAC                                  | 02/19/24 | 14:56 | Low Flow        | No             | Clear           | None     | Clear      | 6.74                 | 0.08          |
| 062       | G306    | TAC                                  | 02/14/24 | 11:35 | Low Flow        | No             | Clear           | None     | Clear      | 8.99                 | 2.21          |
| 063       | G307    | TAC                                  | 02/14/24 | 14:58 | Low Flow        | No             | Cloudy          | None     | Lite Brown | 0.05                 | 0.00          |
| 064       | G307D   | TAC                                  | 02/14/24 | 13:42 | Low Flow        | No             | Clear           | None     | none       | 6.18                 | 1.14          |
| 065       | G308    | TAC                                  | 02/16/24 | 10:04 | Low Flow        | No             | Clear           | None     | none       | 5.36                 | 0.57          |
| 066       | G310    | TAC                                  | 02/19/24 | 11:24 | Low Flow        | No             | Clear           | None     | none       | 9.24                 | 0.46          |
| 067       | G312    | TAC                                  | 02/19/24 | 14:11 | Low Flow        | No             | Clear           | None     | none       | 13.00                | 1.05          |
| 068       | G313    | TAC                                  | 02/13/24 | 14:19 | Low Flow        | No             | Clear           | Slight   | none       | 4.44                 | 0.73          |
| 069       | G314    | TAC                                  | 02/13/24 | 13:11 | Low Flow        | No             | Clear           | None     | Clear      | 11.38                | 4.68          |
| 070       | G314D   | TAC                                  | 02/13/24 | 12:20 | Low Flow        | No             | Clear           | None     | Clear      | 12.39                | 6.24          |
| 071       | G315    | TAC                                  | 02/14/24 | 12:45 | Low Flow        | No             | Clear           | None     | Clear      | 3.00                 | 0.60          |
| 072       | G316    | TAC                                  | 02/13/24 | 11:31 | Low Flow        | No             | Clear           | None     | Clear      | 12.71                | 0.80          |
| 073       | G401    | JC                                   | 02/21/24 | 12:46 | Low Flow        | Yes            | Slightly cloudy | None     | none       | 22.12                | 0.16          |
| 074       | G402    | JC                                   | 02/21/24 | 13:44 | Low Flow        | Yes            | Slightly cloudy | None     | none       | 9.81                 | 0.00          |
| 075       | G403    | JC                                   | 02/21/24 | 11:43 | Low Flow        | Yes            | Clear           | None     | none       | 6.96                 | 0.55          |
| 076       | G404    | JC                                   | 02/21/24 | 10:37 | Low Flow        | Yes            | Clear           | None     | none       | 4.30                 | 0.00          |
| 077       | G405    | JC                                   | 02/21/24 | 11:09 | Low Flow        | Yes            | Clear           | None     | none       | 6.30                 | 0.00          |
| 078       | G406    | JC                                   | 02/21/24 | 12:11 | Low Flow        | Yes            | Clear           | None     | none       | 12.13                | 0.00          |
| 079       | G407    | TAC                                  | 02/20/24 | 10:15 | Low Flow        | Yes            | Clear           | None     | Clear      | 12.62                | 6.52          |
| 080       | G410    | TAC                                  | 02/20/24 | 11:18 | Low Flow        | Yes            | Clear           | None     | Clear      | 10.10                | 1.35          |
| 081       | G411    | TAC                                  | 02/20/24 | 12:13 | Low Flow        | Yes            | Clear           | None     | Clear      | 7.86                 | 0.32          |
| 082       | L201    | JC                                   | 02/22/24 | 09:56 | No purge        | No             | Slightly cloudy | Slight   | none       |                      |               |
| 083       | L202    | JC                                   | 02/22/24 | 09:50 | No purge        | No             | Slightly cloudy | Slight   | none       |                      |               |
| 084       | L203    | JC                                   | 02/22/24 | 10:04 | No purge        | No             | Slightly cloudy | Slight   | none       |                      |               |



Site Sampling Event: Coffeen 1Q24

LIMS Workorder: 24020001

Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary

Coffeen- 1Q 2024

| WO Sample | Well ID           | Sampling Activities and Observations |          |       |                 |                |                 |      |       |                      |               |
|-----------|-------------------|--------------------------------------|----------|-------|-----------------|----------------|-----------------|------|-------|----------------------|---------------|
|           |                   | Sampler Initials                     | Date     | Time  | Sampling Method | Field Filtered | Appearance      | Odor | Color | Post-Sample DTW (ft) | Drawdown (ft) |
| 085       | NE Riser          | JC                                   | 02/21/24 | 14:25 | Low Flow        | No             | Clear           | None | none  |                      |               |
| 086       | R104              | JC                                   | 02/14/24 | 12:38 | Low Flow        | Yes            | Clear           | None | none  | 10.66                | 2.01          |
| 087       | R201              | JC                                   | 02/20/24 | 14:05 | Low Flow        | Yes            | Clear           | None | none  | 6.06                 | 2.00          |
| 088       | R205              | JC                                   | 02/14/24 | 09:22 | Low Flow        | Yes            | Clear           | None | none  | 6.71                 | 0.00          |
| 089       | SG-02             |                                      |          |       |                 |                |                 |      |       |                      |               |
| 090       | SG-03             |                                      |          |       |                 |                |                 |      |       |                      |               |
| 091       | T127              | JC                                   | 02/20/24 | 12:58 | Low Flow        | Yes            | Slightly cloudy | None | none  | 14.63                | 0.00          |
| 092       | T128              | JC                                   | 02/15/24 | 09:29 | Low Flow        | Yes            | Clear           | None | none  | 14.67                | 0.00          |
| 093       | X201              | JC                                   | 02/20/24 | 08:47 | No purge        | No             | Clear           | None | none  | 27.91                | 0.00          |
| 094       | XPW01             | TAC                                  | 02/19/24 | 10:48 | Low Flow        | No             | Clear           | None | none  | 5.32                 | 0.00          |
| 095       | XPW02             | TAC                                  | 02/16/24 | 10:45 | Low Flow        | No             | Clear           | None | none  | 10.71                | 0.31          |
| 096       | XSG-01            |                                      |          |       |                 |                |                 |      |       |                      |               |
| 097       | Field Blank       | JC                                   | 02/21/24 | 15:03 |                 |                |                 |      |       |                      |               |
| 098       | G102 Duplicate    | JC                                   | 02/14/24 | 11:13 | Low Flow        | Yes            | Clear           | None | none  | 8.81                 | 0.00          |
| 099       | G200 Duplicate    | JC                                   | 02/21/24 | 09:03 | Low Flow        | Yes            | Clear           | None | none  | 6.06                 | 0.44          |
| 100       | G273 Duplicate    | JC                                   | 02/19/24 | 13:18 | Low Flow        | Yes            | Clear           | None | none  | 10.95                | 0.00          |
| 101       | G301 Duplicate    | TAC                                  | 02/19/24 | 12:03 | Low Flow        | No             | Clear           | None | none  | 8.49                 | 1.54          |
| 102       | R201 Duplicate    | JC                                   | 02/20/24 | 14:05 | Low Flow        | Yes            | Clear           | None | none  | 6.06                 | 2.00          |
| 103       | Equipment Blank 1 | JC                                   | 02/21/24 | 14:58 |                 |                |                 |      |       |                      |               |

Site Samping Event: Coffeen 1Q24

LIMS Workorder: 24020001

Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary

Coffeen- 1Q 2024

| WO Sample | Well ID | COMMENTS   |
|-----------|---------|--|
| 001       | AP2D    |  |
| 002       | G1001   |  |
| 003       | G1003   | DTW is bottom of well. No pump in well. Hard bottom. |
| 004       | G101    |  |
| 005       | G102    |  |
| 006       | G103    |  |
| 007       | G105    |  |
| 008       | G106    |  |
| 009       | G107    |  |
| 010       | G108    |  |
| 011       | G109    |  |
| 012       | G110    |  |
| 013       | G111    |  |
| 014       | G119    |  |
| 015       | G120    |  |
| 016       | G121    |  |
| 017       | G122    |  |
| 018       | G123    |  |
| 019       | G124    |  |
| 020       | G125    |  |
| 021       | G126    |  |
| 022       | G151    |  |
| 023       | G152    |  |
| 024       | G153    |  |
| 025       | G154    |  |
| 026       | G155    |  |
| 027       | G200    |  |
| 028       | G206    |  |
| 029       | G206D   |  |
| 030       | G207    |  |
| 031       | G208    |  |
| 032       | G209    |  |
| 033       | G210    |  |
| 034       | G211    |  |
| 035       | G212    |  |
| 036       | G213    |  |
| 037       | G214    |  |
| 038       | G215    |  |
| 039       | G216    |  |
| 040       | G217    |  |
| 041       | G218    |  |
| 042       | G270    |  |



Site Samping Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary  
 Coffeen- 1Q 2024

| WO Sample | Well ID | COMMENTS   |
|-----------|---------|--|
| 043       | G271    |  |
| 044       | G272    |  |
| 045       | G273    |  |
| 046       | G274    |  |
| 047       | G275    | 13.35 to T.O.P.  |
| 048       | G275D   |  |
| 049       | G276    |  |
| 050       | G277    | 20.26 to T.O.P.  |
| 051       | G278    | Well went dry during fill of bottles. Waited for recharge to |
| 052       | G279    |  |
| 053       | G280    |  |
| 054       | G281    |  |
| 055       | G283    |  |
| 056       | G284    | Water level below T.O.P.                                     |
| 057       | G285    |  |
| 058       | G301    |  |
| 059       | G302    |  |
| 060       | G303    |  |
| 061       | G305    |  |
| 062       | G306    |  |
| 063       | G307    |  |
| 064       | G307D   |  |
| 065       | G308    |  |
| 066       | G310    |  |
| 067       | G312    |  |
| 068       | G313    |  |
| 069       | G314    |  |
| 070       | G314D   |  |
| 071       | G315    |  |
| 072       | G316    |  |
| 073       | G401    | ending depth was TOP.  |
| 074       | G402    |  |
| 075       | G403    |  |
| 076       | G404    |  |
| 077       | G405    |  |
| 078       | G406    |  |
| 079       | G407    |  |
| 080       | G410    |  |
| 081       | G411    |  |
| 082       | L201    | Sampled direct from leachate line; DTW from control panel    |
| 083       | L202    | Sampled direct from leachate line; DTW from control panel    |
| 084       | L203    | Sampled direct from leachate line; DTW from control panel    |



Site Samping Event: Coffeen 1Q24

LIMS Workorder: 24020001

Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary

Coffeen- 1Q 2024

| WO Sample | Well ID           | COMMENTS  |
|-----------|-------------------|---|
| 085       | NE Riser          |   |
| 086       | R104              |   |
| 087       | R201              |   |
| 088       | R205              |   |
| 089       | SG-02             |   |
| 090       | SG-03             |   |
| 091       | T127              |   |
| 092       | T128              |   |
| 093       | X201              | grab - not a well. Reading is in meter as R201. |
| 094       | XPW01             |   |
| 095       | XPW02             |   |
| 096       | XSG-01            |   |
| 097       | Field Blank       |   |
| 098       | G102 Duplicate    |   |
| 099       | G200 Duplicate    |   |
| 100       | G273 Duplicate    |   |
| 101       | G301 Duplicate    |   |
| 102       | R201 Duplicate    |   |
| 103       | Equipment Blank 1 |   |

Site Samping Event: Coffeen 1Q24  
LIMS Workorder: 24020001  
Technician(s): DC, JC, TC, BG

Stabilized Field Parameters Summary  
Coffeen- 1Q 2024

| Well ID | Date      | Time  | Temp (°C)      | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) | DTW (ft) | Instrument ID | LIMS ID       |  |               |
|---------|-----------|-------|----------------|-----------|---------|-----------------|------------|-----------------|----------|----------|---------------|---------------|--|---------------|
| AP2D    | 2/21/2024 | 14:54 | 17.7           | 63.9      | 6.70    | 1,915.4         | 1.96       | 59.03           | 150.4    | 20.34    | 45720         | 24020001-001A |  |               |
| G1001   | 2/15/2024 | 13:23 | 10.1           | 50.2      | 6.97    | 1,312.2         | 4.50       | 5.55            | 157.7    | 6.31     | 45600         | 24020001-002A |  |               |
| G1003   | 2/21/2024 | 14:02 | Dry- No Sample |           |         |                 |            |                 |          | N/A      | N/A           |               |  | 24020001-003A |
| G101    | 2/15/2024 | 13:03 | 12.8           | 55.0      | 7.21    | 860.7           | 1.27       | 14.55           | 148.3    | 9.69     | 45720         | 24020001-004A |  |               |
| G102    | 2/14/2024 | 11:13 | 12.7           | 54.9      | 7.17    | 980.2           | 2.40       | 8.69            | 148.7    | 8.81     | 45720         | 24020001-005A |  |               |
| G103    | 2/14/2024 | 11:50 | 13.9           | 57.0      | 7.10    | 903.4           | 4.60       | 9.94            | 147.5    | 11.96    | 45720         | 24020001-006A |  |               |
| G105    | 2/14/2024 | 12:12 | 14.3           | 57.7      | 7.10    | 891.5           | 2.22       | 8.80            | 147.6    | 9.32     | 45720         | 24020001-007A |  |               |
| G106    | 2/14/2024 | 12:58 | 13.3           | 55.9      | 7.08    | 1,024.1         | 4.78       | 5.75            | 150.0    | 10.02    | 45720         | 24020001-008A |  |               |
| G107    | 2/14/2024 | 13:30 | 13.8           | 56.8      | 7.24    | 808.8           | 5.47       | 14.00           | 145.7    | 10.52    | 45720         | 24020001-009A |  |               |
| G108    | 2/14/2024 | 13:47 | 14.0           | 57.2      | 7.19    | 795.0           | 4.04       | 7.68            | 146.8    | 11.43    | 45720         | 24020001-010A |  |               |
| G109    | 2/14/2024 | 14:05 | 14.1           | 57.4      | 6.96    | 1,003.4         | 2.01       | 8.96            | 153.4    | 11.90    | 45720         | 24020001-011A |  |               |
| G110    | 2/14/2024 | 14:21 | 14.2           | 57.6      | 6.92    | 940.8           | 2.70       | 6.82            | 153.6    | 12.76    | 45720         | 24020001-012A |  |               |
| G111    | 2/15/2024 | 9:03  | 13.4           | 56.1      | 6.56    | 910.2           | 3.34       | 1.72            | 178.1    | 14.03    | 45720         | 24020001-013A |  |               |
| G119    | 2/15/2024 | 9:47  | 13.7           | 56.7      | 7.11    | 749.3           | 4.81       | 2.19            | 159.4    | 15.40    | 45720         | 24020001-014A |  |               |
| G120    | 2/15/2024 | 10:04 | 13.6           | 56.5      | 7.09    | 925.1           | 6.57       | 4.11            | 160.2    | 15.84    | 45720         | 24020001-015A |  |               |
| G121    | 2/15/2024 | 10:40 | 12.8           | 55.0      | 7.03    | 1,014.1         | 6.11       | 10.95           | 160.5    | 17.34    | 45720         | 24020001-016A |  |               |
| G122    | 2/15/2024 | 11:05 | 13.4           | 56.1      | 6.85    | 1,218.1         | 5.63       | 10.73           | 164.8    | 17.96    | 45720         | 24020001-017A |  |               |
| G123    | 2/15/2024 | 11:31 | 13.4           | 56.1      | 7.05    | 1,008.5         | 3.28       | 8.59            | 149.7    | 16.60    | 45720         | 24020001-018A |  |               |
| G124    | 2/15/2024 | 11:53 | 13.4           | 56.1      | 7.16    | 915.8           | 5.35       | 3.83            | 150.9    | 17.42    | 45720         | 24020001-019A |  |               |
| G125    | 2/15/2024 | 12:19 | 14.0           | 57.2      | 7.31    | 941.7           | 6.43       | 2.26            | 150.6    | 17.39    | 45720         | 24020001-020A |  |               |
| G126    | 2/15/2024 | 13:22 | 13.2           | 55.8      | 7.19    | 874.3           | 3.69       | 1.46            | 151.4    | 10.55    | 45720         | 24020001-021A |  |               |
| G151    | 2/19/2024 | 9:11  | 13.0           | 55.4      | 6.90    | 947.4           | 4.49       | 5.97            | 176.0    | 12.13    | 45720         | 24020001-022A |  |               |
| G152    | 2/19/2024 | 11:09 | 11.0           | 51.8      | 7.10    | 882.0           | 3.80       | 28.58           | 148.9    | 11.14    | 45720         | 24020001-023A |  |               |
| G153    | 2/19/2024 | 10:09 | 13.1           | 55.6      | 6.69    | 4,105.7         | 2.65       | 3.82            | 167.6    | 13.73    | 45720         | 24020001-024A |  |               |
| G154    | 2/19/2024 | 9:48  | 13.4           | 56.1      | 7.23    | 689.8           | 2.29       | 9.35            | 148.5    | 13.36    | 45720         | 24020001-025A |  |               |
| G155    | 2/16/2024 | 10:37 | 12.3           | 54.1      | 7.17    | 987.2           | 3.75       | 17.60           | 140.6    | 13.42    | 45720         | 24020001-026A |  |               |
| G200    | 2/21/2024 | 9:03  | 11.8           | 53.2      | 6.69    | 861.9           | 2.45       | 10.96           | 170.9    | 5.62     | 45720         | 24020001-027A |  |               |
| G206    | 2/13/2024 | 11:44 | 14.3           | 57.7      | 7.17    | 875.0           | 1.48       | 4.45            | 95.5     | 11.50    | 45720         | 24020001-028A |  |               |
| G206D   | 2/16/2024 | 9:31  | 11.7           | 53.1      | 6.63    | 1,038.4         | 2.53       | 6.33            | 172.8    | 29.30    | 45720         | 24020001-029A |  |               |
| G207    | 2/15/2024 | 11:55 | 13.6           | 56.5      | 7.18    | 612.2           | 2.81       | 1.87            | 124.5    | 11.50    | 45600         | 24020001-030A |  |               |
| G208    | 2/13/2024 | 11:00 | 14.0           | 57.2      | 7.29    | 582.7           | 4.91       | 2.77            | 129.4    | 10.80    | 45720         | 24020001-031A |  |               |
| G209    | 2/13/2024 | 10:30 | 13.6           | 56.5      | 6.83    | 1,277.6         | 1.65       | 6.89            | 139.2    | 10.59    | 45720         | 24020001-032A |  |               |
| G210    | 2/13/2024 | 9:48  | 13.7           | 56.7      | 7.12    | 941.5           | 3.57       | 11.31           | 138.6    | 11.71    | 45720         | 24020001-033A |  |               |
| G211    | 2/14/2024 | 10:46 | 14.5           | 58.1      | 7.17    | 841.2           | 3.41       | 14.18           | 149.7    | 12.50    | 45720         | 24020001-034A |  |               |
| G212    | 2/14/2024 | 10:17 | 13.9           | 57.0      | 7.09    | 736.4           | 4.26       | 3.41            | 152.2    | 12.95    | 45720         | 24020001-035A |  |               |
| G213    | 2/14/2024 | 9:55  | 13.7           | 56.7      | 6.98    | 722.7           | 4.92       | 11.77           | 156.6    | 13.23    | 45720         | 24020001-036A |  |               |
| G214    | 2/13/2024 | 14:37 | 14.5           | 58.1      | 7.09    | 1,011.7         | 2.71       | 7.95            | 114.8    | 16.06    | 45720         | 24020001-037A |  |               |
| G215    | 2/13/2024 | 14:12 | 14.1           | 57.4      | 6.85    | 2,017.8         | 1.61       | 10.14           | 121.5    | 15.60    | 45720         | 24020001-038A |  |               |
| G216    | 2/13/2024 | 13:39 | 14.6           | 58.3      | 6.83    | 2,206.5         | 1.10       | 11.15           | 103.7    | 14.88    | 45720         | 24020001-039A |  |               |
| G217    | 2/13/2024 | 12:40 | 14.2           | 57.6      | 6.85    | 1,593.3         | 1.56       | 11.23           | 128.9    | 16.17    | 45720         | 24020001-040A |  |               |
| G218    | 2/13/2024 | 12:11 | 14.2           | 57.6      | 6.86    | 1,564.1         | 1.69       | 20.20           | 125.2    | 15.07    | 45720         | 24020001-041A |  |               |
| G270    | 2/19/2024 | 11:56 | 10.6           | 51.1      | 7.15    | 733.0           | 2.98       | 23.96           | 147.0    | 2.86     | 45720         | 24020001-042A |  |               |
| G271    | 2/19/2024 | 12:20 | 13.2           | 55.8      | 7.28    | 1,030.5         | 6.01       | 7.82            | 148.8    | 11.05    | 45720         | 24020001-043A |  |               |
| G272    | 2/19/2024 | 12:51 | 13.0           | 55.4      | 7.25    | 1,297.0         | 5.58       | 8.34            | 151.8    | 10.25    | 45720         | 24020001-044A |  |               |
| G273    | 2/19/2024 | 13:18 | 13.6           | 56.5      | 6.99    | 1,680.5         | 1.76       | 9.78            | 151.0    | 10.95    | 45720         | 24020001-045A |  |               |
| G274    | 2/19/2024 | 13:45 | 13.8           | 56.8      | 7.13    | 1,043.2         | 2.98       | 2.04            | 143.2    | 14.33    | 45720         | 24020001-046A |  |               |
| G275    | 2/19/2024 | 14:21 | 12.9           | 55.2      | 6.95    | 1,407.7         | 4.06       | 5.69            | 134.4    | 13.35    | 45720         | 24020001-047A |  |               |



Site Sampling Event: Coffeen 1Q24  
LIMS Workorder: 24020001  
Technician(s): DC, JC, TC, BG

Stabilized Field Parameters Summary  
Coffeen- 1Q 2024

| Well ID  | Date      | Time  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) | DTW (ft) | Instrument ID | LIMS ID       |     |               |
|----------|-----------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|----------|---------------|---------------|-----|---------------|
| G275D    | 2/19/2024 | 14:05 | 13.8      | 56.8      | 7.19    | 1,501.8         | 1.91       | 13.32           | 129.9    | 38.99    | 45720         | 24020001-048A |     |               |
| G276     | 2/20/2024 | 9:21  | 12.2      | 54.0      | 6.68    | 1,348.3         | 5.92       | 16.95           | 173.7    | 27.70    | 45720         | 24020001-049A |     |               |
| G277     | 2/20/2024 | 9:40  | 12.4      | 54.3      | 6.65    | 1,910.1         | 4.41       | 11.76           | 172.9    | 20.26    | 45720         | 24020001-050A |     |               |
| G278     | 2/15/2024 | 11:03 | 12.8      | 55.0      | 6.65    | 3,507.0         | 1.48       | 7.42            | 145.9    | 25.14    | 45600         | 24020001-051A |     |               |
| G279     | 2/20/2024 | 10:25 | 14.3      | 57.7      | 6.75    | 5,991.5         | 3.65       | 4.72            | 173.7    | 24.63    | 45720         | 24020001-052A |     |               |
| G280     | 2/20/2024 | 11:10 | 12.2      | 54.0      | 7.36    | 883.1           | 3.51       | 26.73           | 135.9    | 6.40     | 45720         | 24020001-053A |     |               |
| G281     | 2/15/2024 | 14:22 | 12.8      | 55.0      | 6.92    | 1,368.1         | 2.53       | 31.10           | 155.5    | 5.91     | 45720         | 24020001-054A |     |               |
| G283     | 2/21/2024 | 10:11 | 11.1      | 52.0      | 6.88    | 1,271.7         | 1.01       | 22.65           | 156.0    | 5.30     | 45720         | 24020001-055A |     |               |
| G284     | 2/20/2024 | 14:26 | 11.7      | 53.1      | 7.13    | 653.4           | 2.51       | 2.87            | 128.4    | 11.77    | 45600         | 24020001-056A |     |               |
| G285     | 2/20/2024 | 13:18 | 12.4      | 54.3      | 6.74    | 1,558.9         | 0.53       | 12.10           | 126.9    | 6.65     | 45600         | 24020001-057A |     |               |
| G301     | 2/19/2024 | 12:03 | 12.2      | 54.0      | 6.59    | 991.1           | 0.72       | 22.24           | 109.9    | 6.95     | 45600         | 24020001-058A |     |               |
| G302     | 2/19/2024 | 13:27 | 12.5      | 54.5      | 6.66    | 1,371.4         | 1.64       | 69.26           | 25.0     | 9.55     | 45600         | 24020001-059A |     |               |
| G303     | 2/14/2024 | 10:23 | 11.7      | 53.1      | 6.69    | 1,751.6         | 1.38       | 30.79           | 116.5    | 5.72     | 45600         | 24020001-060A |     |               |
| G305     | 2/19/2024 | 14:56 | 13.1      | 55.6      | 7.16    | 1,443.0         | 0.64       | 23.73           | 95.6     | 6.66     | 45600         | 24020001-061A |     |               |
| G306     | 2/14/2024 | 11:35 | 12.9      | 55.2      | 6.34    | 663.0           | 2.42       | 30.08           | 137.2    | 6.78     | 45600         | 24020001-062A |     |               |
| G307     | 2/14/2024 | 14:58 | 14.8      | 58.6      | 6.93    | 1,046.5         | 1.09       | 256.42          | 98.6     | 0.05     | 45600         | 24020001-063A |     |               |
| G307D    | 2/14/2024 | 13:42 | 14.1      | 57.4      | 7.07    | 1,207.3         | 2.50       | 16.04           | 30.5     | 5.04     | 45600         | 24020001-064A |     |               |
| G308     | 2/16/2024 | 10:04 | 11.3      | 52.3      | 7.08    | 1,533.1         | 0.56       | 6.78            | 119.4    | 4.79     | 45600         | 24020001-065A |     |               |
| G310     | 2/19/2024 | 11:24 | 12.7      | 54.9      | 7.07    | 1,141.7         | 0.52       | 2.32            | 93.4     | 8.78     | 45600         | 24020001-066A |     |               |
| G312     | 2/19/2024 | 14:11 | 12.6      | 54.7      | 6.33    | 1,454.0         | 1.15       | 3.37            | 83.9     | 11.95    | 45600         | 24020001-067A |     |               |
| G313     | 2/13/2024 | 14:19 | 12.2      | 54.0      | 6.78    | 1,625.5         | 0.34       | 33.28           | 91.4     | 3.71     | 45600         | 24020001-068A |     |               |
| G314     | 2/13/2024 | 13:11 | 11.8      | 53.2      | 6.56    | 2,975.1         | 0.54       | 116.64          | 4.9      | 6.70     | 45600         | 24020001-069A |     |               |
| G314D    | 2/13/2024 | 12:20 | 12.5      | 54.5      | 6.80    | 2,524.5         | 0.40       | 115.06          | -15.6    | 6.15     | 45600         | 24020001-070A |     |               |
| G315     | 2/14/2024 | 12:45 | 11.8      | 53.2      | 6.69    | 1,161.3         | 0.62       | 3.06            | 153.2    | 2.40     | 45600         | 24020001-071A |     |               |
| G316     | 2/13/2024 | 11:31 | 10.9      | 51.6      | 6.87    | 1,742.0         | 0.68       | 1.21            | -68.4    | 11.91    | 45600         | 24020001-072A |     |               |
| G401     | 2/21/2024 | 12:46 | 15.8      | 60.4      | 5.68    | 2,985.8         | 1.38       | 9.98            | 177.0    | 21.96    | 45720         | 24020001-073A |     |               |
| G402     | 2/21/2024 | 13:44 | 13.9      | 57.0      | 6.75    | 1,711.6         | 4.12       | 29.32           | 147.0    | 9.81     | 45720         | 24020001-074A |     |               |
| G403     | 2/21/2024 | 11:43 | 13.3      | 55.9      | 6.88    | 738.3           | 2.57       | 7.53            | 146.4    | 6.41     | 45720         | 24020001-075A |     |               |
| G404     | 2/21/2024 | 10:37 | 11.2      | 52.2      | 6.84    | 1,262.6         | 3.13       | 5.14            | 151.4    | 4.30     | 45720         | 24020001-076A |     |               |
| G405     | 2/21/2024 | 11:09 | 12.5      | 54.5      | 6.85    | 2,026.2         | 2.81       | 8.87            | 152.9    | 6.30     | 45720         | 24020001-077A |     |               |
| G406     | 2/21/2024 | 12:11 | 15.2      | 59.4      | 6.58    | 1,417.7         | 2.87       | 0.71            | 158.2    | 12.13    | 45720         | 24020001-078A |     |               |
| G407     | 2/20/2024 | 10:15 | 13.0      | 55.4      | 6.78    | 1,849.5         | 3.48       | 6.85            | 141.3    | 6.10     | 45600         | 24020001-079A |     |               |
| G410     | 2/20/2024 | 11:18 | 12.0      | 53.6      | 6.46    | 957.3           | 1.79       | 1.46            | 118.6    | 8.75     | 45600         | 24020001-080A |     |               |
| G411     | 2/20/2024 | 12:13 | 12.5      | 54.5      | 7.25    | 742.1           | 2.18       | 6.15            | 118.8    | 7.54     | 45600         | 24020001-081A |     |               |
| L201     | 2/22/2024 | 9:56  | 16.0      | 60.8      | 11.54   | 6,499.0         | 7.07       | 4.64            | -38.6    | 2.10     | 45720         | 24020001-082A |     |               |
| L202     | 2/22/2024 | 9:50  | 18.2      | 64.8      | 11.53   | 15,607.5        | 6.09       | 8.56            | -33.6    | 2.21     | 45720         | 24020001-083A |     |               |
| L203     | 2/22/2024 | 10:04 | 18.6      | 65.5      | 11.75   | 7,304.8         | 4.39       | 4.23            | -46.2    | 2.06     | 45720         | 24020001-084A |     |               |
| NE Riser | 2/21/2024 | 14:25 | 12.2      | 54.0      | 6.54    | 17,574.9        | 2.52       | 1.94            | 181.7    | 7.02     | 45720         | 24020001-085A |     |               |
| R104     | 2/14/2024 | 12:38 | 12.9      | 55.2      | 7.43    | 830.1           | 5.98       | 5.26            | 140.9    | 8.65     | 45720         | 24020001-086A |     |               |
| R201     | 2/20/2024 | 14:05 | 13.9      | 57.0      | 7.00    | 971.2           | 1.57       | 14.47           | 147.0    | 4.06     | 45720         | 24020001-087A |     |               |
| R205     | 2/14/2024 | 9:22  | 12.4      | 54.3      | 6.52    | 1,429.5         | 1.42       | 14.07           | 170.0    | 6.71     | 45720         | 24020001-088A |     |               |
| SG-02    | 2/12/2024 | 15:01 | DTW Only  |           |         |                 |            |                 |          |          |               | 7.22          | N/A | 24020001-089A |
| SG-03    | 2/12/2024 | 11:43 | DTW Only  |           |         |                 |            |                 |          |          |               | 8.44          | N/A | 24020001-090A |
| T127     | 2/20/2024 | 12:58 | 14.3      | 57.7      | 7.07    | 835.2           | 2.81       | 49.63           | 148.7    | 14.63    | 45720         | 24020001-091A |     |               |
| T128     | 2/15/2024 | 9:29  | 13.6      | 56.5      | 6.84    | 793.6           | 3.99       | 0.82            | 165.5    | 14.67    | 45720         | 24020001-092A |     |               |
| X201     | 2/20/2024 | 8:47  | 3.6       | 38.5      | 4.43    | 19,872.2        | 10.58      | 5.96            | 244.9    | 27.91    | 45720         | 24020001-093A |     |               |
| XPW01    | 2/19/2024 | 10:48 | 14.3      | 57.7      | 7.86    | 1,014.2         | 0.56       | 11.22           | 72.9     | 5.32     | 45600         | 24020001-094A |     |               |



Site Sampling Event: Coffeen 1Q24

LIMS Workorder: 24020001

Technician(s): DC, JC, TC, BG

## Stabilized Field Parameters Summary

Coffeen- 1Q 2024

| Well ID           | Date      | Time  | Temp (°C)    | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) | DTW (ft) | Instrument ID | LIMS ID       |
|-------------------|-----------|-------|--------------|-----------|---------|-----------------|------------|-----------------|----------|----------|---------------|---------------|
| XPW02             | 2/16/2024 | 10:45 | 16.5         | 61.7      | 7.70    | 667.7           | 0.48       | 4.05            | -146.8   | 10.40    | 45600         | 24020001-095A |
| XSG-01            | 2/12/2024 | 15:10 | DTW Only     |           |         |                 |            |                 |          | 6.72     | N/A           | 24020001-096A |
| Field Blank       | 2/21/2024 | 15:03 | QA/QC Sample |           |         |                 |            |                 |          | N/A      | 24020001-097A |               |
| G102 Duplicate    | 2/14/2024 | 11:13 | 12.7         | 54.9      | 7.17    | 980.2           | 2.40       | 8.69            | 148.7    | 8.81     | 45720         | 24020001-098A |
| G200 Duplicate    | 2/21/2024 | 9:03  | 11.8         | 53.2      | 6.69    | 861.9           | 2.45       | 10.96           | 170.9    | 5.62     | 45720         | 24020001-099A |
| G273 Duplicate    | 2/19/2024 | 13:18 | 13.6         | 56.5      | 6.99    | 1,680.5         | 1.76       | 9.78            | 151.0    | 10.95    | 45720         | 24020001-100A |
| G301 Duplicate    | 2/19/2024 | 12:03 | 12.2         | 54.0      | 6.59    | 991.1           | 0.72       | 22.24           | 109.9    | 6.95     | 45600         | 24020001-101A |
| R201 Duplicate    | 2/20/2024 | 14:05 | 13.9         | 57.0      | 7.00    | 971.2           | 1.57       | 14.47           | 147.0    | 4.06     | 45720         | 24020001-102A |
| Equipment Blank 1 | 2/21/2024 | 14:58 | QA/QC Sample |           |         |                 |            |                 |          | N/A      | 24020001-103A |               |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| AP2D    | 2/21/2024 | 14:42 | 20.34 | 17.4      | 63.3      | 6.85    | 1,837.0         | 3.97       | 68.32           | 140.3    |
| AP2D    | 2/21/2024 | 14:45 | 20.34 | 17.1      | 62.8      | 6.77    | 1,878.2         | 3.21       | 65.54           | 146.6    |
| AP2D    | 2/21/2024 | 14:48 | 20.34 | 17.1      | 62.8      | 6.73    | 1,892.0         | 2.67       | 55.06           | 149.0    |
| AP2D    | 2/21/2024 | 14:51 | 20.34 | 17.5      | 63.5      | 6.71    | 1,903.1         | 2.29       | 61.68           | 150.0    |
| AP2D    | 2/21/2024 | 14:54 | 20.34 | 17.7      | 63.9      | 6.70    | 1,915.4         | 1.96       | 59.03           | 150.4    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G1001   | 2/15/2024 | 13:14 | 6.31 | 10.2      | 50.4      | 7.00    | 1,325.5         | 5.01       | 9.37            | 159.0    |
| G1001   | 2/15/2024 | 13:17 | 6.31 | 10.3      | 50.5      | 7.00    | 1,323.5         | 4.91       | 8.08            | 158.4    |
| G1001   | 2/15/2024 | 13:20 | 6.31 | 10.0      | 50.0      | 6.99    | 1,321.3         | 4.70       | 7.58            | 158.0    |
| G1001   | 2/15/2024 | 13:23 | 6.31 | 10.1      | 50.2      | 6.97    | 1,312.2         | 4.50       | 5.55            | 157.7    |
| G1001   | 2/15/2024 | 13:14 | 6.31 | 10.2      | 50.4      | 7.00    | 1,325.5         | 5.01       | 9.37            | 159.0    |
| G1001   | 2/15/2024 | 13:17 | 6.31 | 10.3      | 50.5      | 7.00    | 1,323.5         | 4.91       | 8.08            | 158.4    |
| G1001   | 2/15/2024 | 13:20 | 6.31 | 10.0      | 50.0      | 6.99    | 1,321.3         | 4.70       | 7.58            | 158.0    |
| G1001   | 2/15/2024 | 13:23 | 6.31 | 10.1      | 50.2      | 6.97    | 1,312.2         | 4.50       | 5.55            | 157.7    |

Site Sampling Event: Coffeen 1Q24

Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID               | Date      | Time  | DTW | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|-----------------------|-----------|-------|-----|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G1003                 | 2/21/2024 | 14:02 | N/A |           |           |         |                 |            |                 |          |
| <i>Dry- No Sample</i> |           |       |     |           |           |         |                 |            |                 |          |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G101    | 2/15/2024 | 12:39 | 9.69 | 12.9      | 55.2      | 7.27    | 884.7           | 2.28       | 38.37           | 149.0    |
| G101    | 2/15/2024 | 12:42 | 9.69 | 12.9      | 55.2      | 7.25    | 875.1           | 1.97       | 32.44           | 149.0    |
| G101    | 2/15/2024 | 12:45 | 9.69 | 12.9      | 55.2      | 7.24    | 869.8           | 1.78       | 27.09           | 149.0    |
| G101    | 2/15/2024 | 12:48 | 9.69 | 12.8      | 55.0      | 7.23    | 867.0           | 1.63       | 23.91           | 149.0    |
| G101    | 2/15/2024 | 12:51 | 9.69 | 12.8      | 55.0      | 7.23    | 865.9           | 1.53       | 20.72           | 148.9    |
| G101    | 2/15/2024 | 12:54 | 9.69 | 12.8      | 55.0      | 7.22    | 864.0           | 1.45       | 20.28           | 148.7    |
| G101    | 2/15/2024 | 12:57 | 9.69 | 12.8      | 55.0      | 7.22    | 863.0           | 1.37       | 17.64           | 148.6    |
| G101    | 2/15/2024 | 13:00 | 9.69 | 12.8      | 55.0      | 7.22    | 861.7           | 1.31       | 15.07           | 148.5    |
| G101    | 2/15/2024 | 13:03 | 9.69 | 12.8      | 55.0      | 7.21    | 860.7           | 1.27       | 14.55           | 148.3    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G102    | 2/14/2024 | 11:04 | 8.81 | 13.0      | 55.4      | 7.23    | 1,114.6         | 3.03       | 21.02           | 150.6    |
| G102    | 2/14/2024 | 11:07 | 8.81 | 12.9      | 55.2      | 7.18    | 1,100.9         | 2.30       | 13.22           | 150.7    |
| G102    | 2/14/2024 | 11:10 | 8.81 | 12.8      | 55.0      | 7.16    | 1,071.4         | 2.08       | 12.46           | 149.8    |
| G102    | 2/14/2024 | 11:13 | 8.81 | 12.7      | 54.9      | 7.17    | 980.2           | 2.40       | 8.69            | 148.7    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G103    | 2/14/2024 | 11:44 | 11.96 | 13.9      | 57.0      | 7.13    | 900.2           | 5.10       | 14.74           | 147.0    |
| G103    | 2/14/2024 | 11:47 | 11.96 | 13.9      | 57.0      | 7.13    | 898.8           | 4.95       | 12.08           | 147.0    |
| G103    | 2/14/2024 | 11:50 | 11.96 | 13.9      | 57.0      | 7.10    | 903.4           | 4.60       | 9.94            | 147.5    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G105    | 2/14/2024 | 12:06 | 9.32 | 13.5      | 56.3      | 7.22    | 892.2           | 3.99       | 20.82           | 146.8    |
| G105    | 2/14/2024 | 12:09 | 9.32 | 13.7      | 56.7      | 7.14    | 888.9           | 2.62       | 10.48           | 147.5    |
| G105    | 2/14/2024 | 12:12 | 9.32 | 14.3      | 57.7      | 7.10    | 891.5           | 2.22       | 8.80            | 147.6    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G106    | 2/14/2024 | 12:52 | 10.02 | 13.4      | 56.1      | 7.16    | 1,009.7         | 6.19       | 14.51           | 149.0    |
| G106    | 2/14/2024 | 12:55 | 10.02 | 13.2      | 55.8      | 7.11    | 1,024.1         | 5.16       | 9.92            | 149.6    |
| G106    | 2/14/2024 | 12:58 | 10.02 | 13.3      | 55.9      | 7.08    | 1,024.1         | 4.78       | 5.75            | 150.0    |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G107    | 2/14/2024 | 13:18 | 10.52 | 13.6      | 56.5      | 7.30    | 812.2           | 6.30       | 23.13           | 144.7    |
| G107    | 2/14/2024 | 13:21 | 10.52 | 13.7      | 56.7      | 7.28    | 811.8           | 6.05       | 19.06           | 145.1    |
| G107    | 2/14/2024 | 13:24 | 10.52 | 13.8      | 56.8      | 7.26    | 809.6           | 5.83       | 17.44           | 145.4    |
| G107    | 2/14/2024 | 13:27 | 10.52 | 13.9      | 57.0      | 7.25    | 809.2           | 5.63       | 15.73           | 145.6    |
| G107    | 2/14/2024 | 13:30 | 10.52 | 13.8      | 56.8      | 7.24    | 808.8           | 5.47       | 14.00           | 145.7    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G108    | 2/14/2024 | 13:41 | 11.43 | 13.9      | 57.0      | 7.30    | 776.5           | 6.41       | 6.67            | 145.3    |
| G108    | 2/14/2024 | 13:44 | 11.43 | 14.1      | 57.4      | 7.22    | 794.5           | 4.58       | 10.26           | 146.4    |
| G108    | 2/14/2024 | 13:47 | 11.43 | 14.0      | 57.2      | 7.19    | 795.0           | 4.04       | 7.68            | 146.8    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G109    | 2/14/2024 | 13:59 | 11.90 | 13.8      | 56.8      | 7.24    | 971.2           | 6.52       | 9.96            | 150.3    |
| G109    | 2/14/2024 | 14:02 | 11.90 | 14.0      | 57.2      | 7.02    | 1,002.5         | 3.03       | 7.44            | 152.7    |
| G109    | 2/14/2024 | 14:05 | 11.90 | 14.1      | 57.4      | 6.96    | 1,003.4         | 2.01       | 8.96            | 153.4    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G110    | 2/14/2024 | 14:15 | 12.76 | 13.9      | 57.0      | 7.11    | 936.6           | 4.19       | 4.11            | 151.7    |
| G110    | 2/14/2024 | 14:18 | 12.76 | 14.2      | 57.6      | 6.97    | 944.8           | 3.02       | 9.10            | 153.1    |
| G110    | 2/14/2024 | 14:21 | 12.76 | 14.2      | 57.6      | 6.92    | 940.8           | 2.70       | 6.82            | 153.6    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G111    | 2/15/2024 | 8:57 | 14.03 | 13.2      | 55.8      | 6.16    | 896.8           | 6.82       | 3.80            | 190.0    |
| G111    | 2/15/2024 | 9:00 | 14.03 | 13.4      | 56.1      | 6.41    | 921.3           | 4.10       | 2.05            | 183.6    |
| G111    | 2/15/2024 | 9:03 | 14.03 | 13.4      | 56.1      | 6.56    | 910.2           | 3.34       | 1.72            | 178.1    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G119    | 2/15/2024 | 9:41 | 15.40 | 13.3      | 55.9      | 7.21    | 728.4           | 7.50       | 2.91            | 160.9    |
| G119    | 2/15/2024 | 9:44 | 15.40 | 13.6      | 56.5      | 7.13    | 747.8           | 5.51       | 2.74            | 160.4    |
| G119    | 2/15/2024 | 9:47 | 15.40 | 13.7      | 56.7      | 7.11    | 749.3           | 4.81       | 2.19            | 159.4    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G120    | 2/15/2024 | 9:58  | 15.84 | 13.2      | 55.8      | 7.17    | 912.5           | 8.38       | 5.47            | 160.5    |
| G120    | 2/15/2024 | 10:01 | 15.84 | 13.6      | 56.5      | 7.10    | 923.6           | 6.96       | 4.33            | 160.7    |
| G120    | 2/15/2024 | 10:04 | 15.84 | 13.6      | 56.5      | 7.09    | 925.1           | 6.57       | 4.11            | 160.2    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G121    | 2/15/2024 | 10:31 | 17.34 | 13.5      | 56.3      | 7.04    | 1,014.0         | 6.26       | 35.90           | 160.3    |
| G121    | 2/15/2024 | 10:34 | 17.34 | 13.2      | 55.8      | 7.03    | 1,016.4         | 6.19       | 17.60           | 160.4    |
| G121    | 2/15/2024 | 10:37 | 17.34 | 12.8      | 55.0      | 7.03    | 1,016.4         | 6.16       | 14.89           | 160.3    |
| G121    | 2/15/2024 | 10:40 | 17.34 | 12.8      | 55.0      | 7.03    | 1,014.1         | 6.11       | 10.95           | 160.5    |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G122    | 2/15/2024 | 10:59 | 17.96 | 13.4      | 56.1      | 6.93    | 1,238.8         | 5.89       | 21.75           | 164.0    |
| G122    | 2/15/2024 | 11:02 | 17.96 | 13.3      | 55.9      | 6.87    | 1,223.5         | 5.74       | 15.69           | 164.6    |
| G122    | 2/15/2024 | 11:05 | 17.96 | 13.4      | 56.1      | 6.85    | 1,218.1         | 5.63       | 10.73           | 164.8    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G123    | 2/15/2024 | 11:25 | 16.60 | 12.8      | 55.0      | 7.35    | 961.0           | 7.96       | 4.77            | 142.4    |
| G123    | 2/15/2024 | 11:28 | 16.60 | 13.5      | 56.3      | 7.14    | 994.4           | 5.24       | 14.19           | 147.6    |
| G123    | 2/15/2024 | 11:31 | 16.60 | 13.4      | 56.1      | 7.05    | 1,008.5         | 3.28       | 8.59            | 149.7    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G124    | 2/15/2024 | 11:47 | 17.42 | 13.6      | 56.5      | 7.29    | 915.8           | 7.87       | 15.54           | 148.4    |
| G124    | 2/15/2024 | 11:50 | 17.42 | 13.6      | 56.5      | 7.19    | 916.9           | 6.08       | 7.01            | 150.3    |
| G124    | 2/15/2024 | 11:53 | 17.42 | 13.4      | 56.1      | 7.16    | 915.8           | 5.35       | 3.83            | 150.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G125    | 2/15/2024 | 12:10 | 17.39 | 14.2      | 57.6      | 7.43    | 936.9           | 7.36       | 5.09            | 150.9    |
| G125    | 2/15/2024 | 12:13 | 17.39 | 14.1      | 57.4      | 7.37    | 936.7           | 7.23       | 2.23            | 150.3    |
| G125    | 2/15/2024 | 12:16 | 17.39 | 14.0      | 57.2      | 7.34    | 939.0           | 6.80       | 2.01            | 150.5    |
| G125    | 2/15/2024 | 12:19 | 17.39 | 14.0      | 57.2      | 7.31    | 941.7           | 6.43       | 2.26            | 150.6    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G126    | 2/15/2024 | 13:16 | 10.55 | 12.9      | 55.2      | 7.37    | 909.6           | 7.07       | 2.75            | 150.7    |
| G126    | 2/15/2024 | 13:19 | 10.55 | 13.2      | 55.8      | 7.24    | 896.1           | 4.52       | 1.62            | 151.2    |
| G126    | 2/15/2024 | 13:22 | 10.55 | 13.2      | 55.8      | 7.19    | 874.3           | 3.69       | 1.46            | 151.4    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G151    | 2/19/2024 | 9:05 | 12.13 | 13.1      | 55.6      | 6.60    | 975.1           | 5.30       | 23.05           | 185.4    |
| G151    | 2/19/2024 | 9:08 | 12.13 | 13.0      | 55.4      | 6.80    | 952.4           | 4.82       | 9.45            | 179.5    |
| G151    | 2/19/2024 | 9:11 | 12.13 | 13.0      | 55.4      | 6.90    | 947.4           | 4.49       | 5.97            | 176.0    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G152    | 2/19/2024 | 11:00 | 11.14 | 11.0      | 51.8      | 7.11    | 908.1           | 5.00       | 54.05           | 148.9    |
| G152    | 2/19/2024 | 11:03 | 11.14 | 10.9      | 51.6      | 7.11    | 896.5           | 4.56       | 41.78           | 148.8    |
| G152    | 2/19/2024 | 11:06 | 11.14 | 10.9      | 51.6      | 7.10    | 889.3           | 4.17       | 33.80           | 148.8    |
| G152    | 2/19/2024 | 11:09 | 11.14 | 11.0      | 51.8      | 7.10    | 882.0           | 3.80       | 28.58           | 148.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G153    | 2/19/2024 | 10:03 | 13.73 | 13.2      | 55.8      | 6.68    | 4,284.0         | 3.82       | 13.36           | 171.5    |
| G153    | 2/19/2024 | 10:06 | 13.73 | 13.2      | 55.8      | 6.66    | 4,230.8         | 2.57       | 6.61            | 169.2    |
| G153    | 2/19/2024 | 10:09 | 13.73 | 13.1      | 55.6      | 6.69    | 4,105.7         | 2.65       | 3.82            | 167.6    |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G154    | 2/19/2024 | 9:39 | 13.36 | 13.3      | 55.9      | 7.24    | 690.6           | 2.92       | 18.81           | 148.8    |
| G154    | 2/19/2024 | 9:42 | 13.36 | 13.3      | 55.9      | 7.23    | 689.6           | 2.63       | 13.73           | 148.9    |
| G154    | 2/19/2024 | 9:45 | 13.36 | 13.4      | 56.1      | 7.23    | 690.1           | 2.44       | 13.18           | 148.7    |
| G154    | 2/19/2024 | 9:48 | 13.36 | 13.4      | 56.1      | 7.23    | 689.8           | 2.29       | 9.35            | 148.5    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G155    | 2/16/2024 | 10:19 | 13.42 | 12.2      | 54.0      | 7.24    | 990.9           | 5.21       | 34.53           | 133.2    |
| G155    | 2/16/2024 | 10:22 | 13.42 | 12.3      | 54.1      | 7.21    | 990.6           | 5.01       | 25.87           | 137.9    |
| G155    | 2/16/2024 | 10:25 | 13.42 | 12.4      | 54.3      | 7.20    | 989.7           | 4.68       | 25.89           | 138.8    |
| G155    | 2/16/2024 | 10:28 | 13.42 | 12.4      | 54.3      | 7.19    | 989.6           | 4.37       | 22.74           | 139.6    |
| G155    | 2/16/2024 | 10:31 | 13.42 | 12.3      | 54.1      | 7.18    | 989.6           | 4.15       | 19.00           | 140.1    |
| G155    | 2/16/2024 | 10:34 | 13.42 | 12.3      | 54.1      | 7.17    | 988.6           | 3.92       | 18.15           | 140.4    |
| G155    | 2/16/2024 | 10:37 | 13.42 | 12.3      | 54.1      | 7.17    | 987.2           | 3.75       | 17.60           | 140.6    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G200    | 2/21/2024 | 8:51 | 5.62 | 10.8      | 51.4      | 5.88    | 873.9           | 8.11       | 239.67          | 177.3    |
| G200    | 2/21/2024 | 8:54 | 5.62 | 11.3      | 52.3      | 6.33    | 872.9           | 4.83       | 67.64           | 176.5    |
| G200    | 2/21/2024 | 8:57 | 5.62 | 11.5      | 52.7      | 6.51    | 866.6           | 3.60       | 31.43           | 175.1    |
| G200    | 2/21/2024 | 9:00 | 5.62 | 11.6      | 52.9      | 6.62    | 862.6           | 2.87       | 15.60           | 173.0    |
| G200    | 2/21/2024 | 9:03 | 5.62 | 11.8      | 53.2      | 6.69    | 861.9           | 2.45       | 10.96           | 170.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G206    | 2/13/2024 | 11:38 | 11.50 | 14.5      | 58.1      | 7.21    | 866.9           | 2.50       | 9.67            | 95.9     |
| G206    | 2/13/2024 | 11:41 | 11.50 | 14.2      | 57.6      | 7.19    | 869.3           | 1.78       | 6.24            | 96.1     |
| G206    | 2/13/2024 | 11:44 | 11.50 | 14.3      | 57.7      | 7.17    | 875.0           | 1.48       | 4.45            | 95.5     |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G206D   | 2/13/2024 | 11:23 | 29.30 | 14.2      | 57.6      | 7.30    | 1,052.9         | 4.19       | 11.04           | 128.3    |
| G206D   | 2/13/2024 | 11:26 | 29.30 | 13.9      | 57.0      | 7.20    | 1,051.7         | 2.54       | 11.65           | 122.9    |
| G206D   | 2/13/2024 | 11:29 | 29.30 | 13.9      | 57.0      | 7.21    | 1,046.9         | 1.96       | 23.62           | 109.4    |
| G206D   | 2/16/2024 | 9:25  | 29.30 | 10.2      | 50.4      | 6.09    | 1,076.2         | 5.32       | 15.03           | 187.7    |
| G206D   | 2/16/2024 | 9:28  | 29.30 | 11.5      | 52.7      | 6.41    | 1,038.6         | 3.67       | 5.72            | 181.2    |
| G206D   | 2/16/2024 | 9:31  | 29.30 | 11.7      | 53.1      | 6.63    | 1,038.4         | 2.53       | 6.33            | 172.8    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G207    | 2/15/2024 | 11:43 | 11.50 | 13.0      | 55.4      | 7.25    | 616.6           | 3.56       | 3.58            | 124.9    |
| G207    | 2/15/2024 | 11:46 | 11.50 | 13.2      | 55.8      | 7.23    | 619.3           | 3.38       | 4.03            | 125.2    |
| G207    | 2/15/2024 | 11:49 | 11.50 | 13.3      | 55.9      | 7.21    | 614.2           | 3.04       | 3.20            | 125.1    |
| G207    | 2/15/2024 | 11:52 | 11.50 | 13.4      | 56.1      | 7.19    | 614.2           | 3.02       | 3.14            | 125.0    |
| G207    | 2/15/2024 | 11:55 | 11.50 | 13.6      | 56.5      | 7.18    | 612.2           | 2.81       | 1.87            | 124.5    |
| G207    | 2/15/2024 | 11:43 | 11.50 | 13.0      | 55.4      | 7.25    | 616.6           | 3.56       | 3.58            | 124.9    |
| G207    | 2/15/2024 | 11:46 | 11.50 | 13.2      | 55.8      | 7.23    | 619.3           | 3.38       | 4.03            | 125.2    |
| G207    | 2/15/2024 | 11:49 | 11.50 | 13.3      | 55.9      | 7.21    | 614.2           | 3.04       | 3.20            | 125.1    |
| G207    | 2/15/2024 | 11:52 | 11.50 | 13.4      | 56.1      | 7.19    | 614.2           | 3.02       | 3.14            | 125.0    |
| G207    | 2/15/2024 | 11:55 | 11.50 | 13.6      | 56.5      | 7.18    | 612.2           | 2.81       | 1.87            | 124.5    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G208    | 2/13/2024 | 10:51 | 10.80 | 14.1      | 57.4      | 7.45    | 584.3           | 6.01       | 8.12            | 126.0    |
| G208    | 2/13/2024 | 10:54 | 10.80 | 14.0      | 57.2      | 7.36    | 584.8           | 5.36       | 6.07            | 127.9    |
| G208    | 2/13/2024 | 10:57 | 10.80 | 14.0      | 57.2      | 7.31    | 584.1           | 5.07       | 3.95            | 128.9    |
| G208    | 2/13/2024 | 11:00 | 10.80 | 14.0      | 57.2      | 7.29    | 582.7           | 4.91       | 2.77            | 129.4    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G209    | 2/13/2024 | 10:21 | 10.59 | 13.4      | 56.1      | 6.88    | 1,278.5         | 2.57       | 17.89           | 140.2    |
| G209    | 2/13/2024 | 10:24 | 10.59 | 13.5      | 56.3      | 6.85    | 1,277.9         | 2.13       | 13.12           | 140.1    |
| G209    | 2/13/2024 | 10:27 | 10.59 | 13.6      | 56.5      | 6.84    | 1,277.3         | 1.85       | 10.95           | 139.7    |
| G209    | 2/13/2024 | 10:30 | 10.59 | 13.6      | 56.5      | 6.83    | 1,277.6         | 1.65       | 6.89            | 139.2    |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G210    | 2/13/2024 | 9:36 | 11.71 | 13.4      | 56.1      | 7.20    | 939.1           | 5.18       | 23.80           | 129.6    |
| G210    | 2/13/2024 | 9:39 | 11.71 | 13.7      | 56.7      | 7.15    | 940.1           | 4.32       | 17.23           | 135.0    |
| G210    | 2/13/2024 | 9:42 | 11.71 | 13.6      | 56.5      | 7.13    | 940.0           | 3.95       | 15.16           | 137.1    |
| G210    | 2/13/2024 | 9:45 | 11.71 | 13.7      | 56.7      | 7.12    | 940.2           | 3.74       | 10.79           | 138.1    |
| G210    | 2/13/2024 | 9:48 | 11.71 | 13.7      | 56.7      | 7.12    | 941.5           | 3.57       | 11.31           | 138.6    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G211    | 2/14/2024 | 10:37 | 12.50 | 14.3      | 57.7      | 7.20    | 842.8           | 4.35       | 18.79           | 151.8    |
| G211    | 2/14/2024 | 10:40 | 12.50 | 14.4      | 57.9      | 7.18    | 841.8           | 3.85       | 14.94           | 151.1    |
| G211    | 2/14/2024 | 10:43 | 12.50 | 14.5      | 58.1      | 7.17    | 840.7           | 3.59       | 15.29           | 150.4    |
| G211    | 2/14/2024 | 10:46 | 12.50 | 14.5      | 58.1      | 7.17    | 841.2           | 3.41       | 14.18           | 149.7    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G212    | 2/14/2024 | 10:11 | 12.95 | 13.7      | 56.7      | 7.18    | 730.7           | 6.57       | 6.12            | 152.1    |
| G212    | 2/14/2024 | 10:14 | 12.95 | 13.8      | 56.8      | 7.13    | 733.8           | 5.37       | 4.34            | 152.1    |
| G212    | 2/14/2024 | 10:17 | 12.95 | 13.9      | 57.0      | 7.09    | 736.4           | 4.26       | 3.41            | 152.2    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G213    | 2/14/2024 | 9:46 | 13.23 | 13.7      | 56.7      | 6.96    | 722.7           | 5.18       | 24.40           | 157.7    |
| G213    | 2/14/2024 | 9:49 | 13.23 | 13.6      | 56.5      | 6.97    | 722.6           | 5.15       | 19.05           | 157.3    |
| G213    | 2/14/2024 | 9:52 | 13.23 | 13.6      | 56.5      | 6.97    | 722.8           | 5.01       | 14.63           | 157.1    |
| G213    | 2/14/2024 | 9:55 | 13.23 | 13.7      | 56.7      | 6.98    | 722.7           | 4.92       | 11.77           | 156.6    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G214    | 2/13/2024 | 14:31 | 16.06 | 14.4      | 57.9      | 7.12    | 1,028.2         | 3.05       | 14.14           | 114.0    |
| G214    | 2/13/2024 | 14:34 | 16.06 | 14.5      | 58.1      | 7.11    | 1,014.6         | 2.95       | 9.82            | 114.4    |
| G214    | 2/13/2024 | 14:37 | 16.06 | 14.5      | 58.1      | 7.09    | 1,011.7         | 2.71       | 7.95            | 114.8    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G215    | 2/13/2024 | 14:00 | 15.60 | 14.1      | 57.4      | 6.86    | 2,014.8         | 1.92       | 16.53           | 122.0    |
| G215    | 2/13/2024 | 14:03 | 15.60 | 14.1      | 57.4      | 6.86    | 2,015.6         | 1.72       | 15.32           | 122.0    |
| G215    | 2/13/2024 | 14:06 | 15.60 | 14.0      | 57.2      | 6.85    | 2,016.7         | 1.58       | 11.83           | 121.8    |
| G215    | 2/13/2024 | 14:09 | 15.60 | 14.1      | 57.4      | 6.85    | 2,016.1         | 1.51       | 11.96           | 121.6    |
| G215    | 2/13/2024 | 14:12 | 15.60 | 14.1      | 57.4      | 6.85    | 2,017.8         | 1.61       | 10.14           | 121.5    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G216    | 2/13/2024 | 13:24 | 14.88 | 14.5      | 58.1      | 6.83    | 2,205.5         | 1.17       | 26.09           | 110.4    |
| G216    | 2/13/2024 | 13:27 | 14.88 | 14.5      | 58.1      | 6.83    | 2,204.7         | 1.16       | 24.03           | 109.1    |
| G216    | 2/13/2024 | 13:30 | 14.88 | 14.5      | 58.1      | 6.83    | 2,206.0         | 1.15       | 18.90           | 107.7    |
| G216    | 2/13/2024 | 13:33 | 14.88 | 14.6      | 58.3      | 6.83    | 2,206.3         | 1.14       | 15.82           | 106.5    |
| G216    | 2/13/2024 | 13:36 | 14.88 | 14.6      | 58.3      | 6.83    | 2,205.1         | 1.12       | 12.31           | 105.1    |
| G216    | 2/13/2024 | 13:39 | 14.88 | 14.6      | 58.3      | 6.83    | 2,206.5         | 1.10       | 11.15           | 103.7    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G217    | 2/13/2024 | 12:28 | 16.17 | 14.2      | 57.6      | 6.97    | 1,591.7         | 3.55       | 17.31           | 129.0    |
| G217    | 2/13/2024 | 12:31 | 16.17 | 14.2      | 57.6      | 6.91    | 1,591.9         | 2.66       | 13.17           | 129.5    |
| G217    | 2/13/2024 | 12:34 | 16.17 | 14.2      | 57.6      | 6.88    | 1,591.5         | 2.15       | 11.43           | 129.4    |
| G217    | 2/13/2024 | 12:37 | 16.17 | 14.3      | 57.7      | 6.86    | 1,591.7         | 1.80       | 12.26           | 129.3    |
| G217    | 2/13/2024 | 12:40 | 16.17 | 14.2      | 57.6      | 6.85    | 1,593.3         | 1.56       | 11.23           | 128.9    |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G218    | 2/13/2024 | 12:05 | 15.07 | 14.0      | 57.2      | 6.94    | 1,547.5         | 3.22       | 19.12           | 125.0    |
| G218    | 2/13/2024 | 12:08 | 15.07 | 14.1      | 57.4      | 6.88    | 1,549.8         | 2.13       | 19.63           | 125.4    |
| G218    | 2/13/2024 | 12:11 | 15.07 | 14.2      | 57.6      | 6.86    | 1,564.1         | 1.69       | 20.20           | 125.2    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G270    | 2/19/2024 | 11:47 | 2.86 | 10.6      | 51.1      | 7.18    | 733.5           | 3.24       | 31.50           | 146.1    |
| G270    | 2/19/2024 | 11:50 | 2.86 | 10.6      | 51.1      | 7.16    | 733.3           | 3.12       | 27.13           | 146.4    |
| G270    | 2/19/2024 | 11:53 | 2.86 | 10.6      | 51.1      | 7.15    | 732.9           | 3.02       | 24.62           | 146.8    |
| G270    | 2/19/2024 | 11:56 | 2.86 | 10.6      | 51.1      | 7.15    | 733.0           | 2.98       | 23.96           | 147.0    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G271    | 2/19/2024 | 12:14 | 11.05 | 13.0      | 55.4      | 7.36    | 1,144.6         | 8.42       | 9.69            | 147.6    |
| G271    | 2/19/2024 | 12:17 | 11.05 | 13.0      | 55.4      | 7.31    | 1,063.3         | 6.54       | 10.55           | 148.5    |
| G271    | 2/19/2024 | 12:20 | 11.05 | 13.2      | 55.8      | 7.28    | 1,030.5         | 6.01       | 7.82            | 148.8    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G272    | 2/19/2024 | 12:42 | 10.25 | 13.0      | 55.4      | 7.32    | 1,301.3         | 6.37       | 30.40           | 150.3    |
| G272    | 2/19/2024 | 12:45 | 10.25 | 13.0      | 55.4      | 7.30    | 1,290.1         | 6.18       | 17.15           | 150.8    |
| G272    | 2/19/2024 | 12:48 | 10.25 | 13.0      | 55.4      | 7.28    | 1,293.0         | 5.89       | 10.94           | 151.3    |
| G272    | 2/19/2024 | 12:51 | 10.25 | 13.0      | 55.4      | 7.25    | 1,297.0         | 5.58       | 8.34            | 151.8    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G273    | 2/19/2024 | 13:12 | 10.95 | 13.5      | 56.3      | 7.06    | 1,661.5         | 2.83       | 27.92           | 147.7    |
| G273    | 2/19/2024 | 13:15 | 10.95 | 13.5      | 56.3      | 7.01    | 1,675.5         | 2.11       | 14.56           | 149.8    |
| G273    | 2/19/2024 | 13:18 | 10.95 | 13.6      | 56.5      | 6.99    | 1,680.5         | 1.76       | 9.78            | 151.0    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G274    | 2/19/2024 | 13:39 | 14.33 | 14.0      | 57.2      | 7.33    | 1,029.7         | 4.96       | 9.11            | 136.0    |
| G274    | 2/19/2024 | 13:42 | 14.33 | 13.9      | 57.0      | 7.22    | 984.7           | 3.80       | 3.96            | 140.1    |
| G274    | 2/19/2024 | 13:45 | 14.33 | 13.8      | 56.8      | 7.13    | 1,043.2         | 2.98       | 2.04            | 143.2    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G275    | 2/19/2024 | 14:15 | 13.35 | 12.4      | 54.3      | 7.04    | 1,411.8         | 4.53       | 14.32           | 128.9    |
| G275    | 2/19/2024 | 14:18 | 13.35 | 12.7      | 54.9      | 6.98    | 1,410.2         | 4.21       | 10.20           | 132.1    |
| G275    | 2/19/2024 | 14:21 | 13.35 | 12.9      | 55.2      | 6.95    | 1,407.7         | 4.06       | 5.69            | 134.4    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G275D   | 2/19/2024 | 13:59 | 38.99 | 14.2      | 57.6      | 7.20    | 1,492.6         | 4.04       | 8.13            | 130.3    |
| G275D   | 2/19/2024 | 14:02 | 38.99 | 13.6      | 56.5      | 7.18    | 1,502.1         | 2.50       | 9.19            | 129.6    |
| G275D   | 2/19/2024 | 14:05 | 38.99 | 13.8      | 56.8      | 7.19    | 1,501.8         | 1.91       | 13.32           | 129.9    |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G276    | 2/20/2024 | 9:09 | 27.70 | 13.1      | 55.6      | 6.16    | 1,384.6         | 7.47       | 21.75           | 177.8    |
| G276    | 2/20/2024 | 9:12 | 27.70 | 12.8      | 55.0      | 6.45    | 1,346.2         | 6.37       | 57.17           | 178.7    |
| G276    | 2/20/2024 | 9:15 | 27.70 | 12.2      | 54.0      | 6.57    | 1,342.8         | 5.54       | 34.08           | 176.7    |
| G276    | 2/20/2024 | 9:18 | 27.70 | 12.0      | 53.6      | 6.66    | 1,345.8         | 6.31       | 17.62           | 174.7    |
| G276    | 2/20/2024 | 9:21 | 27.70 | 12.2      | 54.0      | 6.68    | 1,348.3         | 5.92       | 16.95           | 173.7    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G277    | 2/20/2024 | 9:34 | 20.26 | 12.3      | 54.1      | 6.83    | 1,984.9         | 7.62       | 16.18           | 169.1    |
| G277    | 2/20/2024 | 9:37 | 20.26 | 12.3      | 54.1      | 6.69    | 1,931.0         | 5.53       | 17.43           | 172.1    |
| G277    | 2/20/2024 | 9:40 | 20.26 | 12.4      | 54.3      | 6.65    | 1,910.1         | 4.41       | 11.76           | 172.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G278    | 2/15/2024 | 10:54 | 25.14 | 12.7      | 54.9      | 6.63    | 3,561.9         | 2.27       | 20.28           | 149.1    |
| G278    | 2/15/2024 | 10:57 | 25.14 | 12.8      | 55.0      | 6.64    | 3,555.7         | 1.88       | 25.94           | 147.9    |
| G278    | 2/15/2024 | 11:00 | 25.14 | 12.9      | 55.2      | 6.65    | 3,524.0         | 1.65       | 20.88           | 146.7    |
| G278    | 2/15/2024 | 11:03 | 25.14 | 12.8      | 55.0      | 6.65    | 3,507.0         | 1.48       | 7.42            | 145.9    |
| G278    | 2/15/2024 | 10:54 | 25.14 | 12.7      | 54.9      | 6.63    | 3,561.9         | 2.27       | 20.28           | 149.1    |
| G278    | 2/15/2024 | 10:57 | 25.14 | 12.8      | 55.0      | 6.64    | 3,555.7         | 1.88       | 25.94           | 147.9    |
| G278    | 2/15/2024 | 11:00 | 25.14 | 12.9      | 55.2      | 6.65    | 3,524.0         | 1.65       | 20.88           | 146.7    |
| G278    | 2/15/2024 | 11:03 | 25.14 | 12.8      | 55.0      | 6.65    | 3,507.0         | 1.48       | 7.42            | 145.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G279    | 2/20/2024 | 10:19 | 24.63 | 12.8      | 55.0      | 7.05    | 7,213.0         | 8.64       | 2.84            | 174.7    |
| G279    | 2/20/2024 | 10:22 | 24.63 | 13.9      | 57.0      | 6.85    | 6,595.6         | 5.20       | 3.94            | 174.0    |
| G279    | 2/20/2024 | 10:25 | 24.63 | 14.3      | 57.7      | 6.75    | 5,991.5         | 3.65       | 4.72            | 173.7    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G280    | 2/20/2024 | 11:01 | 6.40 | 12.2      | 54.0      | 7.44    | 888.4           | 4.15       | 30.29           | 131.9    |
| G280    | 2/20/2024 | 11:04 | 6.40 | 12.1      | 53.8      | 7.40    | 885.0           | 3.87       | 31.84           | 133.7    |
| G280    | 2/20/2024 | 11:07 | 6.40 | 12.1      | 53.8      | 7.38    | 883.3           | 3.66       | 27.48           | 134.9    |
| G280    | 2/20/2024 | 11:10 | 6.40 | 12.2      | 54.0      | 7.36    | 883.1           | 3.51       | 26.73           | 135.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G281    | 2/15/2024 | 14:16 | 5.91 | 12.7      | 54.9      | 6.93    | 1,367.9         | 2.68       | 33.43           | 154.8    |
| G281    | 2/15/2024 | 14:19 | 5.91 | 12.8      | 55.0      | 6.92    | 1,367.9         | 2.59       | 30.45           | 155.2    |
| G281    | 2/15/2024 | 14:22 | 5.91 | 12.8      | 55.0      | 6.92    | 1,368.1         | 2.53       | 31.10           | 155.5    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G283    | 2/21/2024 | 9:47  | 5.30 | 10.9      | 51.6      | 6.85    | 1,273.2         | 1.65       | 63.54           | 160.2    |
| G283    | 2/21/2024 | 9:50  | 5.30 | 10.9      | 51.6      | 6.85    | 1,271.7         | 1.48       | 56.58           | 159.6    |
| G283    | 2/21/2024 | 9:53  | 5.30 | 10.9      | 51.6      | 6.85    | 1,270.4         | 1.36       | 50.53           | 159.0    |
| G283    | 2/21/2024 | 9:56  | 5.30 | 11.0      | 51.8      | 6.86    | 1,268.5         | 1.27       | 46.20           | 158.4    |
| G283    | 2/21/2024 | 9:59  | 5.30 | 10.9      | 51.6      | 6.86    | 1,265.3         | 1.17       | 37.64           | 157.9    |
| G283    | 2/21/2024 | 10:02 | 5.30 | 10.9      | 51.6      | 6.87    | 1,272.0         | 1.12       | 32.91           | 157.3    |
| G283    | 2/21/2024 | 10:05 | 5.30 | 10.9      | 51.6      | 6.87    | 1,273.4         | 1.08       | 26.23           | 156.9    |
| G283    | 2/21/2024 | 10:08 | 5.30 | 11.0      | 51.8      | 6.87    | 1,272.2         | 1.04       | 24.05           | 156.5    |
| G283    | 2/21/2024 | 10:11 | 5.30 | 11.1      | 52.0      | 6.88    | 1,271.7         | 1.01       | 22.65           | 156.0    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G284    | 2/20/2024 | 14:20 | 11.77 | 11.7      | 53.1      | 7.15    | 646.1           | 3.03       | 5.28            | 128.4    |
| G284    | 2/20/2024 | 14:23 | 11.77 | 11.7      | 53.1      | 7.14    | 650.2           | 2.73       | 3.76            | 128.4    |
| G284    | 2/20/2024 | 14:26 | 11.77 | 11.7      | 53.1      | 7.13    | 653.4           | 2.51       | 2.87            | 128.4    |
| G284    | 2/20/2024 | 14:20 | 11.77 | 11.7      | 53.1      | 7.15    | 646.1           | 3.03       | 5.28            | 128.4    |
| G284    | 2/20/2024 | 14:23 | 11.77 | 11.7      | 53.1      | 7.14    | 650.2           | 2.73       | 3.76            | 128.4    |
| G284    | 2/20/2024 | 14:26 | 11.77 | 11.7      | 53.1      | 7.13    | 653.4           | 2.51       | 2.87            | 128.4    |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G285    | 2/20/2024 | 13:12 | 6.65 | 12.3      | 54.1      | 6.73    | 1,556.4         | 0.64       | 32.03           | 128.1    |
| G285    | 2/20/2024 | 13:15 | 6.65 | 12.3      | 54.1      | 6.74    | 1,556.7         | 0.58       | 13.54           | 127.5    |
| G285    | 2/20/2024 | 13:18 | 6.65 | 12.4      | 54.3      | 6.74    | 1,558.9         | 0.53       | 12.10           | 126.9    |
| G285    | 2/20/2024 | 13:12 | 6.65 | 12.3      | 54.1      | 6.73    | 1,556.4         | 0.64       | 32.03           | 128.1    |
| G285    | 2/20/2024 | 13:15 | 6.65 | 12.3      | 54.1      | 6.74    | 1,556.7         | 0.58       | 13.54           | 127.5    |
| G285    | 2/20/2024 | 13:18 | 6.65 | 12.4      | 54.3      | 6.74    | 1,558.9         | 0.53       | 12.10           | 126.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G301    | 2/19/2024 | 11:54 | 6.95 | 12.2      | 54.0      | 6.64    | 999.7           | 0.82       | 41.03           | 109.6    |
| G301    | 2/19/2024 | 11:57 | 6.95 | 12.2      | 54.0      | 6.61    | 997.2           | 0.76       | 36.47           | 109.8    |
| G301    | 2/19/2024 | 12:00 | 6.95 | 12.2      | 54.0      | 6.60    | 993.5           | 0.74       | 27.25           | 109.9    |
| G301    | 2/19/2024 | 12:03 | 6.95 | 12.2      | 54.0      | 6.59    | 991.1           | 0.72       | 22.24           | 109.9    |
| G301    | 2/19/2024 | 11:54 | 6.95 | 12.2      | 54.0      | 6.64    | 999.7           | 0.82       | 41.03           | 109.6    |
| G301    | 2/19/2024 | 11:57 | 6.95 | 12.2      | 54.0      | 6.61    | 997.2           | 0.76       | 36.47           | 109.8    |
| G301    | 2/19/2024 | 12:00 | 6.95 | 12.2      | 54.0      | 6.60    | 993.5           | 0.74       | 27.25           | 109.9    |
| G301    | 2/19/2024 | 12:03 | 6.95 | 12.2      | 54.0      | 6.59    | 991.1           | 0.72       | 22.24           | 109.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G302    | 2/19/2024 | 13:15 | 9.55 | 12.4      | 54.3      | 6.70    | 1,381.0         | 1.87       | 230.63          | 6.0      |
| G302    | 2/19/2024 | 13:18 | 9.55 | 12.4      | 54.3      | 6.68    | 1,368.2         | 1.78       | 146.43          | 11.8     |
| G302    | 2/19/2024 | 13:21 | 9.55 | 12.4      | 54.3      | 6.67    | 1,364.8         | 1.67       | 96.96           | 17.2     |
| G302    | 2/19/2024 | 13:24 | 9.55 | 12.5      | 54.5      | 6.67    | 1,367.7         | 1.71       | 76.08           | 21.6     |
| G302    | 2/19/2024 | 13:27 | 9.55 | 12.5      | 54.5      | 6.66    | 1,371.4         | 1.64       | 69.26           | 25.0     |
| G302    | 2/19/2024 | 13:15 | 9.55 | 12.4      | 54.3      | 6.70    | 1,381.0         | 1.87       | 230.63          | 6.0      |
| G302    | 2/19/2024 | 13:18 | 9.55 | 12.4      | 54.3      | 6.68    | 1,368.2         | 1.78       | 146.43          | 11.8     |
| G302    | 2/19/2024 | 13:21 | 9.55 | 12.4      | 54.3      | 6.67    | 1,364.8         | 1.67       | 96.96           | 17.2     |
| G302    | 2/19/2024 | 13:24 | 9.55 | 12.5      | 54.5      | 6.67    | 1,367.7         | 1.71       | 76.08           | 21.6     |
| G302    | 2/19/2024 | 13:27 | 9.55 | 12.5      | 54.5      | 6.66    | 1,371.4         | 1.64       | 69.26           | 25.0     |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G303    | 2/14/2024 | 10:14 | 5.72 | 11.7      | 53.1      | 6.69    | 1,767.5         | 1.97       | 15.54           | 117.3    |
| G303    | 2/14/2024 | 10:17 | 5.72 | 11.7      | 53.1      | 6.69    | 1,759.7         | 1.75       | 22.35           | 117.0    |
| G303    | 2/14/2024 | 10:20 | 5.72 | 11.7      | 53.1      | 6.69    | 1,759.0         | 1.55       | 24.71           | 116.8    |
| G303    | 2/14/2024 | 10:23 | 5.72 | 11.7      | 53.1      | 6.69    | 1,751.6         | 1.38       | 30.79           | 116.5    |
| G303    | 2/14/2024 | 10:14 | 5.72 | 11.7      | 53.1      | 6.69    | 1,767.5         | 1.97       | 15.54           | 117.3    |
| G303    | 2/14/2024 | 10:17 | 5.72 | 11.7      | 53.1      | 6.69    | 1,759.7         | 1.75       | 22.35           | 117.0    |
| G303    | 2/14/2024 | 10:20 | 5.72 | 11.7      | 53.1      | 6.69    | 1,759.0         | 1.55       | 24.71           | 116.8    |
| G303    | 2/14/2024 | 10:23 | 5.72 | 11.7      | 53.1      | 6.69    | 1,751.6         | 1.38       | 30.79           | 116.5    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G305    | 2/19/2024 | 14:47 | 6.66 | 13.1      | 55.6      | 7.20    | 1,438.6         | 1.17       | 38.86           | 97.9     |
| G305    | 2/19/2024 | 14:50 | 6.66 | 13.1      | 55.6      | 7.18    | 1,437.6         | 0.84       | 26.42           | 97.0     |
| G305    | 2/19/2024 | 14:53 | 6.66 | 13.2      | 55.8      | 7.17    | 1,439.3         | 0.71       | 20.30           | 96.3     |
| G305    | 2/19/2024 | 14:56 | 6.66 | 13.1      | 55.6      | 7.16    | 1,443.0         | 0.64       | 23.73           | 95.6     |
| G305    | 2/19/2024 | 14:47 | 6.66 | 13.1      | 55.6      | 7.20    | 1,438.6         | 1.17       | 38.86           | 97.9     |
| G305    | 2/19/2024 | 14:50 | 6.66 | 13.1      | 55.6      | 7.18    | 1,437.6         | 0.84       | 26.42           | 97.0     |
| G305    | 2/19/2024 | 14:53 | 6.66 | 13.2      | 55.8      | 7.17    | 1,439.3         | 0.71       | 20.30           | 96.3     |
| G305    | 2/19/2024 | 14:56 | 6.66 | 13.1      | 55.6      | 7.16    | 1,443.0         | 0.64       | 23.73           | 95.6     |

Site Samping Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G306    | 2/14/2024 | 11:11 | 6.78 | 12.5      | 54.5      | 6.66    | 690.4           | 5.39       | 34.66           | 129.9    |
| G306    | 2/14/2024 | 11:14 | 6.78 | 12.6      | 54.7      | 6.62    | 694.8           | 5.01       | 25.39           | 131.2    |
| G306    | 2/14/2024 | 11:17 | 6.78 | 12.6      | 54.7      | 6.59    | 698.4           | 4.60       | 20.88           | 132.2    |
| G306    | 2/14/2024 | 11:20 | 6.78 | 12.8      | 55.0      | 6.54    | 697.7           | 4.12       | 20.39           | 133.2    |
| G306    | 2/14/2024 | 11:23 | 6.78 | 12.7      | 54.9      | 6.49    | 692.9           | 3.66       | 20.80           | 134.2    |
| G306    | 2/14/2024 | 11:26 | 6.78 | 12.8      | 55.0      | 6.44    | 683.4           | 3.24       | 22.68           | 135.2    |
| G306    | 2/14/2024 | 11:29 | 6.78 | 12.8      | 55.0      | 6.40    | 676.3           | 2.91       | 26.57           | 136.0    |
| G306    | 2/14/2024 | 11:32 | 6.78 | 12.8      | 55.0      | 6.37    | 670.6           | 2.65       | 27.82           | 136.6    |
| G306    | 2/14/2024 | 11:35 | 6.78 | 12.9      | 55.2      | 6.34    | 663.0           | 2.42       | 30.08           | 137.2    |
| G306    | 2/14/2024 | 11:11 | 6.78 | 12.5      | 54.5      | 6.66    | 690.4           | 5.39       | 34.66           | 129.9    |
| G306    | 2/14/2024 | 11:14 | 6.78 | 12.6      | 54.7      | 6.62    | 694.8           | 5.01       | 25.39           | 131.2    |
| G306    | 2/14/2024 | 11:17 | 6.78 | 12.6      | 54.7      | 6.59    | 698.4           | 4.60       | 20.88           | 132.2    |
| G306    | 2/14/2024 | 11:20 | 6.78 | 12.8      | 55.0      | 6.54    | 697.7           | 4.12       | 20.39           | 133.2    |
| G306    | 2/14/2024 | 11:23 | 6.78 | 12.7      | 54.9      | 6.49    | 692.9           | 3.66       | 20.80           | 134.2    |
| G306    | 2/14/2024 | 11:26 | 6.78 | 12.8      | 55.0      | 6.44    | 683.4           | 3.24       | 22.68           | 135.2    |
| G306    | 2/14/2024 | 11:29 | 6.78 | 12.8      | 55.0      | 6.40    | 676.3           | 2.91       | 26.57           | 136.0    |
| G306    | 2/14/2024 | 11:32 | 6.78 | 12.8      | 55.0      | 6.37    | 670.6           | 2.65       | 27.82           | 136.6    |
| G306    | 2/14/2024 | 11:35 | 6.78 | 12.9      | 55.2      | 6.34    | 663.0           | 2.42       | 30.08           | 137.2    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G307    | 2/14/2024 | 14:46 | 0.05 | 14.7      | 58.5      | 6.93    | 1,046.9         | 1.28       | 339.87          | 99.3     |
| G307    | 2/14/2024 | 14:49 | 0.05 | 14.8      | 58.6      | 6.93    | 1,048.2         | 1.23       | 335.02          | 99.2     |
| G307    | 2/14/2024 | 14:52 | 0.05 | 14.8      | 58.6      | 6.93    | 1,047.0         | 1.17       | 303.02          | 99.0     |
| G307    | 2/14/2024 | 14:55 | 0.05 | 14.8      | 58.6      | 6.93    | 1,046.9         | 1.12       | 280.82          | 98.8     |
| G307    | 2/14/2024 | 14:58 | 0.05 | 14.8      | 58.6      | 6.93    | 1,046.5         | 1.09       | 256.42          | 98.6     |
| G307    | 2/14/2024 | 14:46 | 0.05 | 14.7      | 58.5      | 6.93    | 1,046.9         | 1.28       | 339.87          | 99.3     |
| G307    | 2/14/2024 | 14:49 | 0.05 | 14.8      | 58.6      | 6.93    | 1,048.2         | 1.23       | 335.02          | 99.2     |
| G307    | 2/14/2024 | 14:52 | 0.05 | 14.8      | 58.6      | 6.93    | 1,047.0         | 1.17       | 303.02          | 99.0     |
| G307    | 2/14/2024 | 14:55 | 0.05 | 14.8      | 58.6      | 6.93    | 1,046.9         | 1.12       | 280.82          | 98.8     |
| G307    | 2/14/2024 | 14:58 | 0.05 | 14.8      | 58.6      | 6.93    | 1,046.5         | 1.09       | 256.42          | 98.6     |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G307D   | 2/14/2024 | 13:21 | 5.04 | 13.9      | 57.0      | 7.09    | 1,238.1         | 0.73       | 41.40           | 5.1      |
| G307D   | 2/14/2024 | 13:24 | 5.04 | 14.0      | 57.2      | 7.08    | 1,239.0         | 0.63       | 31.68           | -2.1     |
| G307D   | 2/14/2024 | 13:27 | 5.04 | 14.0      | 57.2      | 7.09    | 1,225.6         | 1.11       | 32.67           | -1.0     |
| G307D   | 2/14/2024 | 13:30 | 5.04 | 14.1      | 57.4      | 7.08    | 1,214.3         | 1.77       | 35.03           | 8.2      |
| G307D   | 2/14/2024 | 13:33 | 5.04 | 14.2      | 57.6      | 7.08    | 1,209.1         | 2.17       | 22.07           | 17.0     |
| G307D   | 2/14/2024 | 13:36 | 5.04 | 14.3      | 57.7      | 7.07    | 1,207.5         | 2.35       | 19.15           | 23.1     |
| G307D   | 2/14/2024 | 13:39 | 5.04 | 14.2      | 57.6      | 7.07    | 1,212.3         | 2.44       | 17.09           | 27.4     |
| G307D   | 2/14/2024 | 13:42 | 5.04 | 14.1      | 57.4      | 7.07    | 1,207.3         | 2.50       | 16.04           | 30.5     |
| G307D   | 2/14/2024 | 13:21 | 5.04 | 13.9      | 57.0      | 7.09    | 1,238.1         | 0.73       | 41.40           | 5.1      |
| G307D   | 2/14/2024 | 13:24 | 5.04 | 14.0      | 57.2      | 7.08    | 1,239.0         | 0.63       | 31.68           | -2.1     |
| G307D   | 2/14/2024 | 13:27 | 5.04 | 14.0      | 57.2      | 7.09    | 1,225.6         | 1.11       | 32.67           | -1.0     |
| G307D   | 2/14/2024 | 13:30 | 5.04 | 14.1      | 57.4      | 7.08    | 1,214.3         | 1.77       | 35.03           | 8.2      |
| G307D   | 2/14/2024 | 13:33 | 5.04 | 14.2      | 57.6      | 7.08    | 1,209.1         | 2.17       | 22.07           | 17.0     |
| G307D   | 2/14/2024 | 13:36 | 5.04 | 14.3      | 57.7      | 7.07    | 1,207.5         | 2.35       | 19.15           | 23.1     |
| G307D   | 2/14/2024 | 13:39 | 5.04 | 14.2      | 57.6      | 7.07    | 1,212.3         | 2.44       | 17.09           | 27.4     |
| G307D   | 2/14/2024 | 13:42 | 5.04 | 14.1      | 57.4      | 7.07    | 1,207.3         | 2.50       | 16.04           | 30.5     |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G308    | 2/16/2024 | 9:55  | 4.79 | 11.1      | 52.0      | 7.08    | 1,525.5         | 0.87       | 12.05           | 120.1    |
| G308    | 2/16/2024 | 9:58  | 4.79 | 11.1      | 52.0      | 7.08    | 1,532.2         | 0.70       | 10.49           | 119.9    |
| G308    | 2/16/2024 | 10:01 | 4.79 | 11.2      | 52.2      | 7.08    | 1,533.8         | 0.62       | 8.39            | 119.6    |
| G308    | 2/16/2024 | 10:04 | 4.79 | 11.3      | 52.3      | 7.08    | 1,533.1         | 0.56       | 6.78            | 119.4    |
| G308    | 2/16/2024 | 9:55  | 4.79 | 11.1      | 52.0      | 7.08    | 1,525.5         | 0.87       | 12.05           | 120.1    |
| G308    | 2/16/2024 | 9:58  | 4.79 | 11.1      | 52.0      | 7.08    | 1,532.2         | 0.70       | 10.49           | 119.9    |
| G308    | 2/16/2024 | 10:01 | 4.79 | 11.2      | 52.2      | 7.08    | 1,533.8         | 0.62       | 8.39            | 119.6    |
| G308    | 2/16/2024 | 10:04 | 4.79 | 11.3      | 52.3      | 7.08    | 1,533.1         | 0.56       | 6.78            | 119.4    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G310    | 2/19/2024 | 11:15 | 8.78 | 12.6      | 54.7      | 7.09    | 1,136.7         | 0.66       | 4.13            | 93.4     |
| G310    | 2/19/2024 | 11:18 | 8.78 | 12.6      | 54.7      | 7.08    | 1,137.9         | 0.60       | 3.29            | 93.4     |
| G310    | 2/19/2024 | 11:21 | 8.78 | 12.6      | 54.7      | 7.07    | 1,139.8         | 0.55       | 2.44            | 93.4     |
| G310    | 2/19/2024 | 11:24 | 8.78 | 12.7      | 54.9      | 7.07    | 1,141.7         | 0.52       | 2.32            | 93.4     |
| G310    | 2/19/2024 | 11:15 | 8.78 | 12.6      | 54.7      | 7.09    | 1,136.7         | 0.66       | 4.13            | 93.4     |
| G310    | 2/19/2024 | 11:18 | 8.78 | 12.6      | 54.7      | 7.08    | 1,137.9         | 0.60       | 3.29            | 93.4     |
| G310    | 2/19/2024 | 11:21 | 8.78 | 12.6      | 54.7      | 7.07    | 1,139.8         | 0.55       | 2.44            | 93.4     |
| G310    | 2/19/2024 | 11:24 | 8.78 | 12.7      | 54.9      | 7.07    | 1,141.7         | 0.52       | 2.32            | 93.4     |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G312    | 2/19/2024 | 14:02 | 11.95 | 12.5      | 54.5      | 6.38    | 1,193.1         | 1.47       | 3.56            | 78.9     |
| G312    | 2/19/2024 | 14:05 | 11.95 | 12.6      | 54.7      | 6.35    | 1,269.5         | 1.27       | 2.78            | 80.3     |
| G312    | 2/19/2024 | 14:08 | 11.95 | 12.6      | 54.7      | 6.33    | 1,361.5         | 1.20       | 3.07            | 82.3     |
| G312    | 2/19/2024 | 14:11 | 11.95 | 12.6      | 54.7      | 6.33    | 1,454.0         | 1.15       | 3.37            | 83.9     |
| G312    | 2/19/2024 | 14:02 | 11.95 | 12.5      | 54.5      | 6.38    | 1,193.1         | 1.47       | 3.56            | 78.9     |
| G312    | 2/19/2024 | 14:05 | 11.95 | 12.6      | 54.7      | 6.35    | 1,269.5         | 1.27       | 2.78            | 80.3     |
| G312    | 2/19/2024 | 14:08 | 11.95 | 12.6      | 54.7      | 6.33    | 1,361.5         | 1.20       | 3.07            | 82.3     |
| G312    | 2/19/2024 | 14:11 | 11.95 | 12.6      | 54.7      | 6.33    | 1,454.0         | 1.15       | 3.37            | 83.9     |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G313    | 2/13/2024 | 14:10 | 3.71 | 12.3      | 54.1      | 6.78    | 1,621.3         | 0.39       | 23.16           | 94.0     |
| G313    | 2/13/2024 | 14:13 | 3.71 | 12.3      | 54.1      | 6.78    | 1,624.5         | 0.37       | 26.06           | 93.0     |
| G313    | 2/13/2024 | 14:16 | 3.71 | 12.2      | 54.0      | 6.78    | 1,625.1         | 0.36       | 31.60           | 92.1     |
| G313    | 2/13/2024 | 14:19 | 3.71 | 12.2      | 54.0      | 6.78    | 1,625.5         | 0.34       | 33.28           | 91.4     |
| G313    | 2/13/2024 | 14:10 | 3.71 | 12.3      | 54.1      | 6.78    | 1,621.3         | 0.39       | 23.16           | 94.0     |
| G313    | 2/13/2024 | 14:13 | 3.71 | 12.3      | 54.1      | 6.78    | 1,624.5         | 0.37       | 26.06           | 93.0     |
| G313    | 2/13/2024 | 14:16 | 3.71 | 12.2      | 54.0      | 6.78    | 1,625.1         | 0.36       | 31.60           | 92.1     |
| G313    | 2/13/2024 | 14:19 | 3.71 | 12.2      | 54.0      | 6.78    | 1,625.5         | 0.34       | 33.28           | 91.4     |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G314    | 2/13/2024 | 13:02 | 6.70 | 11.9      | 53.4      | 6.56    | 2,981.7         | 0.69       | 49.58           | 12.6     |
| G314    | 2/13/2024 | 13:05 | 6.70 | 11.8      | 53.2      | 6.56    | 2,974.7         | 0.60       | 103.37          | 8.2      |
| G314    | 2/13/2024 | 13:08 | 6.70 | 11.8      | 53.2      | 6.56    | 2,974.7         | 0.56       | 69.19           | 5.9      |
| G314    | 2/13/2024 | 13:11 | 6.70 | 11.8      | 53.2      | 6.56    | 2,975.1         | 0.54       | 116.64          | 4.9      |
| G314    | 2/13/2024 | 13:02 | 6.70 | 11.9      | 53.4      | 6.56    | 2,981.7         | 0.69       | 49.58           | 12.6     |
| G314    | 2/13/2024 | 13:05 | 6.70 | 11.8      | 53.2      | 6.56    | 2,974.7         | 0.60       | 103.37          | 8.2      |
| G314    | 2/13/2024 | 13:08 | 6.70 | 11.8      | 53.2      | 6.56    | 2,974.7         | 0.56       | 69.19           | 5.9      |
| G314    | 2/13/2024 | 13:11 | 6.70 | 11.8      | 53.2      | 6.56    | 2,975.1         | 0.54       | 116.64          | 4.9      |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G314D   | 2/13/2024 | 12:08 | 6.15 | 12.2      | 54.0      | 6.82    | 2,460.9         | 0.61       | 61.66           | 25.2     |
| G314D   | 2/13/2024 | 12:11 | 6.15 | 12.4      | 54.3      | 6.81    | 2,484.4         | 0.51       | 61.63           | 7.9      |
| G314D   | 2/13/2024 | 12:14 | 6.15 | 12.5      | 54.5      | 6.81    | 2,510.3         | 0.46       | 32.06           | -3.1     |
| G314D   | 2/13/2024 | 12:17 | 6.15 | 12.4      | 54.3      | 6.80    | 2,518.9         | 0.43       | 84.05           | -10.3    |
| G314D   | 2/13/2024 | 12:20 | 6.15 | 12.5      | 54.5      | 6.80    | 2,524.5         | 0.40       | 115.06          | -15.6    |
| G314D   | 2/13/2024 | 12:08 | 6.15 | 12.2      | 54.0      | 6.82    | 2,460.9         | 0.61       | 61.66           | 25.2     |
| G314D   | 2/13/2024 | 12:11 | 6.15 | 12.4      | 54.3      | 6.81    | 2,484.4         | 0.51       | 61.63           | 7.9      |
| G314D   | 2/13/2024 | 12:14 | 6.15 | 12.5      | 54.5      | 6.81    | 2,510.3         | 0.46       | 32.06           | -3.1     |
| G314D   | 2/13/2024 | 12:17 | 6.15 | 12.4      | 54.3      | 6.80    | 2,518.9         | 0.43       | 84.05           | -10.3    |
| G314D   | 2/13/2024 | 12:20 | 6.15 | 12.5      | 54.5      | 6.80    | 2,524.5         | 0.40       | 115.06          | -15.6    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G315    | 2/14/2024 | 12:36 | 2.40 | 11.7      | 53.1      | 6.71    | 1,162.1         | 0.85       | 6.55            | 154.4    |
| G315    | 2/14/2024 | 12:39 | 2.40 | 11.8      | 53.2      | 6.70    | 1,160.3         | 0.73       | 5.16            | 154.0    |
| G315    | 2/14/2024 | 12:42 | 2.40 | 11.8      | 53.2      | 6.69    | 1,160.0         | 0.66       | 3.73            | 153.6    |
| G315    | 2/14/2024 | 12:45 | 2.40 | 11.8      | 53.2      | 6.69    | 1,161.3         | 0.62       | 3.06            | 153.2    |
| G315    | 2/14/2024 | 12:36 | 2.40 | 11.7      | 53.1      | 6.71    | 1,162.1         | 0.85       | 6.55            | 154.4    |
| G315    | 2/14/2024 | 12:39 | 2.40 | 11.8      | 53.2      | 6.70    | 1,160.3         | 0.73       | 5.16            | 154.0    |
| G315    | 2/14/2024 | 12:42 | 2.40 | 11.8      | 53.2      | 6.69    | 1,160.0         | 0.66       | 3.73            | 153.6    |
| G315    | 2/14/2024 | 12:45 | 2.40 | 11.8      | 53.2      | 6.69    | 1,161.3         | 0.62       | 3.06            | 153.2    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G316    | 2/13/2024 | 11:22 | 11.91 | 10.8      | 51.4      | 6.86    | 1,716.8         | 1.06       | 2.93            | -51.1    |
| G316    | 2/13/2024 | 11:25 | 11.91 | 10.8      | 51.4      | 6.87    | 1,727.6         | 0.88       | 1.81            | -58.3    |
| G316    | 2/13/2024 | 11:28 | 11.91 | 10.9      | 51.6      | 6.87    | 1,734.0         | 0.78       | 1.23            | -63.8    |
| G316    | 2/13/2024 | 11:31 | 11.91 | 10.9      | 51.6      | 6.87    | 1,742.0         | 0.68       | 1.21            | -68.4    |
| G316    | 2/13/2024 | 11:22 | 11.91 | 10.8      | 51.4      | 6.86    | 1,716.8         | 1.06       | 2.93            | -51.1    |
| G316    | 2/13/2024 | 11:25 | 11.91 | 10.8      | 51.4      | 6.87    | 1,727.6         | 0.88       | 1.81            | -58.3    |
| G316    | 2/13/2024 | 11:28 | 11.91 | 10.9      | 51.6      | 6.87    | 1,734.0         | 0.78       | 1.23            | -63.8    |
| G316    | 2/13/2024 | 11:31 | 11.91 | 10.9      | 51.6      | 6.87    | 1,742.0         | 0.68       | 1.21            | -68.4    |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G401    | 2/21/2024 | 12:37 | 21.96 | 16.0      | 60.8      | 5.45    | 2,975.6         | 2.95       | 119.74          | 194.6    |
| G401    | 2/21/2024 | 12:40 | 21.96 | 15.9      | 60.6      | 5.59    | 2,987.4         | 2.01       | 63.36           | 186.4    |
| G401    | 2/21/2024 | 12:43 | 21.96 | 15.9      | 60.6      | 5.65    | 2,987.4         | 1.62       | 23.61           | 181.2    |
| G401    | 2/21/2024 | 12:46 | 21.96 | 15.8      | 60.4      | 5.68    | 2,985.8         | 1.38       | 9.98            | 177.0    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G402    | 2/21/2024 | 13:35 | 9.81 | 14.0      | 57.2      | 6.68    | 1,713.5         | 3.28       | 35.88           | 145.6    |
| G402    | 2/21/2024 | 13:38 | 9.81 | 13.9      | 57.0      | 6.71    | 1,712.5         | 3.34       | 30.30           | 146.4    |
| G402    | 2/21/2024 | 13:41 | 9.81 | 13.9      | 57.0      | 6.73    | 1,710.7         | 3.64       | 28.79           | 146.8    |
| G402    | 2/21/2024 | 13:44 | 9.81 | 13.9      | 57.0      | 6.75    | 1,711.6         | 4.12       | 29.32           | 147.0    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G403    | 2/21/2024 | 11:37 | 6.41 | 13.3      | 55.9      | 6.92    | 739.2           | 3.02       | 21.68           | 144.2    |
| G403    | 2/21/2024 | 11:40 | 6.41 | 13.3      | 55.9      | 6.89    | 738.2           | 2.74       | 11.56           | 145.5    |
| G403    | 2/21/2024 | 11:43 | 6.41 | 13.3      | 55.9      | 6.88    | 738.3           | 2.57       | 7.53            | 146.4    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G404    | 2/21/2024 | 10:31 | 4.30 | 11.5      | 52.7      | 6.84    | 1,840.3         | 3.87       | 17.06           | 153.1    |
| G404    | 2/21/2024 | 10:34 | 4.30 | 11.4      | 52.5      | 6.82    | 1,443.7         | 3.11       | 9.21            | 151.9    |
| G404    | 2/21/2024 | 10:37 | 4.30 | 11.2      | 52.2      | 6.84    | 1,262.6         | 3.13       | 5.14            | 151.4    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G405    | 2/21/2024 | 10:57 | 6.30 | 12.1      | 53.8      | 7.12    | 1,862.6         | 5.57       | 25.43           | 145.6    |
| G405    | 2/21/2024 | 11:00 | 6.30 | 12.4      | 54.3      | 6.97    | 1,845.0         | 4.31       | 24.64           | 149.2    |
| G405    | 2/21/2024 | 11:03 | 6.30 | 12.4      | 54.3      | 6.90    | 1,950.9         | 3.61       | 13.09           | 151.4    |
| G405    | 2/21/2024 | 11:06 | 6.30 | 12.6      | 54.7      | 6.87    | 1,996.4         | 3.12       | 10.95           | 152.3    |
| G405    | 2/21/2024 | 11:09 | 6.30 | 12.5      | 54.5      | 6.85    | 2,026.2         | 2.81       | 8.87            | 152.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G406    | 2/21/2024 | 12:05 | 12.13 | 15.3      | 59.5      | 6.70    | 1,407.9         | 4.69       | 2.48            | 154.0    |
| G406    | 2/21/2024 | 12:08 | 12.13 | 15.3      | 59.5      | 6.60    | 1,420.4         | 3.35       | 1.20            | 157.0    |
| G406    | 2/21/2024 | 12:11 | 12.13 | 15.2      | 59.4      | 6.58    | 1,417.7         | 2.87       | 0.71            | 158.2    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G407    | 2/20/2024 | 10:06 | 6.10 | 12.9      | 55.2      | 6.80    | 1,854.8         | 3.89       | 6.35            | 140.4    |
| G407    | 2/20/2024 | 10:09 | 6.10 | 13.0      | 55.4      | 6.79    | 1,855.6         | 3.75       | 6.41            | 140.6    |
| G407    | 2/20/2024 | 10:12 | 6.10 | 13.0      | 55.4      | 6.79    | 1,851.5         | 3.63       | 6.77            | 140.9    |
| G407    | 2/20/2024 | 10:15 | 6.10 | 13.0      | 55.4      | 6.78    | 1,849.5         | 3.48       | 6.85            | 141.3    |
| G407    | 2/20/2024 | 10:06 | 6.10 | 12.9      | 55.2      | 6.80    | 1,854.8         | 3.89       | 6.35            | 140.4    |
| G407    | 2/20/2024 | 10:09 | 6.10 | 13.0      | 55.4      | 6.79    | 1,855.6         | 3.75       | 6.41            | 140.6    |
| G407    | 2/20/2024 | 10:12 | 6.10 | 13.0      | 55.4      | 6.79    | 1,851.5         | 3.63       | 6.77            | 140.9    |
| G407    | 2/20/2024 | 10:15 | 6.10 | 13.0      | 55.4      | 6.78    | 1,849.5         | 3.48       | 6.85            | 141.3    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G410    | 2/20/2024 | 11:06 | 8.75 | 11.8      | 53.2      | 6.50    | 939.2           | 3.64       | 7.26            | 134.0    |
| G410    | 2/20/2024 | 11:09 | 8.75 | 11.9      | 53.4      | 6.48    | 944.7           | 3.23       | 4.71            | 129.6    |
| G410    | 2/20/2024 | 11:12 | 8.75 | 11.9      | 53.4      | 6.47    | 951.2           | 2.86       | 3.09            | 125.6    |
| G410    | 2/20/2024 | 11:15 | 8.75 | 11.9      | 53.4      | 6.46    | 957.1           | 2.19       | 1.72            | 121.9    |
| G410    | 2/20/2024 | 11:18 | 8.75 | 12.0      | 53.6      | 6.46    | 957.3           | 1.79       | 1.46            | 118.6    |
| G410    | 2/20/2024 | 11:06 | 8.75 | 11.8      | 53.2      | 6.50    | 939.2           | 3.64       | 7.26            | 134.0    |
| G410    | 2/20/2024 | 11:09 | 8.75 | 11.9      | 53.4      | 6.48    | 944.7           | 3.23       | 4.71            | 129.6    |
| G410    | 2/20/2024 | 11:12 | 8.75 | 11.9      | 53.4      | 6.47    | 951.2           | 2.86       | 3.09            | 125.6    |
| G410    | 2/20/2024 | 11:15 | 8.75 | 11.9      | 53.4      | 6.46    | 957.1           | 2.19       | 1.72            | 121.9    |
| G410    | 2/20/2024 | 11:18 | 8.75 | 12.0      | 53.6      | 6.46    | 957.3           | 1.79       | 1.46            | 118.6    |



Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G411    | 2/20/2024 | 12:04 | 7.54 | 12.4      | 54.3      | 7.26    | 737.7           | 2.92       | 5.08            | 118.7    |
| G411    | 2/20/2024 | 12:07 | 7.54 | 12.5      | 54.5      | 7.25    | 737.6           | 2.60       | 5.56            | 118.7    |
| G411    | 2/20/2024 | 12:10 | 7.54 | 12.5      | 54.5      | 7.25    | 740.8           | 2.42       | 5.91            | 118.8    |
| G411    | 2/20/2024 | 12:13 | 7.54 | 12.5      | 54.5      | 7.25    | 742.1           | 2.18       | 6.15            | 118.8    |
| G411    | 2/20/2024 | 12:04 | 7.54 | 12.4      | 54.3      | 7.26    | 737.7           | 2.92       | 5.08            | 118.7    |
| G411    | 2/20/2024 | 12:07 | 7.54 | 12.5      | 54.5      | 7.25    | 737.6           | 2.60       | 5.56            | 118.7    |
| G411    | 2/20/2024 | 12:10 | 7.54 | 12.5      | 54.5      | 7.25    | 740.8           | 2.42       | 5.91            | 118.8    |
| G411    | 2/20/2024 | 12:13 | 7.54 | 12.5      | 54.5      | 7.25    | 742.1           | 2.18       | 6.15            | 118.8    |

**Site Sampling Event:** Coffeen 1Q24**Groundwater Sampling Form- Groundwater Quality Parameters****LIMS Workorder:** 24020001**Coffeen- 1Q 2024****Technician(s):** DC, JC, TC, BG

| Well ID | Date      | Time | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| L201    | 2/22/2024 | 9:56 | 2.10 | 16.0      | 60.8      | 11.54   | 6,499.0         | 7.07       | 4.64            | -38.6    |

**Site Sampling Event:** Coffeen 1Q24**Groundwater Sampling Form- Groundwater Quality Parameters****LIMS Workorder:** 24020001**Coffeen- 1Q 2024****Technician(s):** DC, JC, TC, BG

| Well ID | Date      | Time | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| L202    | 2/22/2024 | 9:50 | 2.21 | 18.2      | 64.8      | 11.53   | 15,607.5        | 6.09       | 8.56            | -33.6    |

**Site Sampling Event:** Coffeen 1Q24**Groundwater Sampling Form- Groundwater Quality Parameters****LIMS Workorder:** 24020001**Coffeen- 1Q 2024****Technician(s):** DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| L203    | 2/22/2024 | 10:04 | 2.06 | 18.6      | 65.5      | 11.75   | 7,304.8         | 4.39       | 4.23            | -46.2    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID  | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|----------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| NE Riser | 2/21/2024 | 14:19 | 7.02 | 12.4      | 54.3      | 6.64    | 17,268.3        | 6.29       | 2.43            | 191.1    |
| NE Riser | 2/21/2024 | 14:22 | 7.02 | 12.2      | 54.0      | 6.39    | 17,419.5        | 3.65       | 2.04            | 189.1    |
| NE Riser | 2/21/2024 | 14:25 | 7.02 | 12.2      | 54.0      | 6.54    | 17,574.9        | 2.52       | 1.94            | 181.7    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| R104    | 2/14/2024 | 12:29 | 8.65 | 13.2      | 55.8      | 7.50    | 832.9           | 6.74       | 9.04            | 139.7    |
| R104    | 2/14/2024 | 12:32 | 8.65 | 13.0      | 55.4      | 7.46    | 831.5           | 6.27       | 7.03            | 140.3    |
| R104    | 2/14/2024 | 12:35 | 8.65 | 12.9      | 55.2      | 7.44    | 830.9           | 6.08       | 5.86            | 140.6    |
| R104    | 2/14/2024 | 12:38 | 8.65 | 12.9      | 55.2      | 7.43    | 830.1           | 5.98       | 5.26            | 140.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| R201    | 2/20/2024 | 13:53 | 4.06 | 13.9      | 57.0      | 7.10    | 930.3           | 3.20       | 48.64           | 143.8    |
| R201    | 2/20/2024 | 13:56 | 4.06 | 13.8      | 56.8      | 7.03    | 924.0           | 2.47       | 31.40           | 145.5    |
| R201    | 2/20/2024 | 13:59 | 4.06 | 13.8      | 56.8      | 7.01    | 941.8           | 2.06       | 18.87           | 146.3    |
| R201    | 2/20/2024 | 14:02 | 4.06 | 13.9      | 57.0      | 7.00    | 962.3           | 1.76       | 16.66           | 146.8    |
| R201    | 2/20/2024 | 14:05 | 4.06 | 13.9      | 57.0      | 7.00    | 971.2           | 1.57       | 14.47           | 147.0    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| R205    | 2/14/2024 | 9:10 | 6.71 | 11.8      | 53.2      | 6.43    | 1,433.2         | 2.00       | 20.73           | 177.5    |
| R205    | 2/14/2024 | 9:13 | 6.71 | 11.9      | 53.4      | 6.46    | 1,430.5         | 1.77       | 18.46           | 175.1    |
| R205    | 2/14/2024 | 9:16 | 6.71 | 11.9      | 53.4      | 6.49    | 1,429.0         | 1.60       | 16.79           | 173.1    |
| R205    | 2/14/2024 | 9:19 | 6.71 | 12.1      | 53.8      | 6.51    | 1,428.8         | 1.48       | 13.86           | 171.5    |
| R205    | 2/14/2024 | 9:22 | 6.71 | 12.4      | 54.3      | 6.52    | 1,429.5         | 1.42       | 14.07           | 170.0    |



Site Sampling Event: Coffeen 1Q24

Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| SG-02   | 2/12/2024 | 15:01 | 7.22 |           |           |         |                 |            |                 |          |
|         |           |       |      |           |           |         | DTW Only        |            |                 |          |

Site Sampling Event: Coffeen 1Q24

Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| SG-03   | 2/12/2024 | 11:43 | 8.44 |           |           |         |                 |            |                 |          |
|         |           |       |      |           |           |         | DTW Only        |            |                 |          |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| T127    | 2/20/2024 | 12:37 | 14.63 | 14.3      | 57.7      | 7.08    | 837.3           | 3.30       | 78.61           | 150.0    |
| T127    | 2/20/2024 | 12:40 | 14.63 | 14.3      | 57.7      | 7.08    | 837.1           | 3.24       | 71.55           | 149.8    |
| T127    | 2/20/2024 | 12:43 | 14.63 | 14.4      | 57.9      | 7.08    | 836.7           | 3.16       | 69.22           | 149.6    |
| T127    | 2/20/2024 | 12:46 | 14.63 | 14.4      | 57.9      | 7.07    | 836.1           | 3.08       | 63.83           | 149.5    |
| T127    | 2/20/2024 | 12:49 | 14.63 | 14.4      | 57.9      | 7.07    | 835.9           | 3.00       | 60.11           | 149.3    |
| T127    | 2/20/2024 | 12:52 | 14.63 | 14.4      | 57.9      | 7.07    | 835.7           | 2.92       | 56.73           | 149.1    |
| T127    | 2/20/2024 | 12:55 | 14.63 | 14.4      | 57.9      | 7.07    | 834.7           | 2.87       | 53.56           | 149.0    |
| T127    | 2/20/2024 | 12:58 | 14.63 | 14.3      | 57.7      | 7.07    | 835.2           | 2.81       | 49.63           | 148.7    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| T128    | 2/15/2024 | 9:23 | 14.67 | 13.3      | 55.9      | 6.88    | 784.5           | 5.69       | 1.52            | 167.9    |
| T128    | 2/15/2024 | 9:26 | 14.67 | 13.5      | 56.3      | 6.85    | 793.3           | 4.46       | 0.94            | 166.8    |
| T128    | 2/15/2024 | 9:29 | 14.67 | 13.6      | 56.5      | 6.84    | 793.6           | 3.99       | 0.82            | 165.5    |

**Site Sampling Event:** Coffeen 1Q24**Groundwater Sampling Form- Groundwater Quality Parameters****LIMS Workorder:** 24020001**Coffeen- 1Q 2024****Technician(s):** DC, JC, TC, BG

| Well ID | Date      | Time | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| X201    | 2/20/2024 | 8:47 | 27.91 | 3.6       | 38.5      | 4.43    | 19,872.2        | 10.58      | 5.96            | 244.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| XPW01   | 2/19/2024 | 10:39 | 5.32 | 14.1      | 57.4      | 7.81    | 1,031.0         | 0.82       | 23.25           | 81.7     |
| XPW01   | 2/19/2024 | 10:42 | 5.32 | 14.2      | 57.6      | 7.84    | 1,022.3         | 0.69       | 17.26           | 78.5     |
| XPW01   | 2/19/2024 | 10:45 | 5.32 | 14.3      | 57.7      | 7.85    | 1,018.2         | 0.62       | 15.11           | 75.8     |
| XPW01   | 2/19/2024 | 10:48 | 5.32 | 14.3      | 57.7      | 7.86    | 1,014.2         | 0.56       | 11.22           | 72.9     |
| XPW01   | 2/19/2024 | 10:39 | 5.32 | 14.1      | 57.4      | 7.81    | 1,031.0         | 0.82       | 23.25           | 81.7     |
| XPW01   | 2/19/2024 | 10:42 | 5.32 | 14.2      | 57.6      | 7.84    | 1,022.3         | 0.69       | 17.26           | 78.5     |
| XPW01   | 2/19/2024 | 10:45 | 5.32 | 14.3      | 57.7      | 7.85    | 1,018.2         | 0.62       | 15.11           | 75.8     |
| XPW01   | 2/19/2024 | 10:48 | 5.32 | 14.3      | 57.7      | 7.86    | 1,014.2         | 0.56       | 11.22           | 72.9     |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| XPW02   | 2/16/2024 | 10:36 | 10.40 | 16.5      | 61.7      | 7.66    | 651.5           | 0.79       | 24.84           | -69.6    |
| XPW02   | 2/16/2024 | 10:39 | 10.40 | 16.5      | 61.7      | 7.68    | 660.7           | 0.61       | 12.64           | -114.4   |
| XPW02   | 2/16/2024 | 10:42 | 10.40 | 16.4      | 61.5      | 7.69    | 662.7           | 0.52       | 6.25            | -133.8   |
| XPW02   | 2/16/2024 | 10:45 | 10.40 | 16.5      | 61.7      | 7.70    | 667.7           | 0.48       | 4.05            | -146.8   |
| XPW02   | 2/16/2024 | 10:36 | 10.40 | 16.5      | 61.7      | 7.66    | 651.5           | 0.79       | 24.84           | -69.6    |
| XPW02   | 2/16/2024 | 10:39 | 10.40 | 16.5      | 61.7      | 7.68    | 660.7           | 0.61       | 12.64           | -114.4   |
| XPW02   | 2/16/2024 | 10:42 | 10.40 | 16.4      | 61.5      | 7.69    | 662.7           | 0.52       | 6.25            | -133.8   |
| XPW02   | 2/16/2024 | 10:45 | 10.40 | 16.5      | 61.7      | 7.70    | 667.7           | 0.48       | 4.05            | -146.8   |

Site Sampling Event: Coffeen 1Q24

Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|---------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| XSG-01  | 2/12/2024 | 15:10 | 6.72 |           |           |         |                 |            |                 |          |
|         |           |       |      |           |           |         | DTW Only        |            |                 |          |



Site Sampling Event: Coffeen 1Q24

Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID     | Date      | Time  | DTW          | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|-------------|-----------|-------|--------------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| Field Blank | 2/21/2024 | 15:03 | QA/QC Sample |           |           |         |                 |            |                 |          |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID        | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|----------------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G102 Duplicate | 2/14/2024 | 11:04 | 8.81 | 13.0      | 55.4      | 7.23    | 1,114.6         | 3.03       | 21.02           | 150.6    |
| G102 Duplicate | 2/14/2024 | 11:07 | 8.81 | 12.9      | 55.2      | 7.18    | 1,100.9         | 2.30       | 13.22           | 150.7    |
| G102 Duplicate | 2/14/2024 | 11:10 | 8.81 | 12.8      | 55.0      | 7.16    | 1,071.4         | 2.08       | 12.46           | 149.8    |
| G102 Duplicate | 2/14/2024 | 11:13 | 8.81 | 12.7      | 54.9      | 7.17    | 980.2           | 2.40       | 8.69            | 148.7    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID        | Date      | Time | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|----------------|-----------|------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G200 Duplicate | 2/21/2024 | 8:51 | 5.62 | 10.8      | 51.4      | 5.88    | 873.9           | 8.11       | 239.67          | 177.3    |
| G200 Duplicate | 2/21/2024 | 8:54 | 5.62 | 11.3      | 52.3      | 6.33    | 872.9           | 4.83       | 67.64           | 176.5    |
| G200 Duplicate | 2/21/2024 | 8:57 | 5.62 | 11.5      | 52.7      | 6.51    | 866.6           | 3.60       | 31.43           | 175.1    |
| G200 Duplicate | 2/21/2024 | 9:00 | 5.62 | 11.6      | 52.9      | 6.62    | 862.6           | 2.87       | 15.60           | 173.0    |
| G200 Duplicate | 2/21/2024 | 9:03 | 5.62 | 11.8      | 53.2      | 6.69    | 861.9           | 2.45       | 10.96           | 170.9    |

**Site Sampling Event:** Coffeen 1Q24**Groundwater Sampling Form- Groundwater Quality Parameters****LIMS Workorder:** 24020001**Coffeen- 1Q 2024****Technician(s):** DC, JC, TC, BG

| Well ID        | Date      | Time  | DTW   | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|----------------|-----------|-------|-------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G273 Duplicate | 2/19/2024 | 13:12 | 10.95 | 13.5      | 56.3      | 7.06    | 1,661.5         | 2.83       | 27.92           | 147.7    |
| G273 Duplicate | 2/19/2024 | 13:15 | 10.95 | 13.5      | 56.3      | 7.01    | 1,675.5         | 2.11       | 14.56           | 149.8    |
| G273 Duplicate | 2/19/2024 | 13:18 | 10.95 | 13.6      | 56.5      | 6.99    | 1,680.5         | 1.76       | 9.78            | 151.0    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID        | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|----------------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| G301 Duplicate | 2/19/2024 | 11:54 | 6.95 | 12.2      | 54.0      | 6.64    | 999.7           | 0.82       | 41.03           | 109.6    |
| G301 Duplicate | 2/19/2024 | 11:57 | 6.95 | 12.2      | 54.0      | 6.61    | 997.2           | 0.76       | 36.47           | 109.8    |
| G301 Duplicate | 2/19/2024 | 12:00 | 6.95 | 12.2      | 54.0      | 6.60    | 993.5           | 0.74       | 27.25           | 109.9    |
| G301 Duplicate | 2/19/2024 | 12:03 | 6.95 | 12.2      | 54.0      | 6.59    | 991.1           | 0.72       | 22.24           | 109.9    |

Site Sampling Event: Coffeen 1Q24

## Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID        | Date      | Time  | DTW  | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|----------------|-----------|-------|------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| R201 Duplicate | 2/20/2024 | 13:53 | 4.06 | 13.9      | 57.0      | 7.10    | 930.3           | 3.20       | 48.64           | 143.8    |
| R201 Duplicate | 2/20/2024 | 13:56 | 4.06 | 13.8      | 56.8      | 7.03    | 924.0           | 2.47       | 31.40           | 145.5    |
| R201 Duplicate | 2/20/2024 | 13:59 | 4.06 | 13.8      | 56.8      | 7.01    | 941.8           | 2.06       | 18.87           | 146.3    |
| R201 Duplicate | 2/20/2024 | 14:02 | 4.06 | 13.9      | 57.0      | 7.00    | 962.3           | 1.76       | 16.66           | 146.8    |
| R201 Duplicate | 2/20/2024 | 14:05 | 4.06 | 13.9      | 57.0      | 7.00    | 971.2           | 1.57       | 14.47           | 147.0    |

Site Sampling Event: Coffeen 1Q24

Groundwater Sampling Form- Groundwater Quality Parameters

LIMS Workorder: 24020001

Coffeen- 1Q 2024

Technician(s): DC, JC, TC, BG

| Well ID           | Date      | Time  | DTW          | Temp (°C) | Temp (°F) | pH (SU) | Sp Cond (µS/cm) | ODO (mg/L) | Turbidity (NTU) | ORP (mV) |
|-------------------|-----------|-------|--------------|-----------|-----------|---------|-----------------|------------|-----------------|----------|
| Equipment Blank 1 | 2/21/2024 | 14:58 | QA/QC Sample |           |           |         |                 |            |                 |          |

Site Sampling Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, DC

Field Calibration Log(s)  
 Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B  
 Field pH SOP 1152 - SW-846 9040B - SM 4500-H B  
 Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/13/2024

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | wc230830b | 3.98                | 2/13/24 9:09 |
| 7.0 Buffer           | wc230616f | 7.00                | 2/13/24 9:07 |
| 10.0 Buffer          | wc231027d | 10.01               | 2/13/24 9:19 |
| LCS/CCV (7.0 Buffer) | wc231207a |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/13/24 9:19 |

| Turbidity Standard | LIMS ID | Reading | Date/Time    |
|--------------------|---------|---------|--------------|
| 0 NTU (DI Water)   | 1       | 1.87    | 2/13/24 9:19 |
| 124 NTU            | 95834   |         |              |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID    | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|--------------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS          | 2/13/24 9:20  | 14.7     | 7.00    | 1,415           | 1.9           |        |        |          |
| CCV (Midday) | 2/13/24 11:56 | 15.1     | 7.00    | 1,419           | 0.98          |        |        |          |
| ccv          | 2/13/24 14:44 | 16.5     | 7.02    | 1,421           | 2.03          |        |        |          |

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/14/2024

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | wc230830b | 3.99                | 2/14/24 8:40 |
| 7.0 Buffer           | wc230616f | 7.00                | 2/14/24 8:36 |
| 10.0 Buffer          | wc231027d | 10.01               | 2/14/24 8:43 |
| LCS/CCV (7.0 Buffer) | wc231207a |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/14/24 8:46 |

| Turbidity Standard | LIMS ID | Reading | Date/Time    |
|--------------------|---------|---------|--------------|
| 0 NTU (DI Water)   | 1       | 2.06    | 2/14/24 8:48 |
| 124 NTU            | 95834   |         |              |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID    | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|--------------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS          | 2/14/24 8:53  | 14.9     | 7.01    | 1,414           | 2.06          |        |        |          |
| CCV (Midday) | 2/14/24 11:29 | 16       | 7.01    | 1,420           | 2.06          |        |        |          |
| ccv          | 2/14/24 15:08 | 16.3     | 7.02    | 1,423           | 2.08          |        |        |          |





Site Sampling Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, DC

**Field Calibration Log(s)**  
**Coffeen- 1Q 2024**

Field Temp SOP 1156 - SM 2550 B  
 Field pH SOP 1152 - SW-846 9040B - SM 4500-H B  
 Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/15/2024

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | wc230830b | 4.00                | 2/15/24 8:40 |
| 7.0 Buffer           | wc230616f | 7.01                | 2/15/24 8:37 |
| 10.0 Buffer          | wc231027d | 9.99                | 2/15/24 8:42 |
| LCS/CCV (7.0 Buffer) | wc231207a |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/15/24 8:45 |

| Turbidity Standard | LIMS ID | Reading | Date/Time    |
|--------------------|---------|---------|--------------|
| 0 NTU (DI Water)   | 1       | 0.86    | 2/15/24 8:47 |
| 124 NTU            | 95834   |         |              |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID    | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|--------------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS          | 2/15/24 8:49  | 13.6     | 7.01    | 1,412           | 0.87          |        |        |          |
| CCV (Midday) | 2/15/24 12:02 | 14.6     | 7.01    | 1,415           | 0.88          |        |        |          |
| ccv          | 2/15/24 14:30 | 17.7     | 7.03    | 1,427           | 0.94          |        |        |          |

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/16/2024

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | wc230830b | 4.00                | 2/16/24 9:05 |
| 7.0 Buffer           | wc230616f | 7.01                | 2/16/24 9:02 |
| 10.0 Buffer          | wc231027d | 10.00               | 2/16/24 9:08 |
| LCS/CCV (7.0 Buffer) | wc231207a |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/16/24 9:10 |

| Turbidity Standard | LIMS ID | Reading | Date/Time    |
|--------------------|---------|---------|--------------|
| 0 NTU (DI Water)   | 1       | 0.92    | 2/16/24 9:12 |
| 124 NTU            | 95834   |         |              |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|-----------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS       | 2/16/24 9:17  | 10.6     | 7.01    | 1,415           | 0.92          |        |        |          |
| ccv       | 2/16/24 10:41 | 14.6     | 7.01    | 1,418           | 0.95          |        |        |          |

Site Sampling Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, DC

Field Calibration Log(s)  
 Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B  
 Field pH SOP 1152 - SW-846 9040B - SM 4500-H B  
 Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/19/2024

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | wc230830b | 3.98                | 2/19/24 8:42 |
| 7.0 Buffer           | wc230616f | 7.00                | 2/19/24 8:39 |
| 10.0 Buffer          | wc231027d | 10.01               | 2/19/24 8:45 |
| LCS/CCV (7.0 Buffer) | wc231207a |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/19/24 8:49 |

| Turbidity Standard | LIMS ID | Reading | Date/Time    |
|--------------------|---------|---------|--------------|
| 0 NTU (DI Water)   | 1       | 1.23    | 2/19/24 8:51 |
| 124 NTU            | 95834   |         |              |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID    | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|--------------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS          | 2/19/24 8:54  | 12.5     | 7.01    | 1,415           | 1.23          |        |        |          |
| CCV (Midday) | 2/19/24 12:24 | 14.3     | 7.01    | 1,418           | 1.26          |        |        |          |
| ccv          | 2/19/24 14:54 | 17.2     | 7.02    | 1,420           | 1.26          |        |        |          |

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/20/2024

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | wc230830b | 4.00                | 2/20/24 8:31 |
| 7.0 Buffer           | wc230616f | 7.01                | 2/20/24 8:28 |
| 10.0 Buffer          | wc231027d | 9.99                | 2/20/24 8:34 |
| LCS/CCV (7.0 Buffer) | wc231207a |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1414    | 2/20/24 8:37 |

| Turbidity Standard | LIMS ID | Reading | Date/Time |
|--------------------|---------|---------|-----------|
| 0 NTU (DI Water)   | 1       | 0.92    |           |
| 124 NTU            | 95834   |         |           |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID    | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|--------------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS          | 2/20/24 8:42  | 11.3     | 7.01    | 1,418           | 0.92          |        |        |          |
| CCV (Midday) | 2/20/24 11:33 | 13       | 7.00    | 1,422           | 0.91          |        |        |          |
| ccv          | 2/20/24 15:07 | 17.6     | 7.03    | 1,426           | 0.99          |        |        |          |



Site Sampling Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, DC

Field Calibration Log(s)  
 Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B  
 Field pH SOP 1152 - SW-846 9040B - SM 4500-H B  
 Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/21/2024

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | wc230830b | 4.00                | 2/21/24 8:36 |
| 7.0 Buffer           | wc230616f | 7.00                | 2/21/24 8:33 |
| 10.0 Buffer          | wc231027d | 9.99                | 2/21/24 8:38 |
| LCS/CCV (7.0 Buffer) | wc231207a |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/21/24 8:42 |

| Turbidity Standard | LIMS ID | Reading | Date/Time    |
|--------------------|---------|---------|--------------|
| 0 NTU (DI Water)   | 1       | 0.9     | 2/21/24 8:44 |
| 124 NTU            | 95834   |         |              |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID    | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|--------------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS          | 2/21/24 8:46  | 14.4     | 7.01    | 1,415           | 0.91          |        |        |          |
| CCV (Midday) | 2/21/24 12:21 | 18.7     | 7.01    | 1,416           | 0.91          |        |        |          |
| ccv          | 2/21/24 15:05 | 20.2     | 7.03    | 1,419           | 0.94          |        |        |          |

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/22/2024

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | wc230830b | 4.01                | 2/22/24 9:35 |
| 7.0 Buffer           | wc230616f | 7.02                | 2/22/24 9:35 |
| 10.0 Buffer          | wc231027d | 9.99                | 2/22/24 9:36 |
| LCS/CCV (7.0 Buffer) | wc231207a |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1416    | 2/22/24 9:36 |

| Turbidity Standard | LIMS ID | Reading | Date/Time    |
|--------------------|---------|---------|--------------|
| 0 NTU (DI Water)   | 1       | 0.98    | 2/22/24 9:36 |
| 124 NTU            | 95834   |         |              |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|-----------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS       | 2/22/24 9:36  | 14.6     | 7.02    | 1,419           | 0.98          |        |        |          |
| ccv       | 2/22/24 10:13 | 15.9     | 7.02    | 1,420           | 0.98          |        |        |          |

Site Sampling Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, DC

Field Calibration Log(s)  
 Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B  
 Field pH SOP 1152 - SW-846 9040B - SM 4500-H B  
 Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45600 Technician(s): Tracy Carroll Date: 2/13/2023

| pH Standards         | LIMS ID   | Calibration reading | Date/Time     |
|----------------------|-----------|---------------------|---------------|
| 4.0 Buffer           | WC230830B | 4.00                | 2/13/24 10:34 |
| 7.0 Buffer           | WC230616F | 7.00                | 2/13/24 10:39 |
| 10.0 Buffer          | WC231027D | 10.00               | 2/13/24 10:42 |
| LCS/CCV (7.0 Buffer) | WC231207A |                     |               |

| Conductivity Standard | LIMS ID | Reading | Date/Time     |
|-----------------------|---------|---------|---------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/13/24 10:47 |

| Turbidity Standard | LIMS ID | Reading | Date/Time     |
|--------------------|---------|---------|---------------|
| 0 NTU (DI Water)   | 1       | 0.06    | 2/13/24 10:56 |
| 124 NTU            | 95834   |         |               |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|-----------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS       | 2/13/24 10:54 | 11.9     | 7.08    | 1,413           | 0.07          |        |        |          |
| ccv       | 2/13/24 15:12 | 15.6     | 7.09    | 1,447           | 0.38          |        |        |          |

Field Meter ID: Pine 45600 Technician(s): Tracy Carroll/ Danny Crump Date: 2/14/2024

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | WC230830B | 4.00                | 2/14/24 9:41 |
| 7.0 Buffer           | WC230616F | 7.00                | 2/14/24 9:43 |
| 10.0 Buffer          | WC231027D | 10.00               | 2/14/24 9:46 |
| LCS/CCV (7.0 Buffer) | WC231207A |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/14/24 9:49 |

| Turbidity Standard | LIMS ID | Reading | Date/Time    |
|--------------------|---------|---------|--------------|
| 0 NTU (DI Water)   | 1       | 0.14    | 2/14/24 9:51 |
| 124 NTU            | 95834   |         |              |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID    | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|--------------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS          | 2/14/24 9:53  | 8.9      | 7.03    | 1,410           | 0.07          |        |        |          |
| CCV (Midday) | 2/14/24 11:06 | 14.5     | 7.01    | 1,403           | 0.22          |        |        |          |
| ccv          | 2/14/24 15:07 | 16.6     | 7.00    | 1,399           | 0.31          |        |        |          |

Site Sampling Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, DC

**Field Calibration Log(s)**  
**Coffeen- 1Q 2024**

Field Temp SOP 1156 - SM 2550 B  
 Field pH SOP 1152 - SW-846 9040B - SM 4500-H B  
 Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID:           Pine 45600           Technician(s):           Tracy Carroll/Danny Crump           Date:           2/15/2024          

| pH Standards         | LIMS ID   | Calibration reading | Date/Time     |
|----------------------|-----------|---------------------|---------------|
| 4.0 Buffer           | WC230830B | 4.00                | 2/15/24 10:08 |
| 7.0 Buffer           | WC230616F | 7.00                | 2/15/24 10:09 |
| 10.0 Buffer          | WC231027D | 10.00               | 2/15/24 10:11 |
| LCS/CCV (7.0 Buffer) | WC231207A |                     |               |

| Conductivity Standard | LIMS ID | Reading | Date/Time     |
|-----------------------|---------|---------|---------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/15/24 10:12 |

  

| Turbidity Standard | LIMS ID | Reading | Date/Time     |
|--------------------|---------|---------|---------------|
| 0 NTU (DI Water)   | 1       | 0.33    | 2/15/24 10:13 |
| 124 NTU            | 95834   |         |               |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|-----------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS       | 2/15/24 10:16 | 13.0     | 7.03    | 1,413           | 0.33          |        |        |          |
| ccv       | 2/15/24 14:21 | 16.2     | 7.03    | 1,333           | 0.25          |        |        |          |

Field Meter ID:           Pine 45600           Technician(s):           Tracy Carroll/Danny Crump           Date:           2/16/2024          

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | WC230830B | 4.00                | 2/16/24 9:27 |
| 7.0 Buffer           | WC230616F | 7.00                | 2/16/24 9:27 |
| 10.0 Buffer          | WC231027D | 10.00               | 2/16/24 9:28 |
| LCS/CCV (7.0 Buffer) | WC231207A |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/16/24 9:29 |

  

| Turbidity Standard | LIMS ID | Reading | Date/Time    |
|--------------------|---------|---------|--------------|
| 0 NTU (DI Water)   | 1       | 0.23    | 2/16/24 9:31 |
| 124 NTU            | 95834   |         |              |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID    | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|--------------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS          | 2/16/24 9:31  | 8.9      | 7.09    | 1,410           | 0.49          |        |        |          |
| CCV (Midday) | 2/16/24 11:50 | 10.6     | 7.07    | 1,406           | 0.51          |        |        |          |
| ccv          | 2/16/24 14:34 | 11.8     | 7.08    | 1,397           | 0.59          |        |        |          |



Site Sampling Event: Coffeen 1Q24  
 LIMS Workorder: 24020001  
 Technician(s): DC, JC, TC, DC

Field Calibration Log(s)  
 Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B  
 Field pH SOP 1152 - SW-846 9040B - SM 4500-H B  
 Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID:           Pine 45600           Technician(s):           Tracy Carroll/Danny Crump           Date:           2/19/2024          

| pH Standards         | LIMS ID   | Calibration reading | Date/Time     |
|----------------------|-----------|---------------------|---------------|
| 4.0 Buffer           | WC230830B | 4.00                | 2/19/24 10:06 |
| 7.0 Buffer           | WC230616F | 7.00                | 2/19/24 10:08 |
| 10.0 Buffer          | WC231027D | 10.00               | 2/19/24 10:11 |
| LCS/CCV (7.0 Buffer) | WC231207A |                     |               |

| Conductivity Standard | LIMS ID | Reading | Date/Time     |
|-----------------------|---------|---------|---------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/19/24 10:12 |

| Turbidity Standard | LIMS ID | Reading | Date/Time     |
|--------------------|---------|---------|---------------|
| 0 NTU (DI Water)   | 1       | 1.77    | 2/19/24 10:14 |
| 124 NTU            | 95834   |         |               |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|-----------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS       | 2/19/24 10:28 | 1.6      | 7.09    | 1,410           | 1.77          |        |        |          |
| ccv       | 2/19/24 15:29 | 10.1     | 7.09    | 1,312           | 0.84          |        |        |          |

Field Meter ID:           Pine 45600           Technician(s):           Tracy Carroll/Danny Crump           Date:           2/20/2024          

| pH Standards         | LIMS ID   | Calibration reading | Date/Time    |
|----------------------|-----------|---------------------|--------------|
| 4.0 Buffer           | WC230830B | 4.00                | 2/20/24 9:18 |
| 7.0 Buffer           | WC230616F | 7.00                | 2/20/24 9:20 |
| 10.0 Buffer          | WC231027D | 10.00               | 2/20/24 9:21 |
| LCS/CCV (7.0 Buffer) | WC231207A |                     |              |

| Conductivity Standard | LIMS ID | Reading | Date/Time    |
|-----------------------|---------|---------|--------------|
| 1,412 µS Std.         | 95009   | 1412    | 2/20/24 9:24 |

| Turbidity Standard | LIMS ID | Reading | Date/Time    |
|--------------------|---------|---------|--------------|
| 0 NTU (DI Water)   | 1       | 0.8     | 2/20/24 9:26 |
| 124 NTU            | 95834   |         |              |

| ORP Standard | LIMS ID/Lot# | Reading | Date/Time |
|--------------|--------------|---------|-----------|
|              |              |         |           |

| D.O. Saturation | LIMS ID/Lot# | Reading | Date/Time |
|-----------------|--------------|---------|-----------|
| 100%            | N/A          |         |           |

| Sample ID    | Date/Time     | Temp. °C | pH S.U. | Conductivity µS | Turbidity NTU | ORP mV | D.O. % | Comments |
|--------------|---------------|----------|---------|-----------------|---------------|--------|--------|----------|
| LCS          | 2/20/24 9:29  | 6.2      | 7.08    | 1,408           | 0.8           |        |        |          |
| CCV (Midday) | 2/20/24 12:51 | 12.7     | 7.01    | 1,396           | 0.53          |        |        |          |
| ccv          | 2/20/24 16:49 | 16.2     | 7.08    | 1,328           | 0.41          |        |        |          |





## INSTRUMENT CALIBRATION REPORT

**Pine Environmental Services LLC**

11669 Lilburn Park Rd.  
 St. Louis, MO 63146  
 Office: 314.344.1079

### Pine Environmental Services, Inc.

**Instrument ID** 45600  
**Description** YSI Pro DSS  
**Calibrated** 12/26/2023 5:10:39PM

|  |                        |
|--|------------------------|
| <b>Manufacturer</b> YSI                    | <b>State Certified</b> |
| <b>Model Number</b> Pro DSS                | <b>Status</b> Pass     |
| <b>Serial Number/ Lot Number</b> 19D104679 | <b>Temp °C</b> 22.2    |
| <b>Location</b> St. Louis                  | <b>Humidity %</b> 43   |
| <b>Department</b>                          |                        |

#### Calibration Specifications

| <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> |
|---|----------------|----------------|-----------------|-----------------------------|---------------|-------------|------------------|
| <b>Group # 1</b>                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> PH                    |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 0.00      |               |             |                  |
| 7.00 / 7.00                             | PH             | 7.00           | PH              | 7.07                        | 7.00          | 0.00%       | Pass             |
| 4.00 / 4.00                             | PH             | 4.00           | PH              | 3.83                        | 4.00          | 0.00%       | Pass             |
| 10.00 / 10.00                           | PH             | 10.00          | PH              | 10.09                       | 10.00         | 0.00%       | Pass             |
| <b>Group # 2</b>                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> Turbidity             |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 0.0       |               |             |                  |
| 0.0 / 0.0                               | NTU            | 0.0            | NTU             | -1.6                        | 0.0           | 0.00%       | Pass             |
| 124.0 / 124.0                           | NTU            | 124.0          | NTU             | 120.0                       | 124.0         | 0.00%       | Pass             |
| <b>Group # 3</b>                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> Conductivity          |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 0.000     |               |             |                  |
| 1.413 / 1.413                           | ms/cm          | 1.413          | ms/cm           | 1.441                       | 1.413         | 0.00%       | Pass             |
| <b>Group # 4</b>                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> Redox (ORP)           |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 0.0       |               |             |                  |
| 240.0 / 240.0                           | mv             | 240.0          | mv              | 252.1                       | 240.0         | 0.00%       | Pass             |
| <b>Group # 5</b>                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> Dissolved Oxygen Span |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 0.0       |               |             |                  |
| <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** 45600  
**Description** YSI Pro DSS  
**Calibrated** 12/26/2023 5:10:39PM

|   |                |                |                 |                             |               |             |                  |
|---|----------------|----------------|-----------------|-----------------------------|---------------|-------------|------------------|
| <b>Group #</b> 5                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> Dissolved Oxygen Span |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 0.0       |               |             |                  |
| <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> |
| 100.0 / 100.0                           | %              | 100.0          | %               | 97.1                        | 100.0         | 0.00%       | 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<br>L#23E24002133                        | STL 126 NTU<br>L#23E24002133        | YSI                       | 126 NTU             | 23E24002133                       |                                    | 5/20/2024                              |
| STL 1413<br>COND<br>L#3GF1521                       | STL 1413 COND<br>L#3GF1521          | AquaPhoenix<br>Scientific | 31986               | 3GF1521                           |                                    | 5/20/2024                              |
| STL ORP<br>SOLUTION<br>240MV<br>L#3GJ0094           | STL ORP SOLUTION<br>240MV L#3GJ0094 | AquaPhoenix<br>Scientific | ORP Solution        | 3GJ0094                           |                                    | 7/25/2024                              |
| STL PH10<br>#3GF1088                                | STL PH10 #3GF1088                   | AquaPhoenix<br>Scientific | PH 10               | 3GF1088                           |                                    | 6/25/2025                              |
| STL PH4<br>L#3GG0025                                | STL pH4 L#3GG0025                   | AquaPhoenix<br>Scientific | pH 4                | 3GG0025                           |                                    | 7/25/2025                              |
| STL PH7<br>L#3GK1332                                | STL PH7 L#3GK1332                   | AquaPhoenix<br>Scientific | PH7                 | 3GK1332                           |                                    | 11/25/2025                             |

**Notes about this calibration**

**Calibration Result** Calibration Successful  
**Who Calibrated** Austin Carter

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

**Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment**

**Please call 800-301-9663 for Technical Assistance**





## INSTRUMENT CALIBRATION REPORT

**Pine Environmental Services LLC**

11669 Lilburn Park Rd.  
 St. Louis, MO 63146  
 Office: 314.344.1079

### Pine Environmental Services, Inc.

**Instrument ID** 45720  
**Description** YSI Pro DSS  
**Calibrated** 12/26/2023 5:12:31PM

|  |                        |
|--|------------------------|
| <b>Manufacturer</b> YSI                    | <b>State Certified</b> |
| <b>Model Number</b> Pro DSS                | <b>Status</b> Pass     |
| <b>Serial Number/ Lot Number</b> 19E101794 | <b>Temp °C</b> 22.2    |
| <b>Location</b> St. Louis                  | <b>Humidity %</b> 43   |
| <b>Department</b>                          |                        |

#### Calibration Specifications

| <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> |
|---|----------------|----------------|-----------------|-----------------------------|---------------|-------------|------------------|
| <b>Group # 1</b>                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> PH                    |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 0.00      |               |             |                  |
| 7.00 / 7.00                             | PH             | 7.00           | PH              | 7.21                        | 7.00          | 0.00%       | Pass             |
| 4.00 / 4.00                             | PH             | 4.00           | PH              | 3.94                        | 4.00          | 0.00%       | Pass             |
| 10.00 / 10.00                           | PH             | 10.00          | PH              | 10.15                       | 10.00         | 0.00%       | Pass             |
| <b>Group # 2</b>                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> Turbidity             |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 0.00      |               |             |                  |
| 0.00 / 0.00                             | NTU            | 0.00           | NTU             | 0.03                        | 0.00          | 0.00%       | Pass             |
| 124.00 / 124.00                         | NTU            | 124.00         | NTU             | 122.65                      | 124.00        | 0.00%       | Pass             |
| <b>Group # 3</b>                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> Conductivity          |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 0.000     |               |             |                  |
| 1.413 / 1.413                           | ms/cm          | 1.413          | ms/cm           | 1.391                       | 1.413         | 0.00%       | Pass             |
| <b>Group # 4</b>                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> Redox (ORP)           |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 0.00      |               |             |                  |
| 240.00 / 240.00                         | mv             | 240.00         | mv              | 272.80                      | 240.00        | 0.00%       | Pass             |
| <b>Group # 5</b>                        |                |                |                 | <b>Range Acc %</b> 0.0000   |               |             |                  |
| <b>Group Name</b> Dissolved Oxygen Span |                |                |                 | <b>Reading Acc %</b> 3.0000 |               |             |                  |
| <b>Stated Accy</b> Pct of Reading       |                |                |                 | <b>Plus/Minus</b> 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** 12/26/2023 5:12:31PM

|   |                |                             |                  |
|---|----------------|-----------------------------|------------------|
| <b>Group #</b> 5                        |                | <b>Range Acc %</b> 0.0000   |                  |
| <b>Group Name</b> Dissolved Oxygen Span |                | <b>Reading Acc %</b> 3.0000 |                  |
| <b>Stated Accy</b> Pct of Reading       |                | <b>Plus/Minus</b> 0.00      |                  |
| <u>Nom In Val / In Val</u>              | <u>In Type</u> | <u>Out Val</u>              | <u>Out Type</u>  |
| 100.00 / 100.00                         | %              | 100.00                      | %                |
|   |                | <u>End As</u>               | <u>Lft As</u>    |
|   |                | 97.30                       | 100.00           |
|   |                | <u>Dev%</u>                 | <u>Pass/Fail</u> |
|   |                | 0.00%                       | 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<br>L#23E24002133                        | STL 126 NTU<br>L#23E24002133        | YSI                       | 126 NTU             | 23E24002133                       |                                    | 5/20/2024                              |
| STL 1413<br>COND<br>L#3GF1521                       | STL 1413 COND<br>L#3GF1521          | AquaPhoenix<br>Scientific | 31986               | 3GF1521                           |                                    | 5/20/2024                              |
| STL ORP<br>SOLUTION<br>240MV<br>L#3GJ0094           | STL ORP SOLUTION<br>240MV L#3GJ0094 | AquaPhoenix<br>Scientific | ORP Solution        | 3GJ0094                           |                                    | 7/25/2024                              |
| STL PH10<br>#3GF1088                                | STL PH10 #3GF1088                   | AquaPhoenix<br>Scientific | PH 10               | 3GF1088                           |                                    | 6/25/2025                              |
| STL PH4<br>L#3GG0025                                | STL pH4 L#3GG0025                   | AquaPhoenix<br>Scientific | pH 4                | 3GG0025                           |                                    | 7/25/2025                              |
| STL PH7<br>L#3GK1332                                | STL PH7 L#3GK1332                   | AquaPhoenix<br>Scientific | PH7                 | 3GK1332                           |                                    | 11/25/2025                             |

**Notes about this calibration**

**Calibration Result** Calibration Successful  
**Who Calibrated** Austin Carter

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**Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment**

**Please call 800-301-9663 for Technical Assistance**

**ATTACHMENT C  
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND  
QUARTER 1, 2024**

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024**  
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  | E004  | Antimony, total                | mg/L  | 11/23/15 - 02/19/24 | 25           | 92         | CB around T-S line      | 0.003              | 0.003      |
| G271    | UA  | E004  | Arsenic, total                 | mg/L  | 11/23/15 - 02/19/24 | 27           | 77         | CI around median        | 0.001              | 0.00660    |
| G271    | UA  | E004  | Barium, total                  | mg/L  | 11/23/15 - 02/19/24 | 28           | 0          | CB around T-S line      | 0.0157             | 0.110      |
| G271    | UA  | E004  | Beryllium, total               | mg/L  | 11/23/15 - 02/19/24 | 25           | 97         | CI around median        | 0.001              | 0.001      |
| G271    | UA  | E004  | Boron, total                   | mg/L  | 11/23/15 - 02/19/24 | 29           | 0          | CI around geomean       | 0.681              | 1.00       |
| G271    | UA  | E004  | Cadmium, total                 | mg/L  | 11/23/15 - 02/19/24 | 25           | 98         | CI around median        | 0.001              | 0.001      |
| G271    | UA  | E004  | Chloride, total                | mg/L  | 11/23/15 - 02/19/24 | 29           | 0          | CB around linear reg    | 46.1               | 67.0       |
| G271    | UA  | E004  | Chromium, total                | mg/L  | 11/23/15 - 02/19/24 | 27           | 80         | CI around median        | 0.004              | 0.0190     |
| G271    | UA  | E004  | Cobalt, total                  | mg/L  | 11/23/15 - 02/19/24 | 27           | 87         | CB around T-S line      | 0.00194            | 0.00590    |
| G271    | UA  | E004  | Fluoride, total                | mg/L  | 11/23/15 - 02/19/24 | 29           | 7          | CI around mean          | 0.333              | 0.564      |
| G271    | UA  | E004  | Lead, total                    | mg/L  | 11/23/15 - 02/19/24 | 28           | 61         | CI around median        | 0.001              | 0.0120     |
| G271    | UA  | E004  | Lithium, total                 | mg/L  | 11/23/15 - 02/19/24 | 23           | 91         | CI around median        | 0.01               | 0.0190     |
| G271    | UA  | E004  | Mercury, total                 | mg/L  | 11/23/15 - 02/19/24 | 25           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| G271    | UA  | E004  | Molybdenum, total              | mg/L  | 11/23/15 - 02/19/24 | 28           | 70         | CI around median        | 0.001              | 0.00450    |
| G271    | UA  | E004  | pH (field)                     | SU    | 11/23/15 - 02/19/24 | 31           | 0          | CI around mean          | 7.1/7.3            | 6.6/7.6    |
| G271    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 11/23/15 - 02/19/24 | 23           | 0          | CI around geomean       | 0.384              | 1.60       |
| G271    | UA  | E004  | Selenium, total                | mg/L  | 11/23/15 - 02/19/24 | 27           | 8          | CI around mean          | 0.00149            | 0.00480    |
| G271    | UA  | E004  | Sulfate, total                 | mg/L  | 11/23/15 - 02/19/24 | 29           | 0          | CB around T-S line      | 182                | 94.0       |
| G271    | UA  | E004  | Thallium, total                | mg/L  | 11/23/15 - 02/19/24 | 26           | 97         | CI around median        | 0.001              | 0.001      |
| G271    | UA  | E004  | Total Dissolved Solids         | mg/L  | 11/23/15 - 02/19/24 | 29           | 0          | CB around linear reg    | 637                | 551        |
| G273    | UA  | E004  | Antimony, total                | mg/L  | 11/24/15 - 02/19/24 | 25           | 95         | CB around T-S line      | 0.003              | 0.003      |
| G273    | UA  | E004  | Arsenic, total                 | mg/L  | 11/24/15 - 02/19/24 | 28           | 85         | CI around median        | 0.001              | 0.00660    |
| G273    | UA  | E004  | Barium, total                  | mg/L  | 11/24/15 - 02/19/24 | 28           | 0          | CI around median        | 0.029              | 0.110      |
| G273    | UA  | E004  | Beryllium, total               | mg/L  | 11/24/15 - 02/19/24 | 25           | 100        | All ND - Last           | 0.001              | 0.001      |
| G273    | UA  | E004  | Boron, total                   | mg/L  | 11/24/15 - 02/19/24 | 29           | 6          | CB around T-S line      | -0.0583            | 1.00       |
| G273    | UA  | E004  | Cadmium, total                 | mg/L  | 11/24/15 - 02/19/24 | 25           | 98         | CI around median        | 0.001              | 0.001      |
| G273    | UA  | E004  | Chloride, total                | mg/L  | 11/24/15 - 02/19/24 | 29           | 0          | CB around T-S line      | 69.9               | 67.0       |

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024**  
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  | E004  | Chromium, total                | mg/L  | 11/24/15 - 02/19/24 | 27           | 97         | CB around T-S line      | 0.004              | 0.0190     |
| G273    | UA  | E004  | Cobalt, total                  | mg/L  | 11/24/15 - 02/19/24 | 27           | 97         | CB around T-S line      | 0.00197            | 0.00590    |
| G273    | UA  | E004  | Fluoride, total                | mg/L  | 11/24/15 - 02/19/24 | 29           | 17         | CI around mean          | 0.302              | 0.564      |
| G273    | UA  | E004  | Lead, total                    | mg/L  | 11/24/15 - 02/19/24 | 28           | 89         | CI around median        | 0.001              | 0.0120     |
| G273    | UA  | E004  | Lithium, total                 | mg/L  | 11/24/15 - 02/19/24 | 23           | 78         | CI around median        | 0.01               | 0.0190     |
| G273    | UA  | E004  | Mercury, total                 | mg/L  | 11/24/15 - 02/19/24 | 25           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| G273    | UA  | E004  | Molybdenum, total              | mg/L  | 11/24/15 - 02/19/24 | 28           | 90         | CI around median        | 0.001              | 0.00450    |
| G273    | UA  | E004  | pH (field)                     | SU    | 11/24/15 - 02/19/24 | 31           | 0          | CI around mean          | 7.0/7.1            | 6.6/7.6    |
| G273    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 11/24/15 - 02/19/24 | 23           | 0          | CI around median        | 0.226              | 1.60       |
| G273    | UA  | E004  | Selenium, total                | mg/L  | 11/24/15 - 02/19/24 | 28           | 95         | CI around median        | 0.001              | 0.00480    |
| G273    | UA  | E004  | Sulfate, total                 | mg/L  | 11/24/15 - 02/19/24 | 29           | 0          | CI around median        | 410                | 94.0       |
| G273    | UA  | E004  | Thallium, total                | mg/L  | 11/24/15 - 02/19/24 | 26           | 95         | CI around median        | 0.001              | 0.001      |
| G273    | UA  | E004  | Total Dissolved Solids         | mg/L  | 11/24/15 - 02/19/24 | 29           | 0          | CB around linear reg    | 1,020              | 551        |
| G275    | UA  | E004  | Antimony, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 95         | CI around median        | 0.003              | 0.003      |
| G275    | UA  | E004  | Arsenic, total                 | mg/L  | 10/14/20 - 02/19/24 | 10           | 56         | CI around median        | 0.001              | 0.00660    |
| G275    | UA  | E004  | Barium, total                  | mg/L  | 10/14/20 - 02/19/24 | 10           | 0          | CI around geomean       | 0.024              | 0.110      |
| G275    | UA  | E004  | Beryllium, total               | mg/L  | 10/14/20 - 02/19/24 | 10           | 100        | All ND - Last           | 0.001              | 0.001      |
| G275    | UA  | E004  | Boron, total                   | mg/L  | 10/14/20 - 02/19/24 | 10           | 0          | CI around mean          | 1.51               | 1.00       |
| G275    | UA  | E004  | Cadmium, total                 | mg/L  | 10/14/20 - 02/19/24 | 10           | 100        | All ND - Last           | 0.001              | 0.001      |
| G275    | UA  | E004  | Chloride, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 0          | CI around mean          | 17.6               | 67.0       |
| G275    | UA  | E004  | Chromium, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 90         | CI around median        | 0.004              | 0.0190     |
| G275    | UA  | E004  | Cobalt, total                  | mg/L  | 10/14/20 - 02/19/24 | 10           | 100        | All ND - Last           | 0.001              | 0.00590    |
| G275    | UA  | E004  | Fluoride, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 10         | CI around mean          | 0.26               | 0.564      |
| G275    | UA  | E004  | Lead, total                    | mg/L  | 10/14/20 - 02/19/24 | 10           | 59         | Most recent sample      | 0.001              | 0.0120     |
| G275    | UA  | E004  | Lithium, total                 | mg/L  | 06/08/23 - 02/19/24 | 2            | 50         | Most recent sample      | 0.0093             | 0.0190     |
| G275    | UA  | E004  | Mercury, total                 | mg/L  | 10/14/20 - 02/19/24 | 10           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| G275    | UA  | E004  | Molybdenum, total              | mg/L  | 10/14/20 - 02/19/24 | 10           | 91         | CI around median        | 0.001              | 0.00450    |

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024**  
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  | E004  | pH (field)                     | SU    | 10/14/20 - 02/19/24 | 10           | 0          | CI around mean          | 6.9/7.1            | 6.6/7.6    |
| G275    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 06/08/23 - 02/19/24 | 2            | 0          | Most recent sample      | 0.0508             | 1.60       |
| G275    | UA  | E004  | Selenium, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 84         | Most recent sample      | 0.001              | 0.00480    |
| G275    | UA  | E004  | Sulfate, total                 | mg/L  | 10/14/20 - 02/19/24 | 10           | 0          | CB around linear reg    | 185                | 94.0       |
| G275    | UA  | E004  | Thallium, total                | mg/L  | 10/14/20 - 02/19/24 | 10           | 100        | All ND - Last           | 0.002              | 0.001      |
| G275    | UA  | E004  | Total Dissolved Solids         | mg/L  | 10/14/20 - 02/19/24 | 10           | 0          | CI around mean          | 927                | 551        |
| G275D   | DA  | E004  | Antimony, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 89         | CI around median        | 0.001              | 0.003      |
| G275D   | DA  | E004  | Arsenic, total                 | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CB around linear reg    | 0.0147             | 0.00660    |
| G275D   | DA  | E004  | Barium, total                  | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CI around mean          | 0.322              | 0.110      |
| G275D   | DA  | E004  | Beryllium, total               | mg/L  | 03/30/21 - 02/19/24 | 9            | 100        | All ND - Last           | 0.001              | 0.001      |
| G275D   | DA  | E004  | Boron, total                   | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CI around geomean       | 0.195              | 1.00       |
| G275D   | DA  | E004  | Cadmium, total                 | mg/L  | 03/30/21 - 02/19/24 | 9            | 100        | All ND - Last           | 0.001              | 0.001      |
| G275D   | DA  | E004  | Chloride, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CI around mean          | 20                 | 67.0       |
| G275D   | DA  | E004  | Chromium, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 78         | CI around median        | 0.0015             | 0.0190     |
| G275D   | DA  | E004  | Cobalt, total                  | mg/L  | 03/30/21 - 02/19/24 | 9            | 67         | CB around T-S line      | -0.00687           | 0.00590    |
| G275D   | DA  | E004  | Fluoride, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CI around mean          | 0.391              | 0.564      |
| G275D   | DA  | E004  | Lead, total                    | mg/L  | 03/30/21 - 02/19/24 | 9            | 89         | CI around median        | 0.001              | 0.0120     |
| G275D   | DA  | E004  | Lithium, total                 | mg/L  | 03/30/21 - 02/19/24 | 9            | 78         | CI around median        | 0.0035             | 0.0190     |
| G275D   | DA  | E004  | Mercury, total                 | mg/L  | 03/30/21 - 02/19/24 | 9            | 100        | All ND - Last           | 0.0002             | 0.0002     |
| G275D   | DA  | E004  | Molybdenum, total              | mg/L  | 03/30/21 - 02/19/24 | 9            | 11         | CB around linear reg    | -0.00861           | 0.00450    |
| G275D   | DA  | E004  | pH (field)                     | SU    | 03/30/21 - 02/19/24 | 9            | 0          | CI around mean          | 7.0/7.3            | 6.6/7.6    |
| G275D   | DA  | E004  | Radium 226 + Radium 228, total | pCi/L | 03/30/21 - 02/19/24 | 10           | 0          | CI around mean          | 0.53               | 1.60       |
| G275D   | DA  | E004  | Selenium, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 100        | All ND - Last           | 0.001              | 0.00480    |
| G275D   | DA  | E004  | Sulfate, total                 | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CB around linear reg    | 54.5               | 94.0       |
| G275D   | DA  | E004  | Thallium, total                | mg/L  | 03/30/21 - 02/19/24 | 9            | 100        | All ND - Last           | 0.002              | 0.001      |
| G275D   | DA  | E004  | Total Dissolved Solids         | mg/L  | 03/30/21 - 02/19/24 | 9            | 0          | CI around median        | 840                | 551        |
| G276    | UA  | E004  | Antimony, total                | mg/L  | 11/24/15 - 02/20/24 | 25           | 97         | CB around T-S line      | 0.00242            | 0.003      |

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024**  
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  | E004  | Arsenic, total                 | mg/L  | 11/24/15 - 02/20/24 | 28           | 84         | CI around median        | 0.001              | 0.00660    |
| G276    | UA  | E004  | Barium, total                  | mg/L  | 11/24/15 - 02/20/24 | 28           | 0          | CB around T-S line      | 0.0323             | 0.110      |
| G276    | UA  | E004  | Beryllium, total               | mg/L  | 11/24/15 - 02/20/24 | 25           | 94         | Most recent sample      | 0.001              | 0.001      |
| G276    | UA  | E004  | Boron, total                   | mg/L  | 11/24/15 - 02/20/24 | 29           | 12         | CI around geomean       | 0.0173             | 1.00       |
| G276    | UA  | E004  | Cadmium, total                 | mg/L  | 11/24/15 - 02/20/24 | 25           | 100        | All ND - Last           | 0.001              | 0.001      |
| G276    | UA  | E004  | Chloride, total                | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CI around median        | 22                 | 67.0       |
| G276    | UA  | E004  | Chromium, total                | mg/L  | 11/24/15 - 02/20/24 | 27           | 84         | CI around median        | 0.004              | 0.0190     |
| G276    | UA  | E004  | Cobalt, total                  | mg/L  | 11/24/15 - 02/20/24 | 27           | 97         | CB around T-S line      | 0.002              | 0.00590    |
| G276    | UA  | E004  | Fluoride, total                | mg/L  | 11/24/15 - 02/20/24 | 29           | 5          | CI around median        | 0.355              | 0.564      |
| G276    | UA  | E004  | Lead, total                    | mg/L  | 11/24/15 - 02/20/24 | 28           | 78         | CI around median        | 0.001              | 0.0120     |
| G276    | UA  | E004  | Lithium, total                 | mg/L  | 11/24/15 - 02/20/24 | 23           | 44         | CI around median        | 0.012              | 0.0190     |
| G276    | UA  | E004  | Mercury, total                 | mg/L  | 11/24/15 - 02/20/24 | 25           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| G276    | UA  | E004  | Molybdenum, total              | mg/L  | 11/24/15 - 02/20/24 | 28           | 79         | CI around median        | 0.001              | 0.00450    |
| G276    | UA  | E004  | pH (field)                     | SU    | 11/24/15 - 02/20/24 | 30           | 0          | CB around linear reg    | 6.7/7.0            | 6.6/7.6    |
| G276    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 11/24/15 - 02/20/24 | 23           | 0          | CI around geomean       | 0.371              | 1.60       |
| G276    | UA  | E004  | Selenium, total                | mg/L  | 11/24/15 - 02/20/24 | 28           | 37         | CB around linear reg    | 0.000731           | 0.00480    |
| G276    | UA  | E004  | Sulfate, total                 | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CB around T-S line      | 252                | 94.0       |
| G276    | UA  | E004  | Thallium, total                | mg/L  | 11/24/15 - 02/20/24 | 26           | 100        | All ND - Last           | 0.002              | 0.001      |
| G276    | UA  | E004  | Total Dissolved Solids         | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CB around T-S line      | 853                | 551        |
| G277    | UA  | E004  | Antimony, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.003      |
| G277    | UA  | E004  | Arsenic, total                 | mg/L  | 10/14/20 - 02/20/24 | 11           | 59         | CI around median        | 0.001              | 0.00660    |
| G277    | UA  | E004  | Barium, total                  | mg/L  | 10/14/20 - 02/20/24 | 11           | 0          | CB around linear reg    | 0.0122             | 0.110      |
| G277    | UA  | E004  | Beryllium, total               | mg/L  | 10/14/20 - 02/20/24 | 11           | 89         | Most recent sample      | 0.001              | 0.001      |
| G277    | UA  | E004  | Boron, total                   | mg/L  | 10/14/20 - 02/20/24 | 11           | 14         | CB around linear reg    | 0.0978             | 1.00       |
| G277    | UA  | E004  | Cadmium, total                 | mg/L  | 10/14/20 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.001      |
| G277    | UA  | E004  | Chloride, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 0          | CI around mean          | 63.8               | 67.0       |
| G277    | UA  | E004  | Chromium, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 56         | CI around median        | 0.004              | 0.0190     |

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024**  
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 |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|------------|
| G277    | UA  | E004  | Cobalt, total                  | mg/L  | 10/14/20 - 02/20/24 | 11           | 78         | CI around median        | 0.002              | 0.00590    |
| G277    | UA  | E004  | Fluoride, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 11         | CI around median        | 0.125              | 0.564      |
| G277    | UA  | E004  | Lead, total                    | mg/L  | 10/14/20 - 02/20/24 | 11           | 55         | CI around median        | 0.001              | 0.0120     |
| G277    | UA  | E004  | Lithium, total                 | mg/L  | 06/01/23 - 02/20/24 | 2            | 50         | Most recent sample      | 0.0094             | 0.0190     |
| G277    | UA  | E004  | Mercury, total                 | mg/L  | 10/14/20 - 02/20/24 | 11           | 94         | Most recent sample      | 0.0002             | 0.0002     |
| G277    | UA  | E004  | Molybdenum, total              | mg/L  | 10/14/20 - 02/20/24 | 11           | 100        | All ND - Last           | 0.0015             | 0.00450    |
| G277    | UA  | E004  | pH (field)                     | SU    | 10/14/20 - 02/20/24 | 11           | 0          | CI around mean          | 6.7/7.1            | 6.6/7.6    |
| G277    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 06/01/23 - 02/20/24 | 2            | 0          | Most recent sample      | 0.149              | 1.60       |
| G277    | UA  | E004  | Selenium, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 61         | CI around median        | 0.001              | 0.00480    |
| G277    | UA  | E004  | Sulfate, total                 | mg/L  | 10/14/20 - 02/20/24 | 11           | 0          | CB around linear reg    | 381                | 94.0       |
| G277    | UA  | E004  | Thallium, total                | mg/L  | 10/14/20 - 02/20/24 | 11           | 100        | All ND - Last           | 0.002              | 0.001      |
| G277    | UA  | E004  | Total Dissolved Solids         | mg/L  | 10/14/20 - 02/20/24 | 11           | 0          | CI around mean          | 934                | 551        |
| G279    | UA  | E004  | Antimony, total                | mg/L  | 11/24/15 - 02/20/24 | 25           | 100        | All ND - Last           | 0.001              | 0.003      |
| G279    | UA  | E004  | Arsenic, total                 | mg/L  | 11/24/15 - 02/20/24 | 28           | 80         | CI around median        | 0.001              | 0.00660    |
| G279    | UA  | E004  | Barium, total                  | mg/L  | 11/24/15 - 02/20/24 | 28           | 0          | CB around linear reg    | 0.0272             | 0.110      |
| G279    | UA  | E004  | Beryllium, total               | mg/L  | 11/24/15 - 02/20/24 | 25           | 100        | All ND - Last           | 0.001              | 0.001      |
| G279    | UA  | E004  | Boron, total                   | mg/L  | 11/24/15 - 02/20/24 | 29           | 20         | CB around linear reg    | 1.23               | 1.00       |
| G279    | UA  | E004  | Cadmium, total                 | mg/L  | 11/24/15 - 02/20/24 | 25           | 100        | All ND - Last           | 0.001              | 0.001      |
| G279    | UA  | E004  | Chloride, total                | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CB around linear reg    | 216                | 67.0       |
| G279    | UA  | E004  | Chromium, total                | mg/L  | 11/24/15 - 02/20/24 | 27           | 90         | CI around median        | 0.004              | 0.0190     |
| G279    | UA  | E004  | Cobalt, total                  | mg/L  | 11/24/15 - 02/20/24 | 27           | 87         | CI around median        | 0.002              | 0.00590    |
| G279    | UA  | E004  | Fluoride, total                | mg/L  | 11/24/15 - 02/20/24 | 29           | 7          | CI around mean          | 0.339              | 0.564      |
| G279    | UA  | E004  | Lead, total                    | mg/L  | 11/24/15 - 02/20/24 | 28           | 83         | CI around median        | 0.001              | 0.0120     |
| G279    | UA  | E004  | Lithium, total                 | mg/L  | 11/24/15 - 02/20/24 | 28           | 71         | CB around T-S line      | 0.0156             | 0.0190     |
| G279    | UA  | E004  | Mercury, total                 | mg/L  | 11/24/15 - 02/20/24 | 25           | 97         | Most recent sample      | 0.0002             | 0.0002     |
| G279    | UA  | E004  | Molybdenum, total              | mg/L  | 11/24/15 - 02/20/24 | 28           | 87         | CI around median        | 0.001              | 0.00450    |
| G279    | UA  | E004  | pH (field)                     | SU    | 11/24/15 - 02/20/24 | 29           | 0          | CB around linear reg    | 6.5/6.8            | 6.6/7.6    |



**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024**  
845 QUARTERLY REPORT  
COFFEEN POWER PLANT  
GMF RECYCLE POND  
COFFEEN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | Background |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|------------|
| G279    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 11/24/15 - 02/20/24 | 28           | 0          | CI around mean          | 0.639              | 1.60       |
| G279    | UA  | E004  | Selenium, total                | mg/L  | 11/24/15 - 02/20/24 | 28           | 20         | CB around linear reg    | -0.00398           | 0.00480    |
| G279    | UA  | E004  | Sulfate, total                 | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CI around geomean       | 408                | 94.0       |
| G279    | UA  | E004  | Thallium, total                | mg/L  | 11/24/15 - 02/20/24 | 26           | 100        | All ND - Last           | 0.002              | 0.001      |
| G279    | UA  | E004  | Total Dissolved Solids         | mg/L  | 11/24/15 - 02/20/24 | 29           | 0          | CB around linear reg    | 2,680              | 551        |
| G283    | LCU | E004  | Antimony, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.003      |
| G283    | LCU | E004  | Arsenic, total                 | mg/L  | 03/31/21 - 02/21/24 | 12           | 58         | CI around median        | 0.001              | 0.00660    |
| G283    | LCU | E004  | Barium, total                  | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CI around mean          | 0.161              | 0.110      |
| G283    | LCU | E004  | Beryllium, total               | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.001      |
| G283    | LCU | E004  | Boron, total                   | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CB around linear reg    | 0.0439             | 1.00       |
| G283    | LCU | E004  | Cadmium, total                 | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.001      |
| G283    | LCU | E004  | Chloride, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CI around mean          | 37.7               | 67.0       |
| G283    | LCU | E004  | Chromium, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.0015             | 0.0190     |
| G283    | LCU | E004  | Cobalt, total                  | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.00590    |
| G283    | LCU | E004  | Fluoride, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 17         | CI around mean          | 0.303              | 0.564      |
| G283    | LCU | E004  | Lead, total                    | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.0120     |
| G283    | LCU | E004  | Lithium, total                 | mg/L  | 03/31/21 - 02/21/24 | 12           | 75         | CB around T-S line      | 0.00941            | 0.0190     |
| G283    | LCU | E004  | Mercury, total                 | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| G283    | LCU | E004  | Molybdenum, total              | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CI around geomean       | 0.00157            | 0.00450    |
| G283    | LCU | E004  | pH (field)                     | SU    | 03/31/21 - 02/21/24 | 12           | 0          | CI around mean          | 7.0/7.1            | 6.6/7.6    |
| G283    | LCU | E004  | Radium 226 + Radium 228, total | pCi/L | 03/31/21 - 02/21/24 | 12           | 0          | CI around geomean       | 0.545              | 1.60       |
| G283    | LCU | E004  | Selenium, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.001              | 0.00480    |
| G283    | LCU | E004  | Sulfate, total                 | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CI around mean          | 239                | 94.0       |
| G283    | LCU | E004  | Thallium, total                | mg/L  | 03/31/21 - 02/21/24 | 12           | 100        | All ND - Last           | 0.002              | 0.001      |
| G283    | LCU | E004  | Total Dissolved Solids         | mg/L  | 03/31/21 - 02/21/24 | 12           | 0          | CI around mean          | 785                | 551        |
| G284    | UA  | E004  | Antimony, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.003      |
| G284    | UA  | E004  | Arsenic, total                 | mg/L  | 03/30/21 - 02/20/24 | 11           | 91         | Most recent sample      | 0.001              | 0.00660    |

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024**  
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 |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|------------|
| G284    | UA  | E004  | Barium, total                  | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around median        | 0.063              | 0.110      |
| G284    | UA  | E004  | Beryllium, total               | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.001      |
| G284    | UA  | E004  | Boron, total                   | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around geomean       | 0.0397             | 1.00       |
| G284    | UA  | E004  | Cadmium, total                 | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.001      |
| G284    | UA  | E004  | Chloride, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around mean          | 35.5               | 67.0       |
| G284    | UA  | E004  | Chromium, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.0015             | 0.0190     |
| G284    | UA  | E004  | Cobalt, total                  | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.00590    |
| G284    | UA  | E004  | Fluoride, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around mean          | 0.487              | 0.564      |
| G284    | UA  | E004  | Lead, total                    | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.001              | 0.0120     |
| G284    | UA  | E004  | Lithium, total                 | mg/L  | 03/30/21 - 02/20/24 | 11           | 82         | CI around median        | 0.0134             | 0.0190     |
| G284    | UA  | E004  | Mercury, total                 | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| G284    | UA  | E004  | Molybdenum, total              | mg/L  | 03/30/21 - 02/20/24 | 11           | 36         | CI around median        | 0.001              | 0.00450    |
| G284    | UA  | E004  | pH (field)                     | SU    | 03/30/21 - 02/20/24 | 11           | 0          | CI around mean          | 7.1/7.3            | 6.6/7.6    |
| G284    | UA  | E004  | Radium 226 + Radium 228, total | pCi/L | 03/30/21 - 02/20/24 | 11           | 0          | CI around mean          | 0.124              | 1.60       |
| G284    | UA  | E004  | Selenium, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 82         | CI around median        | 0.001              | 0.00480    |
| G284    | UA  | E004  | Sulfate, total                 | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around median        | 63                 | 94.0       |
| G284    | UA  | E004  | Thallium, total                | mg/L  | 03/30/21 - 02/20/24 | 11           | 100        | All ND - Last           | 0.002              | 0.001      |
| G284    | UA  | E004  | Total Dissolved Solids         | mg/L  | 03/30/21 - 02/20/24 | 11           | 0          | CI around mean          | 445                | 551        |
| G285    | LCU | E004  | Antimony, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.001              | 0.003      |
| G285    | LCU | E004  | Arsenic, total                 | mg/L  | 03/30/21 - 02/20/24 | 12           | 67         | CI around median        | 0.001              | 0.00660    |
| G285    | LCU | E004  | Barium, total                  | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CB around linear reg    | 0.0204             | 0.110      |
| G285    | LCU | E004  | Beryllium, total               | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.001              | 0.001      |
| G285    | LCU | E004  | Boron, total                   | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CI around mean          | 0.11               | 1.00       |
| G285    | LCU | E004  | Cadmium, total                 | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.001              | 0.001      |
| G285    | LCU | E004  | Chloride, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CB around linear reg    | 2.82               | 67.0       |
| G285    | LCU | E004  | Chromium, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.0015             | 0.0190     |
| G285    | LCU | E004  | Cobalt, total                  | mg/L  | 03/30/21 - 02/20/24 | 12           | 25         | CI around mean          | 0.0017             | 0.00590    |

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024**

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 |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|------------|
| G285    | LCU | E004  | Fluoride, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 25         | CI around mean          | 0.276              | 0.564      |
| G285    | LCU | E004  | Lead, total                    | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.001              | 0.0120     |
| G285    | LCU | E004  | Lithium, total                 | mg/L  | 03/30/21 - 02/20/24 | 12           | 75         | CI around median        | 0.0051             | 0.0190     |
| G285    | LCU | E004  | Mercury, total                 | mg/L  | 03/30/21 - 02/20/24 | 12           | 92         | CI around median        | 0.0002             | 0.0002     |
| G285    | LCU | E004  | Molybdenum, total              | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CB around linear reg    | 0.000592           | 0.00450    |
| G285    | LCU | E004  | pH (field)                     | SU    | 03/30/21 - 02/20/24 | 12           | 0          | CI around median        | 6.7/6.9            | 6.6/7.6    |
| G285    | LCU | E004  | Radium 226 + Radium 228, total | pCi/L | 03/30/21 - 02/20/24 | 12           | 0          | CI around geomean       | 1.24               | 1.60       |
| G285    | LCU | E004  | Selenium, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 100        | All ND - Last           | 0.001              | 0.00480    |
| G285    | LCU | E004  | Sulfate, total                 | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CB around linear reg    | 586                | 94.0       |
| G285    | LCU | E004  | Thallium, total                | mg/L  | 03/30/21 - 02/20/24 | 12           | 92         | CB around T-S line      | 0.001              | 0.001      |
| G285    | LCU | E004  | Total Dissolved Solids         | mg/L  | 03/30/21 - 02/20/24 | 12           | 0          | CI around mean          | 1,440              | 551        |

**Notes:**

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

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 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

For pH, the values presented are the lower / upper limits of the background determination