



Dynegy Midwest Generation, LLC  
1500 Eastport Plaza Drive  
Collinsville, IL 62234

November 5, 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: Hennepin Power Plant East Ash Pond; IEPA ID # W1550100002-05**

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) Section (§) 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 3, 2024 sampling event at the Hennepin Power Plant East Ash Pond, identified by Illinois Environmental Protection Agency (IEPA) ID No. W1550100002-05. 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 exceedances of the GWPS.

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 3, 2024, East Ash Pond, Hennepin Power Plant, Hennepin, Illinois*

# 35 I.A.C. § 845.610(b)(3)(D) GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES QUARTER 3, 2024 EAST ASH POND, HENNEPIN POWER PLANT, HENNEPIN, ILLINOIS

November 5, 2024

Samples were collected on July 15, July 16, and August 6, 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 September 6, 2024.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 3, 2024 sampling event. **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 3, 2024 sampling event.

Statistical procedures used to evaluate groundwater results are provided in Appendix A of the Groundwater Monitoring Plan<sup>1</sup> included in the operating permit application. In accordance with 35 I.A.C. § 845.610(b)(3)(B), the Quarter 3, 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.

## TABLES

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| Table 1 | Field Parameters and Analytical Results - Quarter 3, 2024   |
| Table 2 | Comparison of Statistical Results to GWPS - Quarter 3, 2024 |

## FIGURES

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

## ATTACHMENTS

|              |                                                                   |
|--------------|-------------------------------------------------------------------|
| Attachment A | Groundwater Elevation Data - Quarter 3, 2024                      |
| Attachment B | Laboratory Reports and Field Data Sheets - Quarter 3, 2024        |
| Attachment C | Comparison of Statistical Results to Background - Quarter 3, 2024 |

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

## TABLES

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| 07      | Background | E006  | 07/15/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Arsenic, total                     | 0.00023 U  | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Barium, total                      | 0.170      | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Boron, total                       | 0.0930 J   | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Cadmium, total                     | 0.00017 U  | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Calcium, total                     | 170        | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Chloride, total                    | 170        | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Cobalt, total                      | 0.00230    | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Dissolved Oxygen                   | 6.82       | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Fluoride, total                    | 0.120      | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Lead, total                        | 0.00019 U  | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Lithium, total                     | 0.0130 J+  | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Molybdenum, total                  | 0.0025 U   | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Oxidation Reduction Potential      | 192        | mV           |
| 07      | Background | E006  | 07/15/2024 | pH (field)                         | 6.7        | SU           |
| 07      | Background | E006  | 07/15/2024 | Radium 226 + Radium 228, total     | 0.436      | pCi/L        |
| 07      | Background | E006  | 07/15/2024 | Selenium, total                    | 0.00098 U  | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Specific Conductance @ 25C (field) | 1,662      | micromhos/cm |
| 07      | Background | E006  | 07/15/2024 | Sulfate, total                     | 63.0       | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Temperature                        | 16.4       | degrees C    |
| 07      | Background | E006  | 07/15/2024 | Thallium, total                    | 0.00057 U  | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Total Dissolved Solids             | 1,100      | mg/L         |
| 07      | Background | E006  | 07/15/2024 | Turbidity, field                   | 2.66       | NTU          |
| 08      | Background | E006  | 07/16/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Arsenic, total                     | 0.00023 U  | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Barium, total                      | 0.100      | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Boron, total                       | 0.0990 J+  | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Cadmium, total                     | 0.0003 J   | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Calcium, total                     | 180        | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Chloride, total                    | 150        | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Cobalt, total                      | 0.00120    | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Dissolved Oxygen                   | 2.21       | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Fluoride, total                    | 0.110      | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Lead, total                        | 0.0005 UJ  | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Lithium, total                     | 0.0110 J+  | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Molybdenum, total                  | 0.0025 U   | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Oxidation Reduction Potential      | 189        | mV           |
| 08      | Background | E006  | 07/16/2024 | pH (field)                         | 6.7        | SU           |
| 08      | Background | E006  | 07/16/2024 | Radium 226 + Radium 228, total     | 0.596      | pCi/L        |
| 08      | Background | E006  | 07/16/2024 | Selenium, total                    | 0.00098 U  | mg/L         |



**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| 08      | Background | E006  | 07/16/2024 | Specific Conductance @ 25C (field) | 1,597      | micromhos/cm |
| 08      | Background | E006  | 07/16/2024 | Sulfate, total                     | 110        | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Temperature                        | 18.1       | degrees C    |
| 08      | Background | E006  | 07/16/2024 | Thallium, total                    | 0.00057 U  | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Total Dissolved Solids             | 870        | mg/L         |
| 08      | Background | E006  | 07/16/2024 | Turbidity, field                   | 1.78       | NTU          |
| 08D     | Background | E006  | 07/16/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Arsenic, total                     | 0.00023 U  | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Barium, total                      | 0.100      | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Boron, total                       | 0.100 J+   | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Cadmium, total                     | 0.000500   | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Calcium, total                     | 190        | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Chloride, total                    | 300        | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Cobalt, total                      | 0.00310    | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Dissolved Oxygen                   | 0.280      | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Fluoride, total                    | 0.110      | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Lead, total                        | 0.0005 UJ  | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Lithium, total                     | 0.0160 J+  | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Molybdenum, total                  | 0.0025 U   | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Oxidation Reduction Potential      | 196        | mV           |
| 08D     | Background | E006  | 07/16/2024 | pH (field)                         | 6.7        | SU           |
| 08D     | Background | E006  | 07/16/2024 | Radium 226 + Radium 228, total     | 0.418      | pCi/L        |
| 08D     | Background | E006  | 07/16/2024 | Selenium, total                    | 0.00098 U  | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Specific Conductance @ 25C (field) | 1,824      | micromhos/cm |
| 08D     | Background | E006  | 07/16/2024 | Sulfate, total                     | 170        | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Temperature                        | 15.4       | degrees C    |
| 08D     | Background | E006  | 07/16/2024 | Thallium, total                    | 0.00057 U  | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Total Dissolved Solids             | 1,300      | mg/L         |
| 08D     | Background | E006  | 07/16/2024 | Turbidity, field                   | 4.41       | NTU          |
| 16      | Background | E006  | 07/16/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Arsenic, total                     | 0.00023 U  | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Barium, total                      | 0.0630     | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Boron, total                       | 0.180 J+   | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Cadmium, total                     | 0.00017 U  | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Calcium, total                     | 73.0       | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Chloride, total                    | 70.0       | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Cobalt, total                      | 0.0004 U   | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Dissolved Oxygen                   | 0.480      | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Fluoride, total                    | 0.270      | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Lead, total                        | 0.00019 U  | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Lithium, total                     | 0.00760 J+ | mg/L         |

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| 16      | Background | E006  | 07/16/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Molybdenum, total                  | 0.00980    | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Oxidation Reduction Potential      | 193        | mV           |
| 16      | Background | E006  | 07/16/2024 | pH (field)                         | 7.3        | SU           |
| 16      | Background | E006  | 07/16/2024 | Radium 226 + Radium 228, total     | 0.117      | pCi/L        |
| 16      | Background | E006  | 07/16/2024 | Selenium, total                    | 0.00098 U  | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Specific Conductance @ 25C (field) | 823        | micromhos/cm |
| 16      | Background | E006  | 07/16/2024 | Sulfate, total                     | 59.0       | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Temperature                        | 22.1       | degrees C    |
| 16      | Background | E006  | 07/16/2024 | Thallium, total                    | 0.00057 U  | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Total Dissolved Solids             | 450        | mg/L         |
| 16      | Background | E006  | 07/16/2024 | Turbidity, field                   | 1.12       | NTU          |
| 17      | Background | E006  | 08/06/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Arsenic, total                     | 0.00023 U  | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Barium, total                      | 0.0680     | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Boron, total                       | 0.110 J+   | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Cadmium, total                     | 0.00017 U  | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Calcium, total                     | 65.0       | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Chloride, total                    | 68.0       | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Cobalt, total                      | 0.0004 U   | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Dissolved Oxygen                   | 6.79       | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Fluoride, total                    | 0.270      | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Lead, total                        | 0.00019 U  | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Lithium, total                     | 0.00620 J+ | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Molybdenum, total                  | 0.00620    | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Oxidation Reduction Potential      | 88.7       | mV           |
| 17      | Background | E006  | 08/06/2024 | pH (field)                         | 7.2        | SU           |
| 17      | Background | E006  | 08/06/2024 | Radium 226 + Radium 228, total     | 0.745      | pCi/L        |
| 17      | Background | E006  | 08/06/2024 | Selenium, total                    | 0.00098 U  | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Specific Conductance @ 25C (field) | 789        | micromhos/cm |
| 17      | Background | E006  | 08/06/2024 | Sulfate, total                     | 55.0       | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Temperature                        | 23.0       | degrees C    |
| 17      | Background | E006  | 08/06/2024 | Thallium, total                    | 0.00057 U  | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Total Dissolved Solids             | 400        | mg/L         |
| 17      | Background | E006  | 08/06/2024 | Turbidity, field                   | 1.43       | NTU          |
| 12      | Compliance | E006  | 07/15/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Arsenic, total                     | 0.00023 U  | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Barium, total                      | 0.0560     | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Boron, total                       | 0.170 J+   | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Cadmium, total                     | 0.00017 U  | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Calcium, total                     | 77.0       | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Chloride, total                    | 69.0       | mg/L         |

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| 12      | Compliance | E006  | 07/15/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Cobalt, total                      | 0.0004 U   | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Dissolved Oxygen                   | 2.79       | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Fluoride, total                    | 0.220      | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Lead, total                        | 0.00019 U  | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Lithium, total                     | 0.00830 J+ | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Molybdenum, total                  | 0.0150     | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Oxidation Reduction Potential      | 108        | mV           |
| 12      | Compliance | E006  | 07/15/2024 | pH (field)                         | 7.3        | SU           |
| 12      | Compliance | E006  | 07/15/2024 | Radium 226 + Radium 228, total     | 0.641      | pCi/L        |
| 12      | Compliance | E006  | 07/15/2024 | Selenium, total                    | 0.00098 U  | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Specific Conductance @ 25C (field) | 678        | micromhos/cm |
| 12      | Compliance | E006  | 07/15/2024 | Sulfate, total                     | 60.0       | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Temperature                        | 18.0       | degrees C    |
| 12      | Compliance | E006  | 07/15/2024 | Thallium, total                    | 0.00057 U  | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Total Dissolved Solids             | 570        | mg/L         |
| 12      | Compliance | E006  | 07/15/2024 | Turbidity, field                   | 4.08       | NTU          |
| 13      | Compliance | E006  | 07/15/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Arsenic, total                     | 0.0003 J   | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Barium, total                      | 0.0440     | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Boron, total                       | 0.170 J+   | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Cadmium, total                     | 0.00017 U  | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Calcium, total                     | 80.0       | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Chloride, total                    | 69.0       | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Cobalt, total                      | 0.0004 U   | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Dissolved Oxygen                   | 2.37       | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Fluoride, total                    | 0.200      | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Lead, total                        | 0.00019 U  | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Lithium, total                     | 0.0110 J+  | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Molybdenum, total                  | 0.00990    | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Oxidation Reduction Potential      | 139        | mV           |
| 13      | Compliance | E006  | 07/15/2024 | pH (field)                         | 7.3        | SU           |
| 13      | Compliance | E006  | 07/15/2024 | Radium 226 + Radium 228, total     | 0.153      | pCi/L        |
| 13      | Compliance | E006  | 07/15/2024 | Selenium, total                    | 0.00098 U  | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Specific Conductance @ 25C (field) | 684        | micromhos/cm |
| 13      | Compliance | E006  | 07/15/2024 | Sulfate, total                     | 61.0       | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Temperature                        | 17.6       | degrees C    |
| 13      | Compliance | E006  | 07/15/2024 | Thallium, total                    | 0.00057 U  | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Total Dissolved Solids             | 560        | mg/L         |
| 13      | Compliance | E006  | 07/15/2024 | Turbidity, field                   | 4.00       | NTU          |
| 46      | Compliance | E006  | 08/06/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Arsenic, total                     | 0.00023 U  | mg/L         |

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| 46      | Compliance | E006  | 08/06/2024 | Barium, total                      | 0.0630     | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Boron, total                       | 0.190 J+   | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Cadmium, total                     | 0.00017 U  | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Calcium, total                     | 77.0       | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Chloride, total                    | 67.0       | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Cobalt, total                      | 0.0004 U   | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Dissolved Oxygen                   | 1.94       | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Fluoride, total                    | 0.240      | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Lead, total                        | 0.00019 U  | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Lithium, total                     | 0.00800 J+ | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Molybdenum, total                  | 0.0170     | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Oxidation Reduction Potential      | 117        | mV           |
| 46      | Compliance | E006  | 08/06/2024 | pH (field)                         | 7.2        | SU           |
| 46      | Compliance | E006  | 08/06/2024 | Radium 226 + Radium 228, total     | 0.111      | pCi/L        |
| 46      | Compliance | E006  | 08/06/2024 | Selenium, total                    | 0.00098 U  | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Specific Conductance @ 25C (field) | 857        | micromhos/cm |
| 46      | Compliance | E006  | 08/06/2024 | Sulfate, total                     | 58.0       | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Temperature                        | 19.5       | degrees C    |
| 46      | Compliance | E006  | 08/06/2024 | Thallium, total                    | 0.00057 U  | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Total Dissolved Solids             | 410        | mg/L         |
| 46      | Compliance | E006  | 08/06/2024 | Turbidity, field                   | 1.51       | NTU          |
| 47      | Compliance | E006  | 08/06/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Arsenic, total                     | 0.00023 U  | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Barium, total                      | 0.0720     | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Boron, total                       | 0.360      | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Cadmium, total                     | 0.00017 U  | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Calcium, total                     | 85.0       | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Chloride, total                    | 65.0       | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Cobalt, total                      | 0.0004 U   | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Dissolved Oxygen                   | 2.77       | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Fluoride, total                    | 0.310      | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Lead, total                        | 0.00019 U  | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Lithium, total                     | 0.0100 J+  | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Molybdenum, total                  | 0.0310     | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Oxidation Reduction Potential      | 144        | mV           |
| 47      | Compliance | E006  | 08/06/2024 | pH (field)                         | 7.2        | SU           |
| 47      | Compliance | E006  | 08/06/2024 | Radium 226 + Radium 228, total     | 0.13       | pCi/L        |
| 47      | Compliance | E006  | 08/06/2024 | Selenium, total                    | 0.0012 J   | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Specific Conductance @ 25C (field) | 907        | micromhos/cm |
| 47      | Compliance | E006  | 08/06/2024 | Sulfate, total                     | 73.0       | mg/L         |

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | Well Type  | Event | Date       | Parameter                          | Result     | Unit         |
|---------|------------|-------|------------|------------------------------------|------------|--------------|
| 47      | Compliance | E006  | 08/06/2024 | Temperature                        | 18.4       | degrees C    |
| 47      | Compliance | E006  | 08/06/2024 | Thallium, total                    | 0.00057 U  | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Total Dissolved Solids             | 460        | mg/L         |
| 47      | Compliance | E006  | 08/06/2024 | Turbidity, field                   | 0.440      | NTU          |
| 52      | Compliance | E006  | 08/06/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Arsenic, total                     | 0.00023 U  | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Barium, total                      | 0.0810     | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Boron, total                       | 0.280 J+   | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Cadmium, total                     | 0.00017 U  | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Calcium, total                     | 89.0       | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Chloride, total                    | 70.0       | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Cobalt, total                      | 0.0004 U   | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Dissolved Oxygen                   | 0.980      | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Fluoride, total                    | 0.270      | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Lead, total                        | 0.00019 U  | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Lithium, total                     | 0.0100 J+  | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Molybdenum, total                  | 0.0140     | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Oxidation Reduction Potential      | 127        | mV           |
| 52      | Compliance | E006  | 08/06/2024 | pH (field)                         | 7.0        | SU           |
| 52      | Compliance | E006  | 08/06/2024 | Radium 226 + Radium 228, total     | 0.295      | pCi/L        |
| 52      | Compliance | E006  | 08/06/2024 | Selenium, total                    | 0.00098 U  | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Specific Conductance @ 25C (field) | 932        | micromhos/cm |
| 52      | Compliance | E006  | 08/06/2024 | Sulfate, total                     | 60.0       | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Temperature                        | 20.0       | degrees C    |
| 52      | Compliance | E006  | 08/06/2024 | Thallium, total                    | 0.00057 U  | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Total Dissolved Solids             | 450        | mg/L         |
| 52      | Compliance | E006  | 08/06/2024 | Turbidity, field                   | 1.20       | NTU          |
| 54      | Compliance | E006  | 08/06/2024 | Antimony, total                    | 0.0013 U   | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Arsenic, total                     | 0.00023 J  | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Barium, total                      | 0.0460     | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Beryllium, total                   | 0.00053 U  | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Boron, total                       | 0.290 J+   | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Cadmium, total                     | 0.00017 U  | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Calcium, total                     | 78.0       | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Chloride, total                    | 69.0       | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Chromium, total                    | 0.0011 U   | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Cobalt, total                      | 0.0004 U   | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Dissolved Oxygen                   | 3.07       | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Fluoride, total                    | 0.250      | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Lead, total                        | 0.00019 U  | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Lithium, total                     | 0.0110 J+  | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Mercury, total                     | 0.000076 U | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Molybdenum, total                  | 0.0250     | mg/L         |

TABLE 1.  
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024

845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | Well Type  | Event | Date       | Parameter                          | Result    | Unit         |
|---------|------------|-------|------------|------------------------------------|-----------|--------------|
| 54      | Compliance | E006  | 08/06/2024 | Oxidation Reduction Potential      | 125       | mV           |
| 54      | Compliance | E006  | 08/06/2024 | pH (field)                         | 7.3       | SU           |
| 54      | Compliance | E006  | 08/06/2024 | Radium 226 + Radium 228, total     | 0.138     | pCi/L        |
| 54      | Compliance | E006  | 08/06/2024 | Selenium, total                    | 0.0011 J  | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Specific Conductance @ 25C (field) | 874       | micromhos/cm |
| 54      | Compliance | E006  | 08/06/2024 | Sulfate, total                     | 64.0      | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Temperature                        | 19.0      | degrees C    |
| 54      | Compliance | E006  | 08/06/2024 | Thallium, total                    | 0.00057 U | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Total Dissolved Solids             | 480       | mg/L         |
| 54      | Compliance | E006  | 08/06/2024 | Turbidity, field                   | 0.810     | NTU          |

**Notes:**  
C = Celsius  
cm = centimeter  
mg/L = milligrams per liter  
Missing Code (if applicable):  
NR<sup>1</sup> = Select parameters were not analyzed.  
NS<sup>1</sup> = This well has been, or will be, abandoned; therefore, a sample was not collected.  
NS<sup>2</sup> = Well either needs or was undergoing maintenance, therefore, a sample was not collected.  
NS<sup>3</sup> = A sample was not collected because the location was inaccessible.  
NS<sup>4</sup> = The location could not be found, therefore a sample was not collected.  
NS<sup>5</sup> = A sample was not collected because of damage to the well.  
NS<sup>6</sup> = A sample was not collected because of pump issues.  
NS<sup>7</sup> = A sample was not collected because the well was either dry or was purged dry and did not recover.  
PM<sup>1</sup> = Select parameters were not analyzed as the well purged dry during sample collection and did not sufficiently recover to sample for all parameters.  
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 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 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | GWPS    | GWPS Source       | Compliance Result |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|---------|-------------------|-------------------|
| 12      | UA  | E006  | Antimony, total                | mg/L  | 12/09/15 - 07/15/24 | 22           | 100        | All ND - Last           | 0.003              | 0.006   | Standard          | No Exceedance     |
| 12      | UA  | E006  | Arsenic, total                 | mg/L  | 12/09/15 - 07/15/24 | 27           | 100        | All ND - Last           | 0.001              | 0.010   | Standard          | No Exceedance     |
| 12      | UA  | E006  | Barium, total                  | mg/L  | 12/09/15 - 07/15/24 | 29           | 0          | CI around mean          | 0.0529             | 2.0     | Standard          | No Exceedance     |
| 12      | UA  | E006  | Beryllium, total               | mg/L  | 12/09/15 - 07/15/24 | 21           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| 12      | UA  | E006  | Boron, total                   | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CB around T-S line      | 0.0369             | 2       | Standard          | No Exceedance     |
| 12      | UA  | E006  | Cadmium, total                 | mg/L  | 12/09/15 - 07/15/24 | 31           | 90         | CB around T-S line      | 0.000632           | 0.005   | Standard          | No Exceedance     |
| 12      | UA  | E006  | Chloride, total                | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CI around mean          | 70.4               | 435     | Background        | No Exceedance     |
| 12      | UA  | E006  | Chromium, total                | mg/L  | 12/09/15 - 07/15/24 | 27           | 97         | CB around T-S line      | 0.00153            | 0.1     | Standard          | No Exceedance     |
| 12      | UA  | E006  | Cobalt, total                  | mg/L  | 12/09/15 - 07/15/24 | 25           | 84         | Most recent sample      | 0.001              | 0.0380  | Background        | No Exceedance     |
| 12      | UA  | E006  | Fluoride, total                | mg/L  | 12/09/15 - 07/15/24 | 30           | 2          | CI around median        | 0.23               | 4.0     | Standard          | No Exceedance     |
| 12      | UA  | E006  | Lead, total                    | mg/L  | 12/09/15 - 07/15/24 | 27           | 100        | All ND - Last           | 0.0005             | 0.0075  | Standard          | No Exceedance     |
| 12      | UA  | E006  | Lithium, total                 | mg/L  | 12/09/15 - 07/15/24 | 26           | 4          | CB around linear reg    | 0.00605            | 0.04    | Standard          | No Exceedance     |
| 12      | UA  | E006  | Mercury, total                 | mg/L  | 12/09/15 - 07/15/24 | 24           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| 12      | UA  | E006  | Molybdenum, total              | mg/L  | 12/09/15 - 07/15/24 | 29           | 0          | CB around linear reg    | 0.00978            | 0.1     | Standard          | No Exceedance     |
| 12      | UA  | E006  | pH (field)                     | SU    | 12/09/15 - 07/15/24 | 37           | 0          | CI around mean          | 7.3/7.4            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| 12      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 12/09/15 - 07/15/24 | 25           | 0          | CI around geomean       | 0.364              | 5       | Standard          | No Exceedance     |
| 12      | UA  | E006  | Selenium, total                | mg/L  | 12/09/15 - 07/15/24 | 29           | 60         | CI around median        | 0.001              | 0.05    | Standard          | No Exceedance     |
| 12      | UA  | E006  | Sulfate, total                 | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CI around geomean       | 63.9               | 400     | Standard          | No Exceedance     |
| 12      | UA  | E006  | Thallium, total                | mg/L  | 12/09/15 - 07/15/24 | 21           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| 12      | UA  | E006  | Total Dissolved Solids         | mg/L  | 12/09/15 - 07/15/24 | 26           | 0          | CI around mean          | 467                | 1,620   | Background        | No Exceedance     |
| 13      | UA  | E006  | Antimony, total                | mg/L  | 12/09/15 - 07/15/24 | 22           | 96         | CB around T-S line      | 0.001              | 0.006   | Standard          | No Exceedance     |
| 13      | UA  | E006  | Arsenic, total                 | mg/L  | 12/09/15 - 07/15/24 | 27           | 97         | CI around median        | 0.001              | 0.010   | Standard          | No Exceedance     |
| 13      | UA  | E006  | Barium, total                  | mg/L  | 12/09/15 - 07/15/24 | 29           | 0          | CI around mean          | 0.0433             | 2.0     | Standard          | No Exceedance     |
| 13      | UA  | E006  | Beryllium, total               | mg/L  | 12/09/15 - 07/15/24 | 21           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| 13      | UA  | E006  | Boron, total                   | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CB around linear reg    | 0.0308             | 2       | Standard          | No Exceedance     |
| 13      | UA  | E006  | Cadmium, total                 | mg/L  | 12/09/15 - 07/15/24 | 31           | 98         | CB around T-S line      | 0.000632           | 0.005   | Standard          | No Exceedance     |
| 13      | UA  | E006  | Chloride, total                | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CI around mean          | 73.3               | 435     | Background        | No Exceedance     |

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | GWPS    | GWPS Source       | Compliance Result |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|---------|-------------------|-------------------|
| 13      | UA  | E006  | Chromium, total                | mg/L  | 12/09/15 - 07/15/24 | 27           | 87         | CB around T-S line      | 0.00173            | 0.1     | Standard          | No Exceedance     |
| 13      | UA  | E006  | Cobalt, total                  | mg/L  | 12/09/15 - 07/15/24 | 25           | 84         | Most recent sample      | 0.001              | 0.0380  | Background        | No Exceedance     |
| 13      | UA  | E006  | Fluoride, total                | mg/L  | 12/09/15 - 07/15/24 | 30           | 2          | CI around median        | 0.2                | 4.0     | Standard          | No Exceedance     |
| 13      | UA  | E006  | Lead, total                    | mg/L  | 12/09/15 - 07/15/24 | 27           | 97         | CB around T-S line      | 0.00085            | 0.0075  | Standard          | No Exceedance     |
| 13      | UA  | E006  | Lithium, total                 | mg/L  | 12/09/15 - 07/15/24 | 26           | 0          | CI around mean          | 0.0159             | 0.04    | Standard          | No Exceedance     |
| 13      | UA  | E006  | Mercury, total                 | mg/L  | 12/09/15 - 07/15/24 | 24           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| 13      | UA  | E006  | Molybdenum, total              | mg/L  | 12/09/15 - 07/15/24 | 29           | 25         | CI around mean          | 0.0141             | 0.1     | Standard          | No Exceedance     |
| 13      | UA  | E006  | pH (field)                     | SU    | 12/09/15 - 07/15/24 | 37           | 0          | CI around mean          | 7.4/7.5            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| 13      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 12/09/15 - 07/15/24 | 25           | 0          | CI around mean          | 0.446              | 5       | Standard          | No Exceedance     |
| 13      | UA  | E006  | Selenium, total                | mg/L  | 12/09/15 - 07/15/24 | 29           | 48         | CI around mean          | 0.00134            | 0.05    | Standard          | No Exceedance     |
| 13      | UA  | E006  | Sulfate, total                 | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CI around mean          | 76.4               | 400     | Standard          | No Exceedance     |
| 13      | UA  | E006  | Thallium, total                | mg/L  | 12/09/15 - 07/15/24 | 21           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| 13      | UA  | E006  | Total Dissolved Solids         | mg/L  | 12/09/15 - 07/15/24 | 29           | 0          | CI around mean          | 486                | 1,620   | Background        | No Exceedance     |
| 46      | UA  | E006  | Antimony, total                | mg/L  | 12/09/15 - 08/06/24 | 21           | 100        | All ND - Last           | 0.003              | 0.006   | Standard          | No Exceedance     |
| 46      | UA  | E006  | Arsenic, total                 | mg/L  | 12/09/15 - 08/06/24 | 23           | 100        | All ND - Last           | 0.001              | 0.010   | Standard          | No Exceedance     |
| 46      | UA  | E006  | Barium, total                  | mg/L  | 12/09/15 - 08/06/24 | 25           | 0          | CB around linear reg    | 0.0659             | 2.0     | Standard          | No Exceedance     |
| 46      | UA  | E006  | Beryllium, total               | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| 46      | UA  | E006  | Boron, total                   | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 0.199              | 2       | Standard          | No Exceedance     |
| 46      | UA  | E006  | Cadmium, total                 | mg/L  | 12/09/15 - 08/06/24 | 24           | 100        | All ND - Last           | 0.0005             | 0.005   | Standard          | No Exceedance     |
| 46      | UA  | E006  | Chloride, total                | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 69.9               | 435     | Background        | No Exceedance     |
| 46      | UA  | E006  | Chromium, total                | mg/L  | 12/09/15 - 08/06/24 | 23           | 91         | CB around T-S line      | 0.00167            | 0.1     | Standard          | No Exceedance     |
| 46      | UA  | E006  | Cobalt, total                  | mg/L  | 12/09/15 - 08/06/24 | 24           | 100        | All ND - Last           | 0.001              | 0.0380  | Background        | No Exceedance     |
| 46      | UA  | E006  | Fluoride, total                | mg/L  | 12/09/15 - 08/06/24 | 26           | 4          | CI around median        | 0.24               | 4.0     | Standard          | No Exceedance     |
| 46      | UA  | E006  | Lead, total                    | mg/L  | 12/09/15 - 08/06/24 | 23           | 100        | All ND - Last           | 0.0005             | 0.0075  | Standard          | No Exceedance     |
| 46      | UA  | E006  | Lithium, total                 | mg/L  | 12/09/15 - 08/06/24 | 25           | 4          | CI around median        | 0.0088             | 0.04    | Standard          | No Exceedance     |
| 46      | UA  | E006  | Mercury, total                 | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| 46      | UA  | E006  | Molybdenum, total              | mg/L  | 12/09/15 - 08/06/24 | 25           | 0          | CB around T-S line      | 0.00891            | 0.1     | Standard          | No Exceedance     |



**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | GWPS    | GWPS Source       | Compliance Result |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|---------|-------------------|-------------------|
| 46      | UA  | E006  | pH (field)                     | SU    | 12/09/15 - 08/06/24 | 26           | 0          | CB around linear reg    | 7.1/7.3            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| 46      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 12/09/15 - 08/06/24 | 25           | 0          | CI around geomean       | 0.299              | 5       | Standard          | No Exceedance     |
| 46      | UA  | E006  | Selenium, total                | mg/L  | 12/09/15 - 08/06/24 | 25           | 64         | CI around median        | 0.001              | 0.05    | Standard          | No Exceedance     |
| 46      | UA  | E006  | Sulfate, total                 | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around geomean       | 62.5               | 400     | Standard          | No Exceedance     |
| 46      | UA  | E006  | Thallium, total                | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| 46      | UA  | E006  | Total Dissolved Solids         | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CB around linear reg    | 451                | 1,620   | Background        | No Exceedance     |
| 47      | UA  | E006  | Antimony, total                | mg/L  | 12/09/15 - 08/06/24 | 21           | 100        | All ND - Last           | 0.003              | 0.006   | Standard          | No Exceedance     |
| 47      | UA  | E006  | Arsenic, total                 | mg/L  | 12/09/15 - 08/06/24 | 23           | 96         | CI around median        | 0.001              | 0.010   | Standard          | No Exceedance     |
| 47      | UA  | E006  | Barium, total                  | mg/L  | 12/09/15 - 08/06/24 | 25           | 0          | CI around mean          | 0.0791             | 2.0     | Standard          | No Exceedance     |
| 47      | UA  | E006  | Beryllium, total               | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| 47      | UA  | E006  | Boron, total                   | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around geomean       | 0.223              | 2       | Standard          | No Exceedance     |
| 47      | UA  | E006  | Cadmium, total                 | mg/L  | 12/09/15 - 08/06/24 | 24           | 100        | All ND - Last           | 0.0005             | 0.005   | Standard          | No Exceedance     |
| 47      | UA  | E006  | Chloride, total                | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 73.7               | 435     | Background        | No Exceedance     |
| 47      | UA  | E006  | Chromium, total                | mg/L  | 12/09/15 - 08/06/24 | 23           | 96         | CB around T-S line      | 0.00162            | 0.1     | Standard          | No Exceedance     |
| 47      | UA  | E006  | Cobalt, total                  | mg/L  | 12/09/15 - 08/06/24 | 24           | 83         | CI around median        | 0.001              | 0.0380  | Background        | No Exceedance     |
| 47      | UA  | E006  | Fluoride, total                | mg/L  | 12/09/15 - 08/06/24 | 26           | 4          | CB around T-S line      | 0.215              | 4.0     | Standard          | No Exceedance     |
| 47      | UA  | E006  | Lead, total                    | mg/L  | 12/09/15 - 08/06/24 | 23           | 100        | All ND - Last           | 0.0005             | 0.0075  | Standard          | No Exceedance     |
| 47      | UA  | E006  | Lithium, total                 | mg/L  | 12/09/15 - 08/06/24 | 25           | 0          | CI around mean          | 0.00849            | 0.04    | Standard          | No Exceedance     |
| 47      | UA  | E006  | Mercury, total                 | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| 47      | UA  | E006  | Molybdenum, total              | mg/L  | 12/09/15 - 08/06/24 | 25           | 0          | CB around linear reg    | 0.0139             | 0.1     | Standard          | No Exceedance     |
| 47      | UA  | E006  | pH (field)                     | SU    | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 7.0/7.1            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| 47      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 12/09/15 - 08/06/24 | 25           | 0          | CI around geomean       | 0.3                | 5       | Standard          | No Exceedance     |
| 47      | UA  | E006  | Selenium, total                | mg/L  | 12/09/15 - 08/06/24 | 24           | 88         | CB around T-S line      | 0.001              | 0.05    | Standard          | No Exceedance     |
| 47      | UA  | E006  | Sulfate, total                 | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 65                 | 400     | Standard          | No Exceedance     |
| 47      | UA  | E006  | Thallium, total                | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| 47      | UA  | E006  | Total Dissolved Solids         | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 480                | 1,620   | Background        | No Exceedance     |
| 52      | UA  | E006  | Antimony, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.003              | 0.006   | Standard          | No Exceedance     |

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | GWPS    | GWPS Source       | Compliance Result |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|---------|-------------------|-------------------|
| 52      | UA  | E006  | Arsenic, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.001              | 0.010   | Standard          | No Exceedance     |
| 52      | UA  | E006  | Barium, total                  | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 0.0743             | 2.0     | Standard          | No Exceedance     |
| 52      | UA  | E006  | Beryllium, total               | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| 52      | UA  | E006  | Boron, total                   | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around geomean       | 0.147              | 2       | Standard          | No Exceedance     |
| 52      | UA  | E006  | Cadmium, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.0005             | 0.005   | Standard          | No Exceedance     |
| 52      | UA  | E006  | Chloride, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 73                 | 435     | Background        | No Exceedance     |
| 52      | UA  | E006  | Chromium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.005              | 0.1     | Standard          | No Exceedance     |
| 52      | UA  | E006  | Cobalt, total                  | mg/L  | 02/24/21 - 08/06/24 | 15           | 93         | Most recent sample      | 0.001              | 0.0380  | Background        | No Exceedance     |
| 52      | UA  | E006  | Fluoride, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 7          | CI around geomean       | 0.264              | 4.0     | Standard          | No Exceedance     |
| 52      | UA  | E006  | Lead, total                    | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.0005             | 0.0075  | Standard          | No Exceedance     |
| 52      | UA  | E006  | Lithium, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 13         | CI around mean          | 0.00543            | 0.04    | Standard          | No Exceedance     |
| 52      | UA  | E006  | Mercury, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.0002             | 0.002   | Standard          | No Exceedance     |
| 52      | UA  | E006  | Molybdenum, total              | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 0.0109             | 0.1     | Standard          | No Exceedance     |
| 52      | UA  | E006  | pH (field)                     | SU    | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 7.0/7.3            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| 52      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 0.413              | 5       | Standard          | No Exceedance     |
| 52      | UA  | E006  | Selenium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 93         | CB around T-S line      | 0.001              | 0.05    | Standard          | No Exceedance     |
| 52      | UA  | E006  | Sulfate, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 60.7               | 400     | Standard          | No Exceedance     |
| 52      | UA  | E006  | Thallium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 93         | CI around median        | 0.002              | 0.002   | Standard          | No Exceedance     |
| 52      | UA  | E006  | Total Dissolved Solids         | mg/L  | 02/24/21 - 08/06/24 | 14           | 0          | CI around mean          | 447                | 1,620   | Background        | No Exceedance     |
| 54      | UA  | E006  | Antimony, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.003              | 0.006   | Standard          | No Exceedance     |
| 54      | UA  | E006  | Arsenic, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.001              | 0.010   | Standard          | No Exceedance     |
| 54      | UA  | E006  | Barium, total                  | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CB around linear reg    | 0.0389             | 2.0     | Standard          | No Exceedance     |
| 54      | UA  | E006  | Beryllium, total               | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.001              | 0.004   | Standard          | No Exceedance     |
| 54      | UA  | E006  | Boron, total                   | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CB around linear reg    | 0.0633             | 2       | Standard          | No Exceedance     |
| 54      | UA  | E006  | Cadmium, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.0005             | 0.005   | Standard          | No Exceedance     |
| 54      | UA  | E006  | Chloride, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 77.2               | 435     | Background        | No Exceedance     |
| 54      | UA  | E006  | Chromium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.005              | 0.1     | Standard          | No Exceedance     |

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | GWPS    | GWPS Source       | Compliance Result |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|---------|-------------------|-------------------|
| 54      | UA  | E006  | Cobalt, total                  | mg/L  | 02/24/21 - 08/06/24 | 15           | 87         | CI around median        | 0.001              | 0.0380  | Background        | No Exceedance     |
| 54      | UA  | E006  | Fluoride, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 7          | CB around T-S line      | 0.0288             | 4.0     | Standard          | No Exceedance     |
| 54      | UA  | E006  | Lead, total                    | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.0005             | 0.0075  | Standard          | No Exceedance     |
| 54      | UA  | E006  | Lithium, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around median        | 0.011              | 0.04    | Standard          | No Exceedance     |
| 54      | UA  | E006  | Mercury, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 93         | CI around median        | 0.0002             | 0.002   | Standard          | No Exceedance     |
| 54      | UA  | E006  | Molybdenum, total              | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 0.022              | 0.1     | Standard          | No Exceedance     |
| 54      | UA  | E006  | pH (field)                     | SU    | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 7.1/7.4            | 6.5/9.0 | Standard/Standard | No Exceedance     |
| 54      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 02/24/21 - 08/06/24 | 15           | 0          | CI around geomean       | 0.123              | 5       | Standard          | No Exceedance     |
| 54      | UA  | E006  | Selenium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 53         | CB around T-S line      | 0.00179            | 0.05    | Standard          | No Exceedance     |
| 54      | UA  | E006  | Sulfate, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 75.7               | 400     | Standard          | No Exceedance     |
| 54      | UA  | E006  | Thallium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.002              | 0.002   | Standard          | No Exceedance     |
| 54      | UA  | E006  | Total Dissolved Solids         | mg/L  | 02/24/21 - 08/06/24 | 13           | 0          | CI around mean          | 492                | 1,620   | Background        | No Exceedance     |

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024**  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

**Notes:**

Compliance Result:  
    No Exceedance: the statistical result did not exceed the GWPS.

HSU = hydrostratigraphic unit:  
    UA = Uppermost Aquifer

mg/L = milligrams per liter

Missing Code (if applicable):  
    NR<sup>1</sup> = Select parameters were not analyzed.  
    NS<sup>1</sup> = This well has been, or will be, abandoned; therefore, a sample was not collected.  
    NS<sup>2</sup> = Well either needs or was undergoing maintenance, therefore, a sample was not collected.  
    NS<sup>3</sup> = A sample was not collected because the location was inaccessible.  
    NS<sup>4</sup> = The location could not be found, therefore a sample was not collected.  
    NS<sup>5</sup> = A sample was not collected because of damage to the well.  
    NS<sup>6</sup> = A sample was not collected because of pump issues.  
    NS<sup>7</sup> = A sample was not collected because the well was either dry or was purged dry and did not recover.  
    PM<sup>1</sup> = Select parameters were not analyzed as the well purged dry during sample collection and did not sufficiently recover to sample for all parameters.

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

## FIGURES





- BACKGROUND WELL
- COMPLIANCE WELL
- STAFF GAUGE
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

0 175 350  
Feet

MONITORING WELL LOCATION  
MAP

EAST ASH POND  
HENNEPIN POWER PLANT  
HENNEPIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS  
ENGINEERING SOLUTIONS, INC.





## ATTACHMENTS



**ATTACHMENT A  
GROUNDWATER ELEVATION DATA  
QUARTER 3, 2024**

ATTACHMENT A.  
GROUNDWATER ELEVATION DATA - QUARTER 3, 2024  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | Well Type   | Date       | Depth to Groundwater<br>(feet BMP) | Groundwater Elevation<br>(feet NAVD88) |
|---------|-------------|------------|------------------------------------|----------------------------------------|
| 07      | Background  | 07/15/2024 | 67.77                              | 450.50                                 |
| 08      | Background  | 07/15/2024 | 53.25                              | 447.93                                 |
| 08D     | Background  | 07/15/2024 | 54.24                              | 447.17                                 |
| 12      | Compliance  | 07/15/2024 | 51.41                              | 447.20                                 |
| 13      | Compliance  | 07/15/2024 | 51.36                              | 447.28                                 |
| 16      | Background  | 07/15/2024 | 54.42                              | 447.09                                 |
| 17      | Background  | 07/15/2024 | 56.61                              | 450.69                                 |
| 46      | Compliance  | 07/15/2024 | 51.62                              | 447.30                                 |
| 47      | Compliance  | 07/15/2024 | 55.87                              | 446.95                                 |
| 52      | Compliance  | 08/06/2024 | [54.01]                            | [447.49]                               |
| 54      | Compliance  | 07/15/2024 | 53.32                              | 447.05                                 |
| XSG01   | Water Level | 07/15/2024 | 10.14                              | 483.52                                 |
| SG02    | Water Level | 07/15/2024 | NA                                 | 446.00                                 |

**Notes:**  
BMP = below measuring point  
Bracketing [ ] indicates that the measurement was obtained outside of the 24-hour period from initiation of depth to groundwater measurements.  
Missing Code (if applicable):  
DM<sup>1</sup> = Depth to water was not measured.  
DM<sup>2</sup> = Depth to water was not measured because water was above or below the staff gage markings.  
DM<sup>3</sup> = Depth to water was not measured because the location was inaccessible.  
DM<sup>4</sup> = Depth to water was not measured because water level was below the top of the pump.  
DM<sup>5</sup> = Depth to water was not measured because water level was above the top of casing (artesian well).  
DM<sup>6</sup> = Depth to water was not measured because of damage to the well.  
DM<sup>7</sup> = Depth to water was was not measured due to malfunctioning pressure transducer.  
NA = not available/not applicable  
NAVD88 = North American Vertical Datum of 1988

**ATTACHMENT B  
LABORATORY REPORTS AND FIELD DATA SHEETS  
QUARTER 3, 2024**

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Brian Voelker  
Vistra Energy Corp  
133 S 4th, Suite 206  
Springfield, Illinois 62701

Generated 08/27/24 15:40:54

## JOB DESCRIPTION

HEN-24Q3  
HEN\_845\_803

## JOB NUMBER

500-253560-8

## 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 Chicago Project Manager.

## Authorization



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08/27/24 15:40:54

Authorized for release by  
Dirk Nelson, Project Management Assistant II  
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## Case Narrative

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8

Client: Vistra Energy Corp  
Project: HEN-24Q3

Job ID: 500-253560-8

Eurofins Chicago

### Job Narrative 500-253560-8

#### Receipt

The samples were received on 07/16/24 13:05. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 18 coolers at receipt time were -0.2° C, 0.8° C, 0.9° C, 0.9° C, 1.6° C, 1.7° C, 3.1° C, 4.0° C, 4.2° C, 5.7° C, 5.7° C, 5.7° C, 5.9° C, 9.1° C, 11.3° C, 11.8° C, 11.8° C and 12.7° C.

#### Receipt Exceptions

The following samples from the July sampling event were received at the laboratory outside the required temperature criteria: HEN\_17 (500-253560-24), HEN\_21R (500-253560-25), HEN\_21R\_MS (500-253560-25[MS]), HEN\_21R\_MSD (500-253560-25[MSD]), HEN\_22 (500-253560-26), HEN\_22&D (500-253560-27), HEN\_27 (500-253560-28), HEN\_32 (500-253560-29), HEN\_34 (500-253560-30), HEN\_35 (500-253560-31), HEN\_35\_FD (500-253560-32), HEN\_46 (500-253560-33), HEN\_47 (500-253560-34), HEN\_49 (500-253560-35), HEN\_49\_MS (500-253560-35[MS]), HEN\_49\_MSD (500-253560-35[MSD]), HEN\_50 (500-253560-36), HEN\_52 (500-253560-37), HEN\_54 (500-253560-38) and HEN\_54\_FD (500-253560-39). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to cancel analysis, pending resampling.

Affected samples were recollected on 08/06/24 and added to the existing login to report together.

Method Field Sampling: Field Conductivity for the following samples was recorded on the field forms in ms (mmhos) instead of the usual us (umhos). Results have been converted to umhos to maintain consistency in reporting. HEN\_07 (500-253560-1), HEN\_08&D (500-253560-10), HEN\_17 (500-253560-24), HEN\_46 (500-253560-33), HEN\_47 (500-253560-34), HEN\_52 (500-253560-37), HEN\_54 (500-253560-38) and HEN\_54\_FD (500-253560-39)

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

Method SM 2320B: The method blank for analytical batch 500-779286 contained Alkalinity above the reporting limit (RL). Associated sample(s) were not re-analyzed because results were greater than 10X the value found in the method blank.

Method SM 2320B: The method blank for analytical batch 500-781135 contained Alkalinity and Bicarbonate Alkalinity as CaCO<sub>3</sub> above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method SM 2320B: The method blank for analytical batch 500-782341 contained Alkalinity above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 300.0: The method blank for analytical batch 500-779304 contained Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 300.0: The method blank for analytical batch 500-780474 contained Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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# Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_07

Lab Sample ID: 500-253560-1

| Analyte                         | Result | Qualifier | RL     | MDL     | Unit       | Dil Fac | D | Method         | Prep Type            |
|---------------------------------|--------|-----------|--------|---------|------------|---------|---|----------------|----------------------|
| Lithium                         | 0.013  | B         | 0.010  | 0.0040  | mg/L       | 1       |   | 200.7 Rev 4.4  | Total<br>Recoverable |
| Barium                          | 0.17   |           | 0.0025 | 0.00073 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Boron                           | 0.093  | B         | 0.050  | 0.013   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Calcium                         | 170    |           | 0.20   | 0.044   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Cobalt                          | 0.0023 |           | 0.0010 | 0.00040 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Magnesium                       | 63     |           | 0.20   | 0.049   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Potassium                       | 3.8    |           | 0.50   | 0.11    | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Sodium                          | 77     |           | 0.20   | 0.077   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Chloride                        | 170    | B         | 5.0    | 0.58    | mg/L       | 5       |   | 300.0          | Total/NA             |
| Sulfate                         | 63     |           | 5.0    | 1.0     | mg/L       | 5       |   | 300.0          | Total/NA             |
| Bicarbonate Alkalinity as CaCO3 | 400    |           | 5.0    | 3.7     | mg/L       | 1       |   | SM 2320B       | Total/NA             |
| Total Dissolved Solids          | 1100   |           | 10     | 4.3     | mg/L       | 1       |   | SM 2540C       | Total/NA             |
| Fluoride                        | 0.12   |           | 0.10   | 0.056   | mg/L       | 1       |   | SM 4500 F C    | Total/NA             |
| Depth to Water (ft from MP)     | 67.77  |           |        |         | ft         | 1       |   | Field Sampling | Total/NA             |
| Field pH                        | 6.65   |           |        |         | SU         | 1       |   | Field Sampling | Total/NA             |
| Field Temperature               | 16.4   |           |        |         | Degrees C  | 1       |   | Field Sampling | Total/NA             |
| Oxidation Reduction Potential   | 192.1  |           |        |         | millivolts | 1       |   | Field Sampling | Total/NA             |
| Oxygen, Dissolved               | 6.82   |           |        |         | mg/L       | 1       |   | Field Sampling | Total/NA             |
| Specific Conductance            | 1662   |           |        |         | umhos/cm   | 1       |   | Field Sampling | Total/NA             |
| Turbidity                       | 2.66   |           |        |         | NTU        | 1       |   | Field Sampling | Total/NA             |

Client Sample ID: HEN\_12

Lab Sample ID: 500-253560-2

| Analyte                         | Result | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method         | Prep Type            |
|---------------------------------|--------|-----------|--------|---------|------|---------|---|----------------|----------------------|
| Lithium                         | 0.0083 |           | 0.0050 | 0.0020  | mg/L | 1       |   | 200.7 Rev 4.4  | Total<br>Recoverable |
| Barium                          | 0.056  |           | 0.0025 | 0.00073 | mg/L | 1       |   | 6020B          | Total<br>Recoverable |
| Boron                           | 0.17   | B         | 0.050  | 0.013   | mg/L | 1       |   | 6020B          | Total<br>Recoverable |
| Calcium                         | 77     |           | 0.20   | 0.044   | mg/L | 1       |   | 6020B          | Total<br>Recoverable |
| Magnesium                       | 32     |           | 0.20   | 0.049   | mg/L | 1       |   | 6020B          | Total<br>Recoverable |
| Molybdenum                      | 0.015  |           | 0.0050 | 0.0025  | mg/L | 1       |   | 6020B          | Total<br>Recoverable |
| Potassium                       | 3.8    |           | 0.50   | 0.11    | mg/L | 1       |   | 6020B          | Total<br>Recoverable |
| Sodium                          | 38     |           | 0.20   | 0.077   | mg/L | 1       |   | 6020B          | Total<br>Recoverable |
| Chloride                        | 69     | B         | 5.0    | 0.58    | mg/L | 5       |   | 300.0          | Total/NA             |
| Sulfate                         | 60     |           | 5.0    | 1.0     | mg/L | 5       |   | 300.0          | Total/NA             |
| Bicarbonate Alkalinity as CaCO3 | 240    |           | 5.0    | 3.7     | mg/L | 1       |   | SM 2320B       | Total/NA             |
| Total Dissolved Solids          | 570    |           | 10     | 4.3     | mg/L | 1       |   | SM 2540C       | Total/NA             |
| Fluoride                        | 0.22   |           | 0.10   | 0.056   | mg/L | 1       |   | SM 4500 F C    | Total/NA             |
| Depth to Water (ft from MP)     | 51.4   |           |        |         | ft   | 1       |   | Field Sampling | Total/NA             |
| Field pH                        | 7.32   |           |        |         | SU   | 1       |   | Field Sampling | Total/NA             |

This Detection Summary does not include radiochemical test results.

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# Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
JEN 1245908  
SDG: HEN\_845\_803

## Client Sample ID: HEN\_12 (Continued)

## Lab Sample ID: 500-253560-2

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | Dil Fac | D | Method         | Prep Type |
|-------------------------------|--------|-----------|----|-----|------------|---------|---|----------------|-----------|
| Field Temperature             | 18.0   |           |    |     | Degrees C  | 1       |   | Field Sampling | Total/NA  |
| Oxidation Reduction Potential | 108.5  |           |    |     | millivolts | 1       |   | Field Sampling | Total/NA  |
| Oxygen, Dissolved             | 2.79   |           |    |     | mg/L       | 1       |   | Field Sampling | Total/NA  |
| Specific Conductance          | 678    |           |    |     | umhos/cm   | 1       |   | Field Sampling | Total/NA  |
| Turbidity                     | 4.08   |           |    |     | NTU        | 1       |   | Field Sampling | Total/NA  |

## Client Sample ID: HEN\_13

## Lab Sample ID: 500-253560-3

| Analyte                         | Result  | Qualifier | RL     | MDL     | Unit       | Dil Fac | D | Method         | Prep Type         |
|---------------------------------|---------|-----------|--------|---------|------------|---------|---|----------------|-------------------|
| Lithium                         | 0.011   |           | 0.0050 | 0.0020  | mg/L       | 1       |   | 200.7 Rev 4.4  | Total             |
| Arsenic                         | 0.00030 | J         | 0.0010 | 0.00023 | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Barium                          | 0.044   |           | 0.0025 | 0.00073 | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Boron                           | 0.17    | B         | 0.050  | 0.013   | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Calcium                         | 80      |           | 0.20   | 0.044   | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Magnesium                       | 33      |           | 0.20   | 0.049   | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Molybdenum                      | 0.0099  |           | 0.0050 | 0.0025  | mg/L       | 1       |   | 6020B          | Total Recoverable |
| Potassium                       | 4.0     |           | 0.50   | 0.11    | mg/L       | 1       |   | 6020B          | Total Recoverable |
| Sodium                          | 38      |           | 0.20   | 0.077   | mg/L       | 1       |   | 6020B          | Total Recoverable |
| Chloride                        | 69      | B         | 5.0    | 0.58    | mg/L       | 5       |   | 300.0          | Total/NA          |
| Sulfate                         | 61      |           | 5.0    | 1.0     | mg/L       | 5       |   | 300.0          | Total/NA          |
| Bicarbonate Alkalinity as CaCO3 | 240     |           | 5.0    | 3.7     | mg/L       | 1       |   | SM 2320B       | Total/NA          |
| Total Dissolved Solids          | 560     |           | 10     | 4.3     | mg/L       | 1       |   | SM 2540C       | Total/NA          |
| Fluoride                        | 0.20    |           | 0.10   | 0.056   | mg/L       | 1       |   | SM 4500 F C    | Total/NA          |
| Depth to Water (ft from MP)     | 51.36   |           |        |         | ft         | 1       |   | Field Sampling | Total/NA          |
| Field pH                        | 7.35    |           |        |         | SU         | 1       |   | Field Sampling | Total/NA          |
| Field Temperature               | 17.6    |           |        |         | Degrees C  | 1       |   | Field Sampling | Total/NA          |
| Oxidation Reduction Potential   | 139.1   |           |        |         | millivolts | 1       |   | Field Sampling | Total/NA          |
| Oxygen, Dissolved               | 2.37    |           |        |         | mg/L       | 1       |   | Field Sampling | Total/NA          |
| Specific Conductance            | 684     |           |        |         | umhos/cm   | 1       |   | Field Sampling | Total/NA          |
| Turbidity                       | 4.00    |           |        |         | NTU        | 1       |   | Field Sampling | Total/NA          |

## Client Sample ID: HEN\_08

## Lab Sample ID: 500-253560-9

| Analyte | Result  | Qualifier | RL      | MDL     | Unit | Dil Fac | D | Method        | Prep Type         |
|---------|---------|-----------|---------|---------|------|---------|---|---------------|-------------------|
| Lithium | 0.011   | B         | 0.0050  | 0.0020  | mg/L | 1       |   | 200.7 Rev 4.4 | Total Recoverable |
| Barium  | 0.10    |           | 0.0025  | 0.00073 | mg/L | 1       |   | 6020B         | Total Recoverable |
| Boron   | 0.099   | B         | 0.050   | 0.013   | mg/L | 1       |   | 6020B         | Total Recoverable |
| Cadmium | 0.00030 | J         | 0.00050 | 0.00017 | mg/L | 1       |   | 6020B         | Total Recoverable |
| Calcium | 180     |           | 0.20    | 0.044   | mg/L | 1       |   | 6020B         | Total Recoverable |
| Cobalt  | 0.0012  |           | 0.0010  | 0.00040 | mg/L | 1       |   | 6020B         | Total Recoverable |

This Detection Summary does not include radiochemical test results.

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# Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Client Sample ID: HEN\_08 (Continued)

## Lab Sample ID: 500-253560-9

| Analyte                         | Result  | Qualifier | RL      | MDL     | Unit       | Dil Fac | D | Method         | Prep Type            |
|---------------------------------|---------|-----------|---------|---------|------------|---------|---|----------------|----------------------|
| Lead                            | 0.00023 | J         | 0.00050 | 0.00019 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Magnesium                       | 50      |           | 0.20    | 0.049   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Potassium                       | 7.7     |           | 0.50    | 0.11    | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Sodium                          | 58      |           | 0.20    | 0.077   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Chloride                        | 150     | B         | 10      | 1.2     | mg/L       | 10      |   | 300.0          | Total/NA             |
| Sulfate                         | 110     |           | 10      | 2.1     | mg/L       | 10      |   | 300.0          | Total/NA             |
| Bicarbonate Alkalinity as CaCO3 | 480     | B         | 5.0     | 3.7     | mg/L       | 1       |   | SM 2320B       | Total/NA             |
| Total Dissolved Solids          | 870     |           | 10      | 4.3     | mg/L       | 1       |   | SM 2540C       | Total/NA             |
| Fluoride                        | 0.11    |           | 0.10    | 0.056   | mg/L       | 1       |   | SM 4500 F C    | Total/NA             |
| Depth to Water (ft from MP)     | 53.62   |           |         |         | ft         | 1       |   | Field Sampling | Total/NA             |
| Field pH                        | 6.65    |           |         |         | SU         | 1       |   | Field Sampling | Total/NA             |
| Field Temperature               | 18.1    |           |         |         | Degrees C  | 1       |   | Field Sampling | Total/NA             |
| Oxidation Reduction Potential   | 189.4   |           |         |         | millivolts | 1       |   | Field Sampling | Total/NA             |
| Oxygen, Dissolved               | 2.21    |           |         |         | mg/L       | 1       |   | Field Sampling | Total/NA             |
| Specific Conductance            | 1597    |           |         |         | umhos/cm   | 1       |   | Field Sampling | Total/NA             |
| Turbidity                       | 1.78    |           |         |         | NTU        | 1       |   | Field Sampling | Total/NA             |

## Client Sample ID: HEN\_08&D

## Lab Sample ID: 500-253560-10

| Analyte                         | Result  | Qualifier | RL      | MDL     | Unit       | Dil Fac | D | Method         | Prep Type            |
|---------------------------------|---------|-----------|---------|---------|------------|---------|---|----------------|----------------------|
| Lithium                         | 0.016   | B         | 0.0050  | 0.0020  | mg/L       | 1       |   | 200.7 Rev 4.4  | Total<br>Recoverable |
| Barium                          | 0.10    |           | 0.0025  | 0.00073 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Boron                           | 0.10    | B         | 0.050   | 0.013   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Cadmium                         | 0.00050 |           | 0.00050 | 0.00017 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Calcium                         | 190     |           | 0.20    | 0.044   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Cobalt                          | 0.0031  |           | 0.0010  | 0.00040 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Lead                            | 0.00036 | J         | 0.00050 | 0.00019 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Magnesium                       | 57      |           | 0.20    | 0.049   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Potassium                       | 4.0     |           | 0.50    | 0.11    | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Sodium                          | 160     |           | 0.20    | 0.077   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Chloride                        | 300     | B         | 10      | 1.2     | mg/L       | 10      |   | 300.0          | Total/NA             |
| Sulfate                         | 170     |           | 10      | 2.1     | mg/L       | 10      |   | 300.0          | Total/NA             |
| Bicarbonate Alkalinity as CaCO3 | 490     | B         | 5.0     | 3.7     | mg/L       | 1       |   | SM 2320B       | Total/NA             |
| Total Dissolved Solids          | 1300    |           | 10      | 4.3     | mg/L       | 1       |   | SM 2540C       | Total/NA             |
| Fluoride                        | 0.11    |           | 0.10    | 0.056   | mg/L       | 1       |   | SM 4500 F C    | Total/NA             |
| Depth to Water (ft from MP)     | 54.09   |           |         |         | ft         | 1       |   | Field Sampling | Total/NA             |
| Field pH                        | 6.69    |           |         |         | SU         | 1       |   | Field Sampling | Total/NA             |
| Field Temperature               | 15.4    |           |         |         | Degrees C  | 1       |   | Field Sampling | Total/NA             |
| Oxidation Reduction Potential   | 195.6   |           |         |         | millivolts | 1       |   | Field Sampling | Total/NA             |
| Oxygen, Dissolved               | 0.28    |           |         |         | mg/L       | 1       |   | Field Sampling | Total/NA             |
| Specific Conductance            | 1824    |           |         |         | umhos/cm   | 1       |   | Field Sampling | Total/NA             |

This Detection Summary does not include radiochemical test results.

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# Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
HEN-24-5008  
SDG: HEN\_845\_803

## Client Sample ID: HEN\_08&D (Continued)

## Lab Sample ID: 500-253560-10

| Analyte   | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method         | Prep Type |
|-----------|--------|-----------|----|-----|------|---------|---|----------------|-----------|
| Turbidity | 4.41   |           |    |     | NTU  | 1       |   | Field Sampling | Total/NA  |

## Client Sample ID: HEN\_16

## Lab Sample ID: 500-253560-12

| Analyte                         | Result | Qualifier | RL     | MDL     | Unit       | Dil Fac | D | Method         | Prep Type            |
|---------------------------------|--------|-----------|--------|---------|------------|---------|---|----------------|----------------------|
| Lithium                         | 0.0076 |           | 0.0050 | 0.0020  | mg/L       | 1       |   | 200.7 Rev 4.4  | Total<br>Recoverable |
| Barium                          | 0.063  |           | 0.0025 | 0.00073 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Boron                           | 0.18   | B         | 0.050  | 0.013   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Calcium                         | 73     |           | 0.20   | 0.044   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Magnesium                       | 27     |           | 0.20   | 0.049   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Molybdenum                      | 0.0098 |           | 0.0050 | 0.0025  | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Potassium                       | 4.5    |           | 0.50   | 0.11    | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Sodium                          | 43     |           | 0.20   | 0.077   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Chloride                        | 70     | B         | 5.0    | 0.58    | mg/L       | 5       |   | 300.0          | Total/NA             |
| Sulfate                         | 59     |           | 5.0    | 1.0     | mg/L       | 5       |   | 300.0          | Total/NA             |
| Bicarbonate Alkalinity as CaCO3 | 220    | B         | 5.0    | 3.7     | mg/L       | 1       |   | SM 2320B       | Total/NA             |
| Total Dissolved Solids          | 450    |           | 10     | 4.3     | mg/L       | 1       |   | SM 2540C       | Total/NA             |
| Fluoride                        | 0.27   |           | 0.10   | 0.056   | mg/L       | 1       |   | SM 4500 F C    | Total/NA             |
| Depth to Water (ft from MP)     | 54.22  |           |        |         | ft         | 1       |   | Field Sampling | Total/NA             |
| Field pH                        | 7.27   |           |        |         | SU         | 1       |   | Field Sampling | Total/NA             |
| Field Temperature               | 22.1   |           |        |         | Degrees C  | 1       |   | Field Sampling | Total/NA             |
| Oxidation Reduction Potential   | 192.9  |           |        |         | millivolts | 1       |   | Field Sampling | Total/NA             |
| Oxygen, Dissolved               | 0.48   |           |        |         | mg/L       | 1       |   | Field Sampling | Total/NA             |
| Specific Conductance            | 823    |           |        |         | umhos/cm   | 1       |   | Field Sampling | Total/NA             |
| Turbidity                       | 1.12   |           |        |         | NTU        | 1       |   | Field Sampling | Total/NA             |

## Client Sample ID: HEN\_16\_FD

## Lab Sample ID: 500-253560-13

| Analyte                         | Result | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method        | Prep Type            |
|---------------------------------|--------|-----------|--------|---------|------|---------|---|---------------|----------------------|
| Lithium                         | 0.0075 |           | 0.0050 | 0.0020  | mg/L | 1       |   | 200.7 Rev 4.4 | Total<br>Recoverable |
| Barium                          | 0.065  |           | 0.0025 | 0.00073 | mg/L | 1       |   | 6020B         | Total<br>Recoverable |
| Boron                           | 0.18   | B         | 0.050  | 0.013   | mg/L | 1       |   | 6020B         | Total<br>Recoverable |
| Calcium                         | 74     |           | 0.20   | 0.044   | mg/L | 1       |   | 6020B         | Total<br>Recoverable |
| Magnesium                       | 27     |           | 0.20   | 0.049   | mg/L | 1       |   | 6020B         | Total<br>Recoverable |
| Molybdenum                      | 0.0099 |           | 0.0050 | 0.0025  | mg/L | 1       |   | 6020B         | Total<br>Recoverable |
| Potassium                       | 4.6    |           | 0.50   | 0.11    | mg/L | 1       |   | 6020B         | Total<br>Recoverable |
| Sodium                          | 40     |           | 0.20   | 0.077   | mg/L | 1       |   | 6020B         | Total<br>Recoverable |
| Chloride                        | 70     | B         | 5.0    | 0.58    | mg/L | 5       |   | 300.0         | Total/NA             |
| Sulfate                         | 58     |           | 5.0    | 1.0     | mg/L | 5       |   | 300.0         | Total/NA             |
| Bicarbonate Alkalinity as CaCO3 | 220    | B         | 5.0    | 3.7     | mg/L | 1       |   | SM 2320B      | Total/NA             |

This Detection Summary does not include radiochemical test results.

Eurofins Chicago



# Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Client Sample ID: HEN\_16\_FD (Continued)

## Lab Sample ID: 500-253560-13

| Analyte                       | Result | Qualifier | RL   | MDL   | Unit       | Dil Fac | D | Method         | Prep Type |
|-------------------------------|--------|-----------|------|-------|------------|---------|---|----------------|-----------|
| Total Dissolved Solids        | 430    |           | 10   | 4.3   | mg/L       | 1       |   | SM 2540C       | Total/NA  |
| Fluoride                      | 0.27   |           | 0.10 | 0.056 | mg/L       | 1       |   | SM 4500 F C    | Total/NA  |
| Depth to Water (ft from MP)   | 54.22  |           |      |       | ft         | 1       |   | Field Sampling | Total/NA  |
| Field pH                      | 7.27   |           |      |       | SU         | 1       |   | Field Sampling | Total/NA  |
| Field Temperature             | 22.1   |           |      |       | Degrees C  | 1       |   | Field Sampling | Total/NA  |
| Oxidation Reduction Potential | 192.9  |           |      |       | millivolts | 1       |   | Field Sampling | Total/NA  |
| Oxygen, Dissolved             | 0.48   |           |      |       | mg/L       | 1       |   | Field Sampling | Total/NA  |
| Specific Conductance          | 823    |           |      |       | umhos/cm   | 1       |   | Field Sampling | Total/NA  |
| Turbidity                     | 1.12   |           |      |       | NTU        | 1       |   | Field Sampling | Total/NA  |

## Client Sample ID: HEN\_17

## Lab Sample ID: 500-253560-24

| Analyte                         | Result | Qualifier | RL     | MDL     | Unit       | Dil Fac | D | Method         | Prep Type            |
|---------------------------------|--------|-----------|--------|---------|------------|---------|---|----------------|----------------------|
| Lithium                         | 0.0062 |           | 0.0050 | 0.0020  | mg/L       | 1       |   | 200.7 Rev 4.4  | Total<br>Recoverable |
| Barium                          | 0.068  |           | 0.0025 | 0.00073 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Boron                           | 0.11   | B         | 0.050  | 0.013   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Calcium                         | 65     |           | 0.20   | 0.044   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Magnesium                       | 26     |           | 0.20   | 0.049   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Molybdenum                      | 0.0062 |           | 0.0050 | 0.0025  | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Potassium                       | 4.3    |           | 0.50   | 0.11    | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Sodium                          | 47     |           | 0.20   | 0.077   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Chloride                        | 68     | B         | 5.0    | 0.58    | mg/L       | 5       |   | 300.0          | Total/NA             |
| Sulfate                         | 55     |           | 5.0    | 1.0     | mg/L       | 5       |   | 300.0          | Total/NA             |
| Bicarbonate Alkalinity as CaCO3 | 200    | B         | 5.0    | 3.7     | mg/L       | 1       |   | SM 2320B       | Total/NA             |
| Total Dissolved Solids          | 400    |           | 10     | 4.3     | mg/L       | 1       |   | SM 2540C       | Total/NA             |
| Fluoride                        | 0.27   |           | 0.10   | 0.056   | mg/L       | 1       |   | SM 4500 F C    | Total/NA             |
| Depth to Water (ft from MP)     | 56.12  |           |        |         | ft         | 1       |   | Field Sampling | Total/NA             |
| Field pH                        | 7.24   |           |        |         | SU         | 1       |   | Field Sampling | Total/NA             |
| Field Temperature               | 23.0   |           |        |         | Degrees C  | 1       |   | Field Sampling | Total/NA             |
| Oxidation Reduction Potential   | 88.7   |           |        |         | millivolts | 1       |   | Field Sampling | Total/NA             |
| Oxygen, Dissolved               | 6.79   |           |        |         | mg/L       | 1       |   | Field Sampling | Total/NA             |
| Specific Conductance            | 789    |           |        |         | umhos/cm   | 1       |   | Field Sampling | Total/NA             |
| Turbidity                       | 1.43   |           |        |         | NTU        | 1       |   | Field Sampling | Total/NA             |

## Client Sample ID: HEN\_46

## Lab Sample ID: 500-253560-33

| Analyte   | Result | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method        | Prep Type            |
|-----------|--------|-----------|--------|---------|------|---------|---|---------------|----------------------|
| Lithium   | 0.0080 |           | 0.0050 | 0.0020  | mg/L | 1       |   | 200.7 Rev 4.4 | Total<br>Recoverable |
| Barium    | 0.063  |           | 0.0025 | 0.00073 | mg/L | 1       |   | 6020B         | Total<br>Recoverable |
| Boron     | 0.19   | B         | 0.050  | 0.013   | mg/L | 1       |   | 6020B         | Total<br>Recoverable |
| Calcium   | 77     |           | 0.20   | 0.044   | mg/L | 1       |   | 6020B         | Total<br>Recoverable |
| Magnesium | 30     |           | 0.20   | 0.049   | mg/L | 1       |   | 6020B         | Total<br>Recoverable |

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

# Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Client Sample ID: HEN\_46 (Continued)

## Lab Sample ID: 500-253560-33

| Analyte                         | Result | Qualifier | RL     | MDL    | Unit       | Dil Fac | D | Method         | Prep Type            |
|---------------------------------|--------|-----------|--------|--------|------------|---------|---|----------------|----------------------|
| Molybdenum                      | 0.017  |           | 0.0050 | 0.0025 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Potassium                       | 4.1    |           | 0.50   | 0.11   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Sodium                          | 46     |           | 0.20   | 0.077  | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Chloride                        | 67     | B         | 5.0    | 0.58   | mg/L       | 5       |   | 300.0          | Total/NA             |
| Sulfate                         | 58     |           | 5.0    | 1.0    | mg/L       | 5       |   | 300.0          | Total/NA             |
| Bicarbonate Alkalinity as CaCO3 | 240    | B         | 5.0    | 3.7    | mg/L       | 1       |   | SM 2320B       | Total/NA             |
| Total Dissolved Solids          | 410    |           | 10     | 4.3    | mg/L       | 1       |   | SM 2540C       | Total/NA             |
| Fluoride                        | 0.24   |           | 0.10   | 0.056  | mg/L       | 1       |   | SM 4500 F C    | Total/NA             |
| Depth to Water (ft from MP)     | 51.61  |           |        |        | ft         | 1       |   | Field Sampling | Total/NA             |
| Field pH                        | 7.24   |           |        |        | SU         | 1       |   | Field Sampling | Total/NA             |
| Field Temperature               | 19.5   |           |        |        | Degrees C  | 1       |   | Field Sampling | Total/NA             |
| Oxidation Reduction Potential   | 116.6  |           |        |        | millivolts | 1       |   | Field Sampling | Total/NA             |
| Oxygen, Dissolved               | 1.94   |           |        |        | mg/L       | 1       |   | Field Sampling | Total/NA             |
| Specific Conductance            | 857    |           |        |        | umhos/cm   | 1       |   | Field Sampling | Total/NA             |
| Turbidity                       | 1.51   |           |        |        | NTU        | 1       |   | Field Sampling | Total/NA             |

## Client Sample ID: HEN\_47

## Lab Sample ID: 500-253560-34

| Analyte                         | Result | Qualifier | RL     | MDL     | Unit       | Dil Fac | D | Method         | Prep Type            |
|---------------------------------|--------|-----------|--------|---------|------------|---------|---|----------------|----------------------|
| Lithium                         | 0.010  |           | 0.0050 | 0.0020  | mg/L       | 1       |   | 200.7 Rev 4.4  | Total<br>Recoverable |
| Barium                          | 0.072  |           | 0.0025 | 0.00073 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Boron                           | 0.36   | B         | 0.050  | 0.013   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Calcium                         | 85     |           | 0.20   | 0.044   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Magnesium                       | 30     |           | 0.20   | 0.049   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Molybdenum                      | 0.031  |           | 0.0050 | 0.0025  | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Potassium                       | 4.7    |           | 0.50   | 0.11    | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Selenium                        | 0.0012 | J         | 0.0025 | 0.00098 | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Sodium                          | 51     |           | 0.20   | 0.077   | mg/L       | 1       |   | 6020B          | Total<br>Recoverable |
| Chloride                        | 65     | B         | 5.0    | 0.58    | mg/L       | 5       |   | 300.0          | Total/NA             |
| Sulfate                         | 73     |           | 5.0    | 1.0     | mg/L       | 5       |   | 300.0          | Total/NA             |
| Bicarbonate Alkalinity as CaCO3 | 260    | B         | 5.0    | 3.7     | mg/L       | 1       |   | SM 2320B       | Total/NA             |
| Total Dissolved Solids          | 460    |           | 10     | 4.3     | mg/L       | 1       |   | SM 2540C       | Total/NA             |
| Fluoride                        | 0.31   |           | 0.10   | 0.056   | mg/L       | 1       |   | SM 4500 F C    | Total/NA             |
| Depth to Water (ft from MP)     | 55.90  |           |        |         | ft         | 1       |   | Field Sampling | Total/NA             |
| Field pH                        | 7.17   |           |        |         | SU         | 1       |   | Field Sampling | Total/NA             |
| Field Temperature               | 18.4   |           |        |         | Degrees C  | 1       |   | Field Sampling | Total/NA             |
| Oxidation Reduction Potential   | 143.5  |           |        |         | millivolts | 1       |   | Field Sampling | Total/NA             |
| Oxygen, Dissolved               | 2.77   |           |        |         | mg/L       | 1       |   | Field Sampling | Total/NA             |
| Specific Conductance            | 907    |           |        |         | umhos/cm   | 1       |   | Field Sampling | Total/NA             |
| Turbidity                       | 0.44   |           |        |         | NTU        | 1       |   | Field Sampling | Total/NA             |

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

# Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_52

Lab Sample ID: 500-253560-37

| Analyte                         | Result | Qualifier | RL     | MDL     | Unit       | Dil Fac | D | Method         | Prep Type   |
|---------------------------------|--------|-----------|--------|---------|------------|---------|---|----------------|-------------|
| Lithium                         | 0.010  |           | 0.0050 | 0.0020  | mg/L       | 1       |   | 200.7 Rev 4.4  | Total       |
| Barium                          | 0.081  |           | 0.0025 | 0.00073 | mg/L       | 1       |   | 6020B          | Recoverable |
| Boron                           | 0.28   | B         | 0.050  | 0.013   | mg/L       | 1       |   | 6020B          | Total       |
| Calcium                         | 89     |           | 0.20   | 0.044   | mg/L       | 1       |   | 6020B          | Recoverable |
| Magnesium                       | 30     |           | 0.20   | 0.049   | mg/L       | 1       |   | 6020B          | Total       |
| Molybdenum                      | 0.014  |           | 0.0050 | 0.0025  | mg/L       | 1       |   | 6020B          | Recoverable |
| Potassium                       | 5.2    |           | 0.50   | 0.11    | mg/L       | 1       |   | 6020B          | Total       |
| Sodium                          | 52     |           | 0.20   | 0.077   | mg/L       | 1       |   | 6020B          | Recoverable |
| Chloride                        | 70     | B         | 5.0    | 0.58    | mg/L       | 5       |   | 300.0          | Total/NA    |
| Sulfate                         | 60     |           | 5.0    | 1.0     | mg/L       | 5       |   | 300.0          | Total/NA    |
| Bicarbonate Alkalinity as CaCO3 | 290    | B         | 5.0    | 3.7     | mg/L       | 1       |   | SM 2320B       | Total/NA    |
| Total Dissolved Solids          | 450    |           | 10     | 4.3     | mg/L       | 1       |   | SM 2540C       | Total/NA    |
| Fluoride                        | 0.27   |           | 0.10   | 0.056   | mg/L       | 1       |   | SM 4500 F C    | Total/NA    |
| Depth to Water (ft from MP)     | 54.01  |           |        |         | ft         | 1       |   | Field Sampling | Total/NA    |
| Field pH                        | 7.04   |           |        |         | SU         | 1       |   | Field Sampling | Total/NA    |
| Field Temperature               | 20.0   |           |        |         | Degrees C  | 1       |   | Field Sampling | Total/NA    |
| Oxidation Reduction Potential   | 126.9  |           |        |         | millivolts | 1       |   | Field Sampling | Total/NA    |
| Oxygen, Dissolved               | 0.98   |           |        |         | mg/L       | 1       |   | Field Sampling | Total/NA    |
| Specific Conductance            | 932    |           |        |         | umhos/cm   | 1       |   | Field Sampling | Total/NA    |
| Turbidity                       | 1.20   |           |        |         | NTU        | 1       |   | Field Sampling | Total/NA    |

Client Sample ID: HEN\_54

Lab Sample ID: 500-253560-38

| Analyte                         | Result  | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method        | Prep Type   |
|---------------------------------|---------|-----------|--------|---------|------|---------|---|---------------|-------------|
| Lithium                         | 0.011   |           | 0.0050 | 0.0020  | mg/L | 1       |   | 200.7 Rev 4.4 | Total       |
| Arsenic                         | 0.00023 | J         | 0.0010 | 0.00023 | mg/L | 1       |   | 6020B         | Recoverable |
| Barium                          | 0.046   |           | 0.0025 | 0.00073 | mg/L | 1       |   | 6020B         | Total       |
| Boron                           | 0.29    | B         | 0.050  | 0.013   | mg/L | 1       |   | 6020B         | Recoverable |
| Calcium                         | 78      |           | 0.20   | 0.044   | mg/L | 1       |   | 6020B         | Total       |
| Magnesium                       | 31      |           | 0.20   | 0.049   | mg/L | 1       |   | 6020B         | Recoverable |
| Molybdenum                      | 0.025   |           | 0.0050 | 0.0025  | mg/L | 1       |   | 6020B         | Total       |
| Potassium                       | 4.3     |           | 0.50   | 0.11    | mg/L | 1       |   | 6020B         | Recoverable |
| Selenium                        | 0.0011  | J         | 0.0025 | 0.00098 | mg/L | 1       |   | 6020B         | Total       |
| Sodium                          | 48      |           | 0.20   | 0.077   | mg/L | 1       |   | 6020B         | Recoverable |
| Chloride                        | 69      | B         | 5.0    | 0.58    | mg/L | 5       |   | 300.0         | Total/NA    |
| Sulfate                         | 64      |           | 5.0    | 1.0     | mg/L | 5       |   | 300.0         | Total/NA    |
| Bicarbonate Alkalinity as CaCO3 | 240     | B         | 5.0    | 3.7     | mg/L | 1       |   | SM 2320B      | Total/NA    |
| Total Dissolved Solids          | 480     |           | 10     | 4.3     | mg/L | 1       |   | SM 2540C      | Total/NA    |

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

# Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Client Sample ID: HEN\_54 (Continued)

## Lab Sample ID: 500-253560-38

| Analyte                       | Result | Qualifier | RL   | MDL   | Unit       | Dil Fac | D | Method         | Prep Type |
|-------------------------------|--------|-----------|------|-------|------------|---------|---|----------------|-----------|
| Fluoride                      | 0.25   |           | 0.10 | 0.056 | mg/L       | 1       |   | SM 4500 F C    | Total/NA  |
| Depth to Water (ft from MP)   | 53.59  |           |      |       | ft         | 1       |   | Field Sampling | Total/NA  |
| Field pH                      | 7.29   |           |      |       | SU         | 1       |   | Field Sampling | Total/NA  |
| Field Temperature             | 19.0   |           |      |       | Degrees C  | 1       |   | Field Sampling | Total/NA  |
| Oxidation Reduction Potential | 124.9  |           |      |       | millivolts | 1       |   | Field Sampling | Total/NA  |
| Oxygen, Dissolved             | 3.07   |           |      |       | mg/L       | 1       |   | Field Sampling | Total/NA  |
| Specific Conductance          | 874    |           |      |       | umhos/cm   | 1       |   | Field Sampling | Total/NA  |
| Turbidity                     | 0.81   |           |      |       | NTU        | 1       |   | Field Sampling | Total/NA  |

## Client Sample ID: HEN\_54\_FD

## Lab Sample ID: 500-253560-39

| Analyte                         | Result  | Qualifier | RL     | MDL     | Unit       | Dil Fac | D | Method         | Prep Type         |
|---------------------------------|---------|-----------|--------|---------|------------|---------|---|----------------|-------------------|
| Lithium                         | 0.011   |           | 0.0050 | 0.0020  | mg/L       | 1       |   | 200.7 Rev 4.4  | Total             |
| Arsenic                         | 0.00023 | J         | 0.0010 | 0.00023 | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Barium                          | 0.047   |           | 0.0025 | 0.00073 | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Boron                           | 0.30    | B         | 0.050  | 0.013   | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Calcium                         | 78      |           | 0.20   | 0.044   | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Magnesium                       | 32      |           | 0.20   | 0.049   | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Molybdenum                      | 0.026   |           | 0.0050 | 0.0025  | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Potassium                       | 4.3     |           | 0.50   | 0.11    | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Sodium                          | 48      |           | 0.20   | 0.077   | mg/L       | 1       |   | 6020B          | Recoverable Total |
| Chloride                        | 69      | B         | 5.0    | 0.58    | mg/L       | 5       |   | 300.0          | Total/NA          |
| Sulfate                         | 65      |           | 5.0    | 1.0     | mg/L       | 5       |   | 300.0          | Total/NA          |
| Bicarbonate Alkalinity as CaCO3 | 240     | B         | 5.0    | 3.7     | mg/L       | 1       |   | SM 2320B       | Total/NA          |
| Total Dissolved Solids          | 430     |           | 10     | 4.3     | mg/L       | 1       |   | SM 2540C       | Total/NA          |
| Fluoride                        | 0.25    |           | 0.10   | 0.056   | mg/L       | 1       |   | SM 4500 F C    | Total/NA          |
| Depth to Water (ft from MP)     | 53.59   |           |        |         | ft         | 1       |   | Field Sampling | Total/NA          |
| Field pH                        | 7.29    |           |        |         | SU         | 1       |   | Field Sampling | Total/NA          |
| Field Temperature               | 19.0    |           |        |         | Degrees C  | 1       |   | Field Sampling | Total/NA          |
| Oxidation Reduction Potential   | 124.9   |           |        |         | millivolts | 1       |   | Field Sampling | Total/NA          |
| Oxygen, Dissolved               | 3.07    |           |        |         | mg/L       | 1       |   | Field Sampling | Total/NA          |
| Specific Conductance            | 874     |           |        |         | umhos/cm   | 1       |   | Field Sampling | Total/NA          |
| Turbidity                       | 0.81    |           |        |         | NTU        | 1       |   | Field Sampling | Total/NA          |

## Client Sample ID: HEN\_55

## Lab Sample ID: 500-253560-47

| Analyte                     | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method         | Prep Type |
|-----------------------------|--------|-----------|----|-----|------|---------|---|----------------|-----------|
| Depth to Water (ft from MP) | 50.91  |           |    |     | ft   | 1       |   | Field Sampling | Total/NA  |

## Client Sample ID: HEN\_XSG01

## Lab Sample ID: 500-253560-48

| Analyte                     | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method         | Prep Type |
|-----------------------------|--------|-----------|----|-----|------|---------|---|----------------|-----------|
| Depth to Water (ft from MP) | 10.14  |           |    |     | ft   | 1       |   | Field Sampling | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_YSG\_ILRIVER      Lab Sample ID: 500-253560-49

| Analyte                     | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method         | Prep Type |
|-----------------------------|--------|-----------|----|-----|------|---------|---|----------------|-----------|
| Depth to Water (ft from MP) | 5.25   |           |    |     | ft   | 1       |   | Field Sampling | Total/NA  |

This Detection Summary does not include radiochemical test results.



# Method Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-8  
SDG: HEN\_845\_803

| Method         | Method Description                                 | Protocol | Laboratory |
|----------------|----------------------------------------------------|----------|------------|
| 200.7 Rev 4.4  | Metals (ICP)                                       | EPA      | EET CHI    |
| 6020B          | Metals (ICP/MS)                                    | SW846    | EET CHI    |
| 7470A          | Mercury (CVAA)                                     | SW846    | EET CHI    |
| 300.0          | Anions, Ion Chromatography                         | EPA      | EET CHI    |
| SM 2320B       | Alkalinity                                         | SM       | EET CHI    |
| SM 2540C       | Solids, Total Dissolved (TDS)                      | SM       | EET CHI    |
| SM 4500 F C    | Fluoride                                           | SM       | EET CHI    |
| Field Sampling | Field Sampling                                     | EPA      | EET CHI    |
| 200.7          | Preparation, Total Recoverable Metals              | EPA      | EET CHI    |
| 3005A          | Preparation, Total Recoverable or Dissolved Metals | SW846    | EET CHI    |
| 7470A          | Preparation, Mercury                               | SW846    | EET CHI    |

## Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



# Sample Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 500-253560-1  | HEN_07           | Water  | 07/15/24 15:20 | 07/16/24 13:05 |
| 500-253560-2  | HEN_12           | Water  | 07/15/24 15:45 | 07/16/24 13:05 |
| 500-253560-3  | HEN_13           | Water  | 07/15/24 16:35 | 07/16/24 13:05 |
| 500-253560-9  | HEN_08           | Water  | 07/16/24 14:00 | 07/17/24 09:40 |
| 500-253560-10 | HEN_08&D         | Water  | 07/16/24 15:46 | 07/17/24 09:40 |
| 500-253560-12 | HEN_16           | Water  | 07/16/24 15:30 | 07/17/24 09:40 |
| 500-253560-13 | HEN_16_FD        | Water  | 07/16/24 15:40 | 07/17/24 09:40 |
| 500-253560-24 | HEN_17           | Water  | 08/06/24 09:10 | 08/07/24 09:05 |
| 500-253560-33 | HEN_46           | Water  | 08/06/24 09:55 | 08/07/24 09:05 |
| 500-253560-34 | HEN_47           | Water  | 08/06/24 11:20 | 08/07/24 09:05 |
| 500-253560-37 | HEN_52           | Water  | 08/06/24 12:05 | 08/07/24 09:05 |
| 500-253560-38 | HEN_54           | Water  | 08/06/24 10:40 | 08/07/24 09:05 |
| 500-253560-39 | HEN_54_FD        | Water  | 08/06/24 10:45 | 08/07/24 09:05 |
| 500-253560-47 | HEN_55           | Water  | 07/15/24 11:45 | 07/16/24 13:05 |
| 500-253560-48 | HEN_XSG01        | Water  | 07/15/24 11:20 | 07/16/24 13:05 |
| 500-253560-49 | HEN_YSG_ILRIVER  | Water  | 07/15/24 12:30 | 07/16/24 13:05 |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_07

Date Collected: 07/15/24 15:20

Date Received: 07/16/24 13:05

Lab Sample ID: 500-253560-1

Matrix: Water

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.013  | B         | 0.010 | 0.0040 | mg/L |   | 07/30/24 08:33 | 07/31/24 13:26 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Arsenic    | <0.0010  |           | 0.0010  | 0.00023 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Barium     | 0.17     |           | 0.0025  | 0.00073 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:32 | 1       |
| Boron      | 0.093    | B         | 0.050   | 0.013   | mg/L |   | 07/22/24 15:20 | 07/23/24 13:32 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Calcium    | 170      |           | 0.20    | 0.044   | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Cobalt     | 0.0023   |           | 0.0010  | 0.00040 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:32 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Magnesium  | 63       |           | 0.20    | 0.049   | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Molybdenum | <0.0050  |           | 0.0050  | 0.0025  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Potassium  | 3.8      |           | 0.50    | 0.11    | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Selenium   | <0.0025  |           | 0.0025  | 0.00098 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |
| Sodium     | 77       |           | 0.20    | 0.077   | mg/L |   | 07/22/24 15:20 | 07/23/24 13:32 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:33 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 07/29/24 11:55 | 07/30/24 08:38 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 170    | B         | 5.0  | 0.58  | mg/L |   |          | 07/31/24 21:24 | 5       |
| Sulfate (EPA 300.0)                        | 63     |           | 5.0  | 1.0   | mg/L |   |          | 07/31/24 21:24 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 400    |           | 5.0  | 3.7   | mg/L |   |          | 07/19/24 19:51 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 07/19/24 19:51 | 1       |
| Total Dissolved Solids (SM 2540C)          | 1100   |           | 10   | 4.3   | mg/L |   |          | 07/18/24 00:54 | 1       |
| Fluoride (SM 4500 F C)                     | 0.12   |           | 0.10 | 0.056 | mg/L |   |          | 08/08/24 14:33 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 67.77  |           |    |     | ft         |   |          | 07/15/24 15:20 | 1       |
| Field pH                      | 6.65   |           |    |     | SU         |   |          | 07/15/24 15:20 | 1       |
| Field Temperature             | 16.4   |           |    |     | Degrees C  |   |          | 07/15/24 15:20 | 1       |
| Oxidation Reduction Potential | 192.1  |           |    |     | millivolts |   |          | 07/15/24 15:20 | 1       |
| Oxygen, Dissolved             | 6.82   |           |    |     | mg/L       |   |          | 07/15/24 15:20 | 1       |
| Specific Conductance          | 1662   |           |    |     | umhos/cm   |   |          | 07/15/24 15:20 | 1       |
| Turbidity                     | 2.66   |           |    |     | NTU        |   |          | 07/15/24 15:20 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_12

Date Collected: 07/15/24 15:45

Date Received: 07/16/24 13:05

Lab Sample ID: 500-253560-2

Matrix: Water

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.0083 |           | 0.0050 | 0.0020 | mg/L |   | 07/26/24 15:25 | 07/31/24 13:06 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Arsenic    | <0.0010  |           | 0.0010  | 0.00023 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Barium     | 0.056    |           | 0.0025  | 0.00073 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:47 | 1       |
| Boron      | 0.17     | B         | 0.050   | 0.013   | mg/L |   | 07/22/24 15:20 | 07/23/24 13:47 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Calcium    | 77       |           | 0.20    | 0.044   | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Cobalt     | <0.0010  |           | 0.0010  | 0.00040 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:47 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Magnesium  | 32       |           | 0.20    | 0.049   | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Molybdenum | 0.015    |           | 0.0050  | 0.0025  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Potassium  | 3.8      |           | 0.50    | 0.11    | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Selenium   | <0.0025  |           | 0.0025  | 0.00098 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |
| Sodium     | 38       |           | 0.20    | 0.077   | mg/L |   | 07/22/24 15:20 | 07/23/24 13:47 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:49 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 07/29/24 11:55 | 07/30/24 08:40 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 69     | B         | 5.0  | 0.58  | mg/L |   |          | 07/31/24 21:55 | 5       |
| Sulfate (EPA 300.0)                        | 60     |           | 5.0  | 1.0   | mg/L |   |          | 07/31/24 21:55 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 240    |           | 5.0  | 3.7   | mg/L |   |          | 07/19/24 20:01 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 07/19/24 20:01 | 1       |
| Total Dissolved Solids (SM 2540C)          | 570    |           | 10   | 4.3   | mg/L |   |          | 07/18/24 00:57 | 1       |
| Fluoride (SM 4500 F C)                     | 0.22   |           | 0.10 | 0.056 | mg/L |   |          | 07/23/24 13:39 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 51.4   |           |    |     | ft         |   |          | 07/15/24 15:45 | 1       |
| Field pH                      | 7.32   |           |    |     | SU         |   |          | 07/15/24 15:45 | 1       |
| Field Temperature             | 18.0   |           |    |     | Degrees C  |   |          | 07/15/24 15:45 | 1       |
| Oxidation Reduction Potential | 108.5  |           |    |     | millivolts |   |          | 07/15/24 15:45 | 1       |
| Oxygen, Dissolved             | 2.79   |           |    |     | mg/L       |   |          | 07/15/24 15:45 | 1       |
| Specific Conductance          | 678    |           |    |     | umhos/cm   |   |          | 07/15/24 15:45 | 1       |
| Turbidity                     | 4.08   |           |    |     | NTU        |   |          | 07/15/24 15:45 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_13

Date Collected: 07/15/24 16:35

Date Received: 07/16/24 13:05

Lab Sample ID: 500-253560-3

Matrix: Water

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.011  |           | 0.0050 | 0.0020 | mg/L |   | 07/26/24 15:25 | 07/31/24 13:37 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Arsenic    | 0.00030  | J         | 0.0010  | 0.00023 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Barium     | 0.044    |           | 0.0025  | 0.00073 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:50 | 1       |
| Boron      | 0.17     | B         | 0.050   | 0.013   | mg/L |   | 07/22/24 15:20 | 07/23/24 13:50 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Calcium    | 80       |           | 0.20    | 0.044   | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Cobalt     | <0.0010  |           | 0.0010  | 0.00040 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:50 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Magnesium  | 33       |           | 0.20    | 0.049   | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Molybdenum | 0.0099   |           | 0.0050  | 0.0025  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Potassium  | 4.0      |           | 0.50    | 0.11    | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Selenium   | <0.0025  |           | 0.0025  | 0.00098 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |
| Sodium     | 38       |           | 0.20    | 0.077   | mg/L |   | 07/22/24 15:20 | 07/23/24 13:50 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:51 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 07/29/24 11:55 | 07/30/24 08:42 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 69     | B         | 5.0  | 0.58  | mg/L |   |          | 07/31/24 22:58 | 5       |
| Sulfate (EPA 300.0)                        | 61     |           | 5.0  | 1.0   | mg/L |   |          | 07/31/24 22:58 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 240    |           | 5.0  | 3.7   | mg/L |   |          | 07/19/24 20:14 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 07/19/24 20:14 | 1       |
| Total Dissolved Solids (SM 2540C)          | 560    |           | 10   | 4.3   | mg/L |   |          | 07/18/24 00:59 | 1       |
| Fluoride (SM 4500 F C)                     | 0.20   |           | 0.10 | 0.056 | mg/L |   |          | 07/23/24 13:44 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 51.36  |           |    |     | ft         |   |          | 07/15/24 16:35 | 1       |
| Field pH                      | 7.35   |           |    |     | SU         |   |          | 07/15/24 16:35 | 1       |
| Field Temperature             | 17.6   |           |    |     | Degrees C  |   |          | 07/15/24 16:35 | 1       |
| Oxidation Reduction Potential | 139.1  |           |    |     | millivolts |   |          | 07/15/24 16:35 | 1       |
| Oxygen, Dissolved             | 2.37   |           |    |     | mg/L       |   |          | 07/15/24 16:35 | 1       |
| Specific Conductance          | 684    |           |    |     | umhos/cm   |   |          | 07/15/24 16:35 | 1       |
| Turbidity                     | 4.00   |           |    |     | NTU        |   |          | 07/15/24 16:35 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_08

Lab Sample ID: 500-253560-9

Date Collected: 07/16/24 14:00

Matrix: Water

Date Received: 07/17/24 09:40

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.011  | B         | 0.0050 | 0.0020 | mg/L |   | 07/30/24 08:33 | 07/31/24 13:39 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result  | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|---------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030 |           | 0.0030  | 0.0013  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Arsenic    | <0.0010 |           | 0.0010  | 0.00023 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Barium     | 0.10    |           | 0.0025  | 0.00073 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Beryllium  | <0.0010 |           | 0.0010  | 0.00053 | mg/L |   | 07/22/24 15:20 | 07/23/24 14:06 | 1       |
| Boron      | 0.099   | B         | 0.050   | 0.013   | mg/L |   | 07/22/24 15:20 | 07/25/24 11:01 | 1       |
| Cadmium    | 0.00030 | J         | 0.00050 | 0.00017 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Calcium    | 180     |           | 0.20    | 0.044   | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Chromium   | <0.0050 |           | 0.0050  | 0.0011  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Cobalt     | 0.0012  |           | 0.0010  | 0.00040 | mg/L |   | 07/22/24 15:20 | 07/23/24 14:06 | 1       |
| Lead       | 0.00023 | J         | 0.00050 | 0.00019 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Magnesium  | 50      |           | 0.20    | 0.049   | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Molybdenum | <0.0050 |           | 0.0050  | 0.0025  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Potassium  | 7.7     |           | 0.50    | 0.11    | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Selenium   | <0.0025 |           | 0.0025  | 0.00098 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |
| Sodium     | 58      |           | 0.20    | 0.077   | mg/L |   | 07/22/24 15:20 | 07/23/24 14:06 | 1       |
| Thallium   | <0.0020 |           | 0.0020  | 0.00057 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:02 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 07/30/24 11:35 | 07/31/24 08:03 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 150    | B         | 10   | 1.2   | mg/L |   |          | 08/01/24 03:55 | 10      |
| Sulfate (EPA 300.0)                        | 110    |           | 10   | 2.1   | mg/L |   |          | 08/01/24 03:55 | 10      |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 480    | B         | 5.0  | 3.7   | mg/L |   |          | 07/30/24 18:16 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 07/30/24 18:16 | 1       |
| Total Dissolved Solids (SM 2540C)          | 870    |           | 10   | 4.3   | mg/L |   |          | 07/22/24 21:06 | 1       |
| Fluoride (SM 4500 F C)                     | 0.11   |           | 0.10 | 0.056 | mg/L |   |          | 07/23/24 14:30 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 53.62  |           |    |     | ft         |   |          | 07/16/24 14:00 | 1       |
| Field pH                      | 6.65   |           |    |     | SU         |   |          | 07/16/24 14:00 | 1       |
| Field Temperature             | 18.1   |           |    |     | Degrees C  |   |          | 07/16/24 14:00 | 1       |
| Oxidation Reduction Potential | 189.4  |           |    |     | millivolts |   |          | 07/16/24 14:00 | 1       |
| Oxygen, Dissolved             | 2.21   |           |    |     | mg/L       |   |          | 07/16/24 14:00 | 1       |
| Specific Conductance          | 1597   |           |    |     | umhos/cm   |   |          | 07/16/24 14:00 | 1       |
| Turbidity                     | 1.78   |           |    |     | NTU        |   |          | 07/16/24 14:00 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_08&D

Lab Sample ID: 500-253560-10

Date Collected: 07/16/24 15:46

Matrix: Water

Date Received: 07/17/24 09:40

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.016  | B         | 0.0050 | 0.0020 | mg/L |   | 07/30/24 08:33 | 07/31/24 13:43 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result  | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|---------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030 |           | 0.0030  | 0.0013  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Arsenic    | <0.0010 |           | 0.0010  | 0.00023 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Barium     | 0.10    |           | 0.0025  | 0.00073 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Beryllium  | <0.0010 |           | 0.0010  | 0.00053 | mg/L |   | 07/22/24 15:20 | 07/23/24 14:08 | 1       |
| Boron      | 0.10    | B         | 0.050   | 0.013   | mg/L |   | 07/22/24 15:20 | 07/25/24 11:03 | 1       |
| Cadmium    | 0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Calcium    | 190     |           | 0.20    | 0.044   | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Chromium   | <0.0050 |           | 0.0050  | 0.0011  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Cobalt     | 0.0031  |           | 0.0010  | 0.00040 | mg/L |   | 07/22/24 15:20 | 07/23/24 14:08 | 1       |
| Lead       | 0.00036 | J         | 0.00050 | 0.00019 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Magnesium  | 57      |           | 0.20    | 0.049   | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Molybdenum | <0.0050 |           | 0.0050  | 0.0025  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Potassium  | 4.0     |           | 0.50    | 0.11    | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Selenium   | <0.0025 |           | 0.0025  | 0.00098 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |
| Sodium     | 160     |           | 0.20    | 0.077   | mg/L |   | 07/22/24 15:20 | 07/23/24 14:08 | 1       |
| Thallium   | <0.0020 |           | 0.0020  | 0.00057 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:05 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 07/30/24 11:35 | 07/31/24 08:05 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 300    | B         | 10   | 1.2   | mg/L |   |          | 08/01/24 04:26 | 10      |
| Sulfate (EPA 300.0)                        | 170    |           | 10   | 2.1   | mg/L |   |          | 08/01/24 04:26 | 10      |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 490    | B         | 5.0  | 3.7   | mg/L |   |          | 07/30/24 18:26 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 07/30/24 18:26 | 1       |
| Total Dissolved Solids (SM 2540C)          | 1300   |           | 10   | 4.3   | mg/L |   |          | 07/22/24 21:08 | 1       |
| Fluoride (SM 4500 F C)                     | 0.11   |           | 0.10 | 0.056 | mg/L |   |          | 07/23/24 14:34 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 54.09  |           |    |     | ft         |   |          | 07/16/24 15:46 | 1       |
| Field pH                      | 6.69   |           |    |     | SU         |   |          | 07/16/24 15:46 | 1       |
| Field Temperature             | 15.4   |           |    |     | Degrees C  |   |          | 07/16/24 15:46 | 1       |
| Oxidation Reduction Potential | 195.6  |           |    |     | millivolts |   |          | 07/16/24 15:46 | 1       |
| Oxygen, Dissolved             | 0.28   |           |    |     | mg/L       |   |          | 07/16/24 15:46 | 1       |
| Specific Conductance          | 1824   |           |    |     | umhos/cm   |   |          | 07/16/24 15:46 | 1       |
| Turbidity                     | 4.41   |           |    |     | NTU        |   |          | 07/16/24 15:46 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_16

Lab Sample ID: 500-253560-12

Date Collected: 07/16/24 15:30

Matrix: Water

Date Received: 07/17/24 09:40

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.0076 |           | 0.0050 | 0.0020 | mg/L |   | 07/26/24 15:25 | 07/31/24 14:26 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Arsenic    | <0.0010  |           | 0.0010  | 0.00023 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Barium     | 0.063    |           | 0.0025  | 0.00073 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 07/22/24 15:20 | 07/23/24 14:10 | 1       |
| Boron      | 0.18     | B         | 0.050   | 0.013   | mg/L |   | 07/22/24 15:20 | 07/25/24 11:05 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Calcium    | 73       |           | 0.20    | 0.044   | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Cobalt     | <0.0010  |           | 0.0010  | 0.00040 | mg/L |   | 07/22/24 15:20 | 07/23/24 14:10 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Magnesium  | 27       |           | 0.20    | 0.049   | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Molybdenum | 0.0098   |           | 0.0050  | 0.0025  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Potassium  | 4.5      |           | 0.50    | 0.11    | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Selenium   | <0.0025  |           | 0.0025  | 0.00098 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |
| Sodium     | 43       |           | 0.20    | 0.077   | mg/L |   | 07/22/24 15:20 | 07/23/24 14:10 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:11 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 07/30/24 11:35 | 07/31/24 08:07 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 70     | B         | 5.0  | 0.58  | mg/L |   |          | 08/01/24 05:44 | 5       |
| Sulfate (EPA 300.0)                        | 59     |           | 5.0  | 1.0   | mg/L |   |          | 08/01/24 05:44 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 220    | B         | 5.0  | 3.7   | mg/L |   |          | 07/30/24 18:46 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 07/30/24 18:46 | 1       |
| Total Dissolved Solids (SM 2540C)          | 450    |           | 10   | 4.3   | mg/L |   |          | 07/22/24 21:14 | 1       |
| Fluoride (SM 4500 F C)                     | 0.27   |           | 0.10 | 0.056 | mg/L |   |          | 07/23/24 14:44 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 54.22  |           |    |     | ft         |   |          | 07/16/24 15:30 | 1       |
| Field pH                      | 7.27   |           |    |     | SU         |   |          | 07/16/24 15:30 | 1       |
| Field Temperature             | 22.1   |           |    |     | Degrees C  |   |          | 07/16/24 15:30 | 1       |
| Oxidation Reduction Potential | 192.9  |           |    |     | millivolts |   |          | 07/16/24 15:30 | 1       |
| Oxygen, Dissolved             | 0.48   |           |    |     | mg/L       |   |          | 07/16/24 15:30 | 1       |
| Specific Conductance          | 823    |           |    |     | umhos/cm   |   |          | 07/16/24 15:30 | 1       |
| Turbidity                     | 1.12   |           |    |     | NTU        |   |          | 07/16/24 15:30 | 1       |



# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_16\_FD

Lab Sample ID: 500-253560-13

Date Collected: 07/16/24 15:40

Matrix: Water

Date Received: 07/17/24 09:40

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.0075 |           | 0.0050 | 0.0020 | mg/L |   | 07/26/24 15:25 | 07/31/24 14:30 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Arsenic    | <0.0010  |           | 0.0010  | 0.00023 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Barium     | 0.065    |           | 0.0025  | 0.00073 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 07/22/24 15:20 | 07/23/24 14:12 | 1       |
| Boron      | 0.18     | B         | 0.050   | 0.013   | mg/L |   | 07/22/24 15:20 | 07/25/24 11:07 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Calcium    | 74       |           | 0.20    | 0.044   | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Cobalt     | <0.0010  |           | 0.0010  | 0.00040 | mg/L |   | 07/22/24 15:20 | 07/23/24 14:12 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Magnesium  | 27       |           | 0.20    | 0.049   | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Molybdenum | 0.0099   |           | 0.0050  | 0.0025  | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Potassium  | 4.6      |           | 0.50    | 0.11    | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Selenium   | <0.0025  |           | 0.0025  | 0.00098 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |
| Sodium     | 40       |           | 0.20    | 0.077   | mg/L |   | 07/22/24 15:20 | 07/23/24 14:12 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 07/22/24 15:20 | 07/24/24 15:14 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 07/30/24 11:35 | 07/31/24 08:09 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 70     | B         | 5.0  | 0.58  | mg/L |   |          | 08/01/24 06:00 | 5       |
| Sulfate (EPA 300.0)                        | 58     |           | 5.0  | 1.0   | mg/L |   |          | 08/01/24 06:00 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 220    | B         | 5.0  | 3.7   | mg/L |   |          | 07/30/24 19:13 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 07/30/24 19:13 | 1       |
| Total Dissolved Solids (SM 2540C)          | 430    |           | 10   | 4.3   | mg/L |   |          | 07/22/24 21:16 | 1       |
| Fluoride (SM 4500 F C)                     | 0.27   |           | 0.10 | 0.056 | mg/L |   |          | 07/23/24 14:59 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 54.22  |           |    |     | ft         |   |          | 07/16/24 15:40 | 1       |
| Field pH                      | 7.27   |           |    |     | SU         |   |          | 07/16/24 15:40 | 1       |
| Field Temperature             | 22.1   |           |    |     | Degrees C  |   |          | 07/16/24 15:40 | 1       |
| Oxidation Reduction Potential | 192.9  |           |    |     | millivolts |   |          | 07/16/24 15:40 | 1       |
| Oxygen, Dissolved             | 0.48   |           |    |     | mg/L       |   |          | 07/16/24 15:40 | 1       |
| Specific Conductance          | 823    |           |    |     | umhos/cm   |   |          | 07/16/24 15:40 | 1       |
| Turbidity                     | 1.12   |           |    |     | NTU        |   |          | 07/16/24 15:40 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_17

Lab Sample ID: 500-253560-24

Date Collected: 08/06/24 09:10

Matrix: Water

Date Received: 08/07/24 09:05

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.0062 |           | 0.0050 | 0.0020 | mg/L |   | 08/08/24 09:15 | 08/12/24 15:36 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Arsenic    | <0.0010  |           | 0.0010  | 0.00023 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Barium     | 0.068    |           | 0.0025  | 0.00073 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Boron      | 0.11     | B         | 0.050   | 0.013   | mg/L |   | 08/08/24 09:16 | 08/12/24 14:21 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Calcium    | 65       |           | 0.20    | 0.044   | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Cobalt     | <0.0010  |           | 0.0010  | 0.00040 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Magnesium  | 26       |           | 0.20    | 0.049   | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Molybdenum | 0.0062   |           | 0.0050  | 0.0025  | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Potassium  | 4.3      |           | 0.50    | 0.11    | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Selenium   | <0.0025  |           | 0.0025  | 0.00098 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Sodium     | 47       |           | 0.20    | 0.077   | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:13 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 08/08/24 12:00 | 08/09/24 06:37 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 68     | B         | 5.0  | 0.58  | mg/L |   |          | 08/08/24 14:15 | 5       |
| Sulfate (EPA 300.0)                        | 55     |           | 5.0  | 1.0   | mg/L |   |          | 08/08/24 14:15 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 200    | B         | 5.0  | 3.7   | mg/L |   |          | 08/12/24 17:52 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 08/12/24 17:52 | 1       |
| Total Dissolved Solids (SM 2540C)          | 400    |           | 10   | 4.3   | mg/L |   |          | 08/07/24 23:03 | 1       |
| Fluoride (SM 4500 F C)                     | 0.27   |           | 0.10 | 0.056 | mg/L |   |          | 08/15/24 14:15 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 56.12  |           |    |     | ft         |   |          | 08/06/24 09:10 | 1       |
| Field pH                      | 7.24   |           |    |     | SU         |   |          | 08/06/24 09:10 | 1       |
| Field Temperature             | 23.0   |           |    |     | Degrees C  |   |          | 08/06/24 09:10 | 1       |
| Oxidation Reduction Potential | 88.7   |           |    |     | millivolts |   |          | 08/06/24 09:10 | 1       |
| Oxygen, Dissolved             | 6.79   |           |    |     | mg/L       |   |          | 08/06/24 09:10 | 1       |
| Specific Conductance          | 789    |           |    |     | umhos/cm   |   |          | 08/06/24 09:10 | 1       |
| Turbidity                     | 1.43   |           |    |     | NTU        |   |          | 08/06/24 09:10 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_46

Lab Sample ID: 500-253560-33

Date Collected: 08/06/24 09:55

Matrix: Water

Date Received: 08/07/24 09:05

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.0080 |           | 0.0050 | 0.0020 | mg/L |   | 08/08/24 09:15 | 08/12/24 16:37 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Arsenic    | <0.0010  |           | 0.0010  | 0.00023 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Barium     | 0.063    |           | 0.0025  | 0.00073 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Boron      | 0.19     | B         | 0.050   | 0.013   | mg/L |   | 08/08/24 09:16 | 08/12/24 14:59 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Calcium    | 77       |           | 0.20    | 0.044   | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Cobalt     | <0.0010  |           | 0.0010  | 0.00040 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Magnesium  | 30       |           | 0.20    | 0.049   | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Molybdenum | 0.017    |           | 0.0050  | 0.0025  | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Potassium  | 4.1      |           | 0.50    | 0.11    | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Selenium   | <0.0025  |           | 0.0025  | 0.00098 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Sodium     | 46       |           | 0.20    | 0.077   | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:57 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 08/08/24 12:00 | 08/09/24 07:07 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 67     | B         | 5.0  | 0.58  | mg/L |   |          | 08/08/24 18:10 | 5       |
| Sulfate (EPA 300.0)                        | 58     |           | 5.0  | 1.0   | mg/L |   |          | 08/08/24 18:10 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 240    | B         | 5.0  | 3.7   | mg/L |   |          | 08/19/24 16:34 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 08/19/24 16:34 | 1       |
| Total Dissolved Solids (SM 2540C)          | 410    |           | 10   | 4.3   | mg/L |   |          | 08/08/24 00:59 | 1       |
| Fluoride (SM 4500 F C)                     | 0.24   |           | 0.10 | 0.056 | mg/L |   |          | 08/15/24 15:38 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 51.61  |           |    |     | ft         |   |          | 08/06/24 09:55 | 1       |
| Field pH                      | 7.24   |           |    |     | SU         |   |          | 08/06/24 09:55 | 1       |
| Field Temperature             | 19.5   |           |    |     | Degrees C  |   |          | 08/06/24 09:55 | 1       |
| Oxidation Reduction Potential | 116.6  |           |    |     | millivolts |   |          | 08/06/24 09:55 | 1       |
| Oxygen, Dissolved             | 1.94   |           |    |     | mg/L       |   |          | 08/06/24 09:55 | 1       |
| Specific Conductance          | 857    |           |    |     | umhos/cm   |   |          | 08/06/24 09:55 | 1       |
| Turbidity                     | 1.51   |           |    |     | NTU        |   |          | 08/06/24 09:55 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_47

Lab Sample ID: 500-253560-34

Date Collected: 08/06/24 11:20

Matrix: Water

Date Received: 08/07/24 09:05

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.010  |           | 0.0050 | 0.0020 | mg/L |   | 08/08/24 09:15 | 08/12/24 16:41 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Arsenic    | <0.0010  |           | 0.0010  | 0.00023 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Barium     | 0.072    |           | 0.0025  | 0.00073 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Boron      | 0.36     | B         | 0.050   | 0.013   | mg/L |   | 08/08/24 09:16 | 08/12/24 15:01 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Calcium    | 85       |           | 0.20    | 0.044   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Cobalt     | <0.0010  |           | 0.0010  | 0.00040 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Magnesium  | 30       |           | 0.20    | 0.049   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Molybdenum | 0.031    |           | 0.0050  | 0.0025  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Potassium  | 4.7      |           | 0.50    | 0.11    | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Selenium   | 0.0012   | J         | 0.0025  | 0.00098 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Sodium     | 51       |           | 0.20    | 0.077   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:00 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 08/08/24 12:00 | 08/09/24 07:09 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 65     | B         | 5.0  | 0.58  | mg/L |   |          | 08/08/24 18:25 | 5       |
| Sulfate (EPA 300.0)                        | 73     |           | 5.0  | 1.0   | mg/L |   |          | 08/08/24 18:25 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 260    | B         | 5.0  | 3.7   | mg/L |   |          | 08/19/24 16:43 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 08/19/24 16:43 | 1       |
| Total Dissolved Solids (SM 2540C)          | 460    |           | 10   | 4.3   | mg/L |   |          | 08/08/24 01:01 | 1       |
| Fluoride (SM 4500 F C)                     | 0.31   |           | 0.10 | 0.056 | mg/L |   |          | 08/15/24 15:42 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 55.90  |           |    |     | ft         |   |          | 08/06/24 11:20 | 1       |
| Field pH                      | 7.17   |           |    |     | SU         |   |          | 08/06/24 11:20 | 1       |
| Field Temperature             | 18.4   |           |    |     | Degrees C  |   |          | 08/06/24 11:20 | 1       |
| Oxidation Reduction Potential | 143.5  |           |    |     | millivolts |   |          | 08/06/24 11:20 | 1       |
| Oxygen, Dissolved             | 2.77   |           |    |     | mg/L       |   |          | 08/06/24 11:20 | 1       |
| Specific Conductance          | 907    |           |    |     | umhos/cm   |   |          | 08/06/24 11:20 | 1       |
| Turbidity                     | 0.44   |           |    |     | NTU        |   |          | 08/06/24 11:20 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_52

Lab Sample ID: 500-253560-37

Date Collected: 08/06/24 12:05

Matrix: Water

Date Received: 08/07/24 09:05

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.010  |           | 0.0050 | 0.0020 | mg/L |   | 08/08/24 09:15 | 08/12/24 17:16 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Arsenic    | <0.0010  |           | 0.0010  | 0.00023 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Barium     | 0.081    |           | 0.0025  | 0.00073 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Boron      | 0.28     | B         | 0.050   | 0.013   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Calcium    | 89       |           | 0.20    | 0.044   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Cobalt     | <0.0010  |           | 0.0010  | 0.00040 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Magnesium  | 30       |           | 0.20    | 0.049   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Molybdenum | 0.014    |           | 0.0050  | 0.0025  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Potassium  | 5.2      |           | 0.50    | 0.11    | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Selenium   | <0.0025  |           | 0.0025  | 0.00098 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Sodium     | 52       |           | 0.20    | 0.077   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:21 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 08/08/24 12:00 | 08/09/24 07:26 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 70     | B         | 5.0  | 0.58  | mg/L |   |          | 08/08/24 20:15 | 5       |
| Sulfate (EPA 300.0)                        | 60     |           | 5.0  | 1.0   | mg/L |   |          | 08/08/24 20:15 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 290    | B         | 5.0  | 3.7   | mg/L |   |          | 08/19/24 16:53 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 08/19/24 16:53 | 1       |
| Total Dissolved Solids (SM 2540C)          | 450    |           | 10   | 4.3   | mg/L |   |          | 08/08/24 01:17 | 1       |
| Fluoride (SM 4500 F C)                     | 0.27   |           | 0.10 | 0.056 | mg/L |   |          | 08/15/24 15:52 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 54.01  |           |    |     | ft         |   |          | 08/06/24 12:05 | 1       |
| Field pH                      | 7.04   |           |    |     | SU         |   |          | 08/06/24 12:05 | 1       |
| Field Temperature             | 20.0   |           |    |     | Degrees C  |   |          | 08/06/24 12:05 | 1       |
| Oxidation Reduction Potential | 126.9  |           |    |     | millivolts |   |          | 08/06/24 12:05 | 1       |
| Oxygen, Dissolved             | 0.98   |           |    |     | mg/L       |   |          | 08/06/24 12:05 | 1       |
| Specific Conductance          | 932    |           |    |     | umhos/cm   |   |          | 08/06/24 12:05 | 1       |
| Turbidity                     | 1.20   |           |    |     | NTU        |   |          | 08/06/24 12:05 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_54

Lab Sample ID: 500-253560-38

Date Collected: 08/06/24 10:40

Matrix: Water

Date Received: 08/07/24 09:05

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.011  |           | 0.0050 | 0.0020 | mg/L |   | 08/08/24 09:15 | 08/12/24 17:20 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Arsenic    | 0.00023  | J         | 0.0010  | 0.00023 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Barium     | 0.046    |           | 0.0025  | 0.00073 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Boron      | 0.29     | B         | 0.050   | 0.013   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Calcium    | 78       |           | 0.20    | 0.044   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Cobalt     | <0.0010  |           | 0.0010  | 0.00040 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Magnesium  | 31       |           | 0.20    | 0.049   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Molybdenum | 0.025    |           | 0.0050  | 0.0025  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Potassium  | 4.3      |           | 0.50    | 0.11    | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Selenium   | 0.0011   | J         | 0.0025  | 0.00098 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Sodium     | 48       |           | 0.20    | 0.077   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:23 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 08/08/24 12:00 | 08/09/24 07:28 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 69     | B         | 5.0  | 0.58  | mg/L |   |          | 08/08/24 20:30 | 5       |
| Sulfate (EPA 300.0)                        | 64     |           | 5.0  | 1.0   | mg/L |   |          | 08/08/24 20:30 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 240    | B         | 5.0  | 3.7   | mg/L |   |          | 08/19/24 17:03 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 08/19/24 17:03 | 1       |
| Total Dissolved Solids (SM 2540C)          | 480    |           | 10   | 4.3   | mg/L |   |          | 08/08/24 01:20 | 1       |
| Fluoride (SM 4500 F C)                     | 0.25   |           | 0.10 | 0.056 | mg/L |   |          | 08/15/24 15:56 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 53.59  |           |    |     | ft         |   |          | 08/06/24 10:40 | 1       |
| Field pH                      | 7.29   |           |    |     | SU         |   |          | 08/06/24 10:40 | 1       |
| Field Temperature             | 19.0   |           |    |     | Degrees C  |   |          | 08/06/24 10:40 | 1       |
| Oxidation Reduction Potential | 124.9  |           |    |     | millivolts |   |          | 08/06/24 10:40 | 1       |
| Oxygen, Dissolved             | 3.07   |           |    |     | mg/L       |   |          | 08/06/24 10:40 | 1       |
| Specific Conductance          | 874    |           |    |     | umhos/cm   |   |          | 08/06/24 10:40 | 1       |
| Turbidity                     | 0.81   |           |    |     | NTU        |   |          | 08/06/24 10:40 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_54\_FD

Lab Sample ID: 500-253560-39

Date Collected: 08/06/24 10:45

Matrix: Water

Date Received: 08/07/24 09:05

## Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.011  |           | 0.0050 | 0.0020 | mg/L |   | 08/08/24 09:15 | 08/12/24 17:24 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte    | Result   | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030  |           | 0.0030  | 0.0013  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Arsenic    | 0.00023  | J         | 0.0010  | 0.00023 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Barium     | 0.047    |           | 0.0025  | 0.00073 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Beryllium  | <0.0010  |           | 0.0010  | 0.00053 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Boron      | 0.30     | B         | 0.050   | 0.013   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Cadmium    | <0.00050 |           | 0.00050 | 0.00017 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Calcium    | 78       |           | 0.20    | 0.044   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Chromium   | <0.0050  |           | 0.0050  | 0.0011  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Cobalt     | <0.0010  |           | 0.0010  | 0.00040 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Lead       | <0.00050 |           | 0.00050 | 0.00019 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Magnesium  | 32       |           | 0.20    | 0.049   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Molybdenum | 0.026    |           | 0.0050  | 0.0025  | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Potassium  | 4.3      |           | 0.50    | 0.11    | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Selenium   | <0.0025  |           | 0.0025  | 0.00098 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Sodium     | 48       |           | 0.20    | 0.077   | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |
| Thallium   | <0.0020  |           | 0.0020  | 0.00057 | mg/L |   | 08/08/24 09:16 | 08/09/24 19:26 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result   | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020 |           | 0.00020 | 0.000076 | mg/L |   | 08/08/24 12:00 | 08/09/24 07:30 | 1       |

## General Chemistry

| Analyte                                    | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Chloride (EPA 300.0)                       | 69     | B         | 5.0  | 0.58  | mg/L |   |          | 08/08/24 20:46 | 5       |
| Sulfate (EPA 300.0)                        | 65     |           | 5.0  | 1.0   | mg/L |   |          | 08/08/24 20:46 | 5       |
| Bicarbonate Alkalinity as CaCO3 (SM 2320B) | 240    | B         | 5.0  | 3.7   | mg/L |   |          | 08/19/24 17:13 | 1       |
| Carbonate Alkalinity as CaCO3 (SM 2320B)   | <5.0   |           | 5.0  | 3.7   | mg/L |   |          | 08/19/24 17:13 | 1       |
| Total Dissolved Solids (SM 2540C)          | 430    |           | 10   | 4.3   | mg/L |   |          | 08/08/24 01:22 | 1       |
| Fluoride (SM 4500 F C)                     | 0.25   |           | 0.10 | 0.056 | mg/L |   |          | 08/15/24 16:01 | 1       |

## Method: EPA Field Sampling - Field Sampling

| Analyte                       | Result | Qualifier | RL | MDL | Unit       | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|----|-----|------------|---|----------|----------------|---------|
| Depth to Water (ft from MP)   | 53.59  |           |    |     | ft         |   |          | 08/06/24 10:45 | 1       |
| Field pH                      | 7.29   |           |    |     | SU         |   |          | 08/06/24 10:45 | 1       |
| Field Temperature             | 19.0   |           |    |     | Degrees C  |   |          | 08/06/24 10:45 | 1       |
| Oxidation Reduction Potential | 124.9  |           |    |     | millivolts |   |          | 08/06/24 10:45 | 1       |
| Oxygen, Dissolved             | 3.07   |           |    |     | mg/L       |   |          | 08/06/24 10:45 | 1       |
| Specific Conductance          | 874    |           |    |     | umhos/cm   |   |          | 08/06/24 10:45 | 1       |
| Turbidity                     | 0.81   |           |    |     | NTU        |   |          | 08/06/24 10:45 | 1       |



Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_55      Lab Sample ID: 500-253560-47  
Date Collected: 07/15/24 11:45      Matrix: Water  
Date Received: 07/16/24 13:05

|                                             |        |           |    |     |      |   |          |                |         |
|---------------------------------------------|--------|-----------|----|-----|------|---|----------|----------------|---------|
| Method: EPA Field Sampling - Field Sampling |        |           |    |     |      |   |          |                |         |
| Analyte                                     | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
| Depth to Water (ft from MP)                 | 50.91  |           |    |     | ft   |   |          | 07/15/24 11:45 | 1       |

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Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_XSG01      Lab Sample ID: 500-253560-48  
Date Collected: 07/15/24 11:20      Matrix: Water  
Date Received: 07/16/24 13:05

| Method: EPA Field Sampling - Field Sampling |        |           |    |     |      |   |          |                |         |
|---------------------------------------------|--------|-----------|----|-----|------|---|----------|----------------|---------|
| Analyte                                     | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
| Depth to Water (ft from MP)                 | 10.14  |           |    |     | ft   |   |          | 07/15/24 11:20 | 1       |

Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

Client Sample ID: HEN\_YSG\_ILRIVER      Lab Sample ID: 500-253560-49  
Date Collected: 07/15/24 12:30      Matrix: Water  
Date Received: 07/16/24 13:05

|                                             |        |           |    |     |      |   |          |                |         |
|---------------------------------------------|--------|-----------|----|-----|------|---|----------|----------------|---------|
| Method: EPA Field Sampling - Field Sampling |        |           |    |     |      |   |          |                |         |
| Analyte                                     | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
| Depth to Water (ft from MP)                 | 5.25   |           |    |     | ft   |   |          | 07/15/24 12:30 | 1       |

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## Definitions/Glossary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

### Qualifiers

#### Metals

| Qualifier | Qualifier Description                                                                                                                                                       |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.                   |
| B         | Compound was found in the blank and sample.                                                                                                                                 |
| F5        | Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both. |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.                                                              |

#### General Chemistry

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| B         | Compound was found in the blank and sample.                                                                    |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### 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                                                                                       |

# QC Association Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Metals

### Prep Batch: 777840

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-253560-1       | HEN_07             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-2       | HEN_12             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-3       | HEN_13             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-9       | HEN_08             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-10      | HEN_08&D           | Total Recoverable | Water  | 3005A  |            |
| 500-253560-12      | HEN_16             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-13      | HEN_16_FD          | Total Recoverable | Water  | 3005A  |            |
| MB 500-777840/1-A  | Method Blank       | Total Recoverable | Water  | 3005A  |            |
| LCS 500-777840/2-A | Lab Control Sample | Total Recoverable | Water  | 3005A  |            |
| 500-253560-1 MS    | HEN_07             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-1 MSD   | HEN_07             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-1 DU    | HEN_07             | Total Recoverable | Water  | 3005A  |            |

### Analysis Batch: 778011

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-253560-1       | HEN_07             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-2       | HEN_12             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-3       | HEN_13             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-9       | HEN_08             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-10      | HEN_08&D           | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-12      | HEN_16             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-13      | HEN_16_FD          | Total Recoverable | Water  | 6020B  | 777840     |
| MB 500-777840/1-A  | Method Blank       | Total Recoverable | Water  | 6020B  | 777840     |
| LCS 500-777840/2-A | Lab Control Sample | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-1 MS    | HEN_07             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-1 MSD   | HEN_07             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-1 DU    | HEN_07             | Total Recoverable | Water  | 6020B  | 777840     |

### Analysis Batch: 778290

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-253560-1       | HEN_07             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-2       | HEN_12             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-3       | HEN_13             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-9       | HEN_08             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-10      | HEN_08&D           | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-12      | HEN_16             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-13      | HEN_16_FD          | Total Recoverable | Water  | 6020B  | 777840     |
| MB 500-777840/1-A  | Method Blank       | Total Recoverable | Water  | 6020B  | 777840     |
| LCS 500-777840/2-A | Lab Control Sample | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-1 MS    | HEN_07             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-1 MSD   | HEN_07             | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-1 DU    | HEN_07             | Total Recoverable | Water  | 6020B  | 777840     |

### Analysis Batch: 778401

| Lab Sample ID | Client Sample ID | Prep Type         | Matrix | Method | Prep Batch |
|---------------|------------------|-------------------|--------|--------|------------|
| 500-253560-9  | HEN_08           | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-10 | HEN_08&D         | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-12 | HEN_16           | Total Recoverable | Water  | 6020B  | 777840     |
| 500-253560-13 | HEN_16_FD        | Total Recoverable | Water  | 6020B  | 777840     |

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# QC Association Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Metals

### Prep Batch: 778656

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-253560-2       | HEN_12             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-3       | HEN_13             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-12      | HEN_16             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-13      | HEN_16_FD          | Total Recoverable | Water  | 200.7  |            |
| MB 500-778656/1-A  | Method Blank       | Total Recoverable | Water  | 200.7  |            |
| LCS 500-778656/2-A | Lab Control Sample | Total Recoverable | Water  | 200.7  |            |
| 500-253560-2 MS    | HEN_12             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-2 DU    | HEN_12             | Total Recoverable | Water  | 200.7  |            |

### Prep Batch: 778850

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-253560-1        | HEN_07             | Total/NA  | Water  | 7470A  |            |
| 500-253560-2        | HEN_12             | Total/NA  | Water  | 7470A  |            |
| 500-253560-3        | HEN_13             | Total/NA  | Water  | 7470A  |            |
| MB 500-778850/12-A  | Method Blank       | Total/NA  | Water  | 7470A  |            |
| LCS 500-778850/13-A | Lab Control Sample | Total/NA  | Water  | 7470A  |            |

### Prep Batch: 778991

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-253560-1       | HEN_07             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-9       | HEN_08             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-10      | HEN_08&D           | Total Recoverable | Water  | 200.7  |            |
| MB 500-778991/1-A  | Method Blank       | Total Recoverable | Water  | 200.7  |            |
| LCS 500-778991/2-A | Lab Control Sample | Total Recoverable | Water  | 200.7  |            |

### Prep Batch: 779038

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-253560-9        | HEN_08             | Total/NA  | Water  | 7470A  |            |
| 500-253560-10       | HEN_08&D           | Total/NA  | Water  | 7470A  |            |
| 500-253560-12       | HEN_16             | Total/NA  | Water  | 7470A  |            |
| 500-253560-13       | HEN_16_FD          | Total/NA  | Water  | 7470A  |            |
| MB 500-779038/12-A  | Method Blank       | Total/NA  | Water  | 7470A  |            |
| LCS 500-779038/13-A | Lab Control Sample | Total/NA  | Water  | 7470A  |            |
| 500-253560-13 MS    | HEN_16_FD          | Total/NA  | Water  | 7470A  |            |
| 500-253560-13 MSD   | HEN_16_FD          | Total/NA  | Water  | 7470A  |            |
| 500-253560-13 DU    | HEN_16_FD          | Total/NA  | Water  | 7470A  |            |

### Analysis Batch: 779040

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-253560-1        | HEN_07             | Total/NA  | Water  | 7470A  | 778850     |
| 500-253560-2        | HEN_12             | Total/NA  | Water  | 7470A  | 778850     |
| 500-253560-3        | HEN_13             | Total/NA  | Water  | 7470A  | 778850     |
| MB 500-778850/12-A  | Method Blank       | Total/NA  | Water  | 7470A  | 778850     |
| LCS 500-778850/13-A | Lab Control Sample | Total/NA  | Water  | 7470A  | 778850     |

### Analysis Batch: 779270

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-253560-9  | HEN_08           | Total/NA  | Water  | 7470A  | 779038     |
| 500-253560-10 | HEN_08&D         | Total/NA  | Water  | 7470A  | 779038     |
| 500-253560-12 | HEN_16           | Total/NA  | Water  | 7470A  | 779038     |
| 500-253560-13 | HEN_16_FD        | Total/NA  | Water  | 7470A  | 779038     |

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# QC Association Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Metals (Continued)

### Analysis Batch: 779270 (Continued)

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| MB 500-779038/12-A  | Method Blank       | Total/NA  | Water  | 7470A  | 779038     |
| LCS 500-779038/13-A | Lab Control Sample | Total/NA  | Water  | 7470A  | 779038     |
| 500-253560-13 MS    | HEN_16_FD          | Total/NA  | Water  | 7470A  | 779038     |
| 500-253560-13 MSD   | HEN_16_FD          | Total/NA  | Water  | 7470A  | 779038     |
| 500-253560-13 DU    | HEN_16_FD          | Total/NA  | Water  | 7470A  | 779038     |

### Analysis Batch: 779318

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method        | Prep Batch |
|--------------------|--------------------|-------------------|--------|---------------|------------|
| 500-253560-1       | HEN_07             | Total Recoverable | Water  | 200.7 Rev 4.4 | 778991     |
| 500-253560-9       | HEN_08             | Total Recoverable | Water  | 200.7 Rev 4.4 | 778991     |
| 500-253560-10      | HEN_08&D           | Total Recoverable | Water  | 200.7 Rev 4.4 | 778991     |
| MB 500-778991/1-A  | Method Blank       | Total Recoverable | Water  | 200.7 Rev 4.4 | 778991     |
| LCS 500-778991/2-A | Lab Control Sample | Total Recoverable | Water  | 200.7 Rev 4.4 | 778991     |

### Analysis Batch: 779447

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method        | Prep Batch |
|--------------------|--------------------|-------------------|--------|---------------|------------|
| 500-253560-2       | HEN_12             | Total Recoverable | Water  | 200.7 Rev 4.4 | 778656     |
| 500-253560-3       | HEN_13             | Total Recoverable | Water  | 200.7 Rev 4.4 | 778656     |
| 500-253560-12      | HEN_16             | Total Recoverable | Water  | 200.7 Rev 4.4 | 778656     |
| 500-253560-13      | HEN_16_FD          | Total Recoverable | Water  | 200.7 Rev 4.4 | 778656     |
| MB 500-778656/1-A  | Method Blank       | Total Recoverable | Water  | 200.7 Rev 4.4 | 778656     |
| LCS 500-778656/2-A | Lab Control Sample | Total Recoverable | Water  | 200.7 Rev 4.4 | 778656     |
| 500-253560-2 MS    | HEN_12             | Total Recoverable | Water  | 200.7 Rev 4.4 | 778656     |
| 500-253560-2 DU    | HEN_12             | Total Recoverable | Water  | 200.7 Rev 4.4 | 778656     |

### Prep Batch: 780356

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-253560-24      | HEN_17             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-33      | HEN_46             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-34      | HEN_47             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-37      | HEN_52             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-38      | HEN_54             | Total Recoverable | Water  | 200.7  |            |
| 500-253560-39      | HEN_54_FD          | Total Recoverable | Water  | 200.7  |            |
| MB 500-780356/1-A  | Method Blank       | Total Recoverable | Water  | 200.7  |            |
| LCS 500-780356/2-A | Lab Control Sample | Total Recoverable | Water  | 200.7  |            |

### Prep Batch: 780445

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-253560-24      | HEN_17             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-33      | HEN_46             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-34      | HEN_47             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-37      | HEN_52             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-38      | HEN_54             | Total Recoverable | Water  | 3005A  |            |
| 500-253560-39      | HEN_54_FD          | Total Recoverable | Water  | 3005A  |            |
| MB 500-780445/1-A  | Method Blank       | Total Recoverable | Water  | 3005A  |            |
| LCS 500-780445/2-A | Lab Control Sample | Total Recoverable | Water  | 3005A  |            |

### Prep Batch: 780506

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-253560-24 | HEN_17           | Total/NA  | Water  | 7470A  |            |
| 500-253560-33 | HEN_46           | Total/NA  | Water  | 7470A  |            |

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ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Metals (Continued)

### Prep Batch: 780506 (Continued)

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 500-253560-34        | HEN_47                 | Total/NA  | Water  | 7470A  |            |
| 500-253560-37        | HEN_52                 | Total/NA  | Water  | 7470A  |            |
| 500-253560-38        | HEN_54                 | Total/NA  | Water  | 7470A  |            |
| 500-253560-39        | HEN_54_FD              | Total/NA  | Water  | 7470A  |            |
| MB 500-780506/12-A   | Method Blank           | Total/NA  | Water  | 7470A  |            |
| LCS 500-780506/13-A  | Lab Control Sample     | Total/NA  | Water  | 7470A  |            |
| LCSD 500-780506/40-A | Lab Control Sample Dup | Total/NA  | Water  | 7470A  |            |

### Analysis Batch: 780728

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 500-253560-24        | HEN_17                 | Total/NA  | Water  | 7470A  | 780506     |
| 500-253560-33        | HEN_46                 | Total/NA  | Water  | 7470A  | 780506     |
| 500-253560-34        | HEN_47                 | Total/NA  | Water  | 7470A  | 780506     |
| 500-253560-37        | HEN_52                 | Total/NA  | Water  | 7470A  | 780506     |
| 500-253560-38        | HEN_54                 | Total/NA  | Water  | 7470A  | 780506     |
| 500-253560-39        | HEN_54_FD              | Total/NA  | Water  | 7470A  | 780506     |
| MB 500-780506/12-A   | Method Blank           | Total/NA  | Water  | 7470A  | 780506     |
| LCS 500-780506/13-A  | Lab Control Sample     | Total/NA  | Water  | 7470A  | 780506     |
| LCSD 500-780506/40-A | Lab Control Sample Dup | Total/NA  | Water  | 7470A  | 780506     |

### Analysis Batch: 780867

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-253560-24      | HEN_17             | Total Recoverable | Water  | 6020B  | 780445     |
| 500-253560-33      | HEN_46             | Total Recoverable | Water  | 6020B  | 780445     |
| 500-253560-34      | HEN_47             | Total Recoverable | Water  | 6020B  | 780445     |
| 500-253560-37      | HEN_52             | Total Recoverable | Water  | 6020B  | 780445     |
| 500-253560-38      | HEN_54             | Total Recoverable | Water  | 6020B  | 780445     |
| 500-253560-39      | HEN_54_FD          | Total Recoverable | Water  | 6020B  | 780445     |
| MB 500-780445/1-A  | Method Blank       | Total Recoverable | Water  | 6020B  | 780445     |
| LCS 500-780445/2-A | Lab Control Sample | Total Recoverable | Water  | 6020B  | 780445     |

### Analysis Batch: 781097

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-253560-24      | HEN_17             | Total Recoverable | Water  | 6020B  | 780445     |
| 500-253560-33      | HEN_46             | Total Recoverable | Water  | 6020B  | 780445     |
| 500-253560-34      | HEN_47             | Total Recoverable | Water  | 6020B  | 780445     |
| MB 500-780445/1-A  | Method Blank       | Total Recoverable | Water  | 6020B  | 780445     |
| LCS 500-780445/2-A | Lab Control Sample | Total Recoverable | Water  | 6020B  | 780445     |

### Analysis Batch: 781099

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method        | Prep Batch |
|--------------------|--------------------|-------------------|--------|---------------|------------|
| 500-253560-24      | HEN_17             | Total Recoverable | Water  | 200.7 Rev 4.4 | 780356     |
| 500-253560-33      | HEN_46             | Total Recoverable | Water  | 200.7 Rev 4.4 | 780356     |
| 500-253560-34      | HEN_47             | Total Recoverable | Water  | 200.7 Rev 4.4 | 780356     |
| 500-253560-37      | HEN_52             | Total Recoverable | Water  | 200.7 Rev 4.4 | 780356     |
| 500-253560-38      | HEN_54             | Total Recoverable | Water  | 200.7 Rev 4.4 | 780356     |
| 500-253560-39      | HEN_54_FD          | Total Recoverable | Water  | 200.7 Rev 4.4 | 780356     |
| MB 500-780356/1-A  | Method Blank       | Total Recoverable | Water  | 200.7 Rev 4.4 | 780356     |
| LCS 500-780356/2-A | Lab Control Sample | Total Recoverable | Water  | 200.7 Rev 4.4 | 780356     |

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HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## General Chemistry

### Analysis Batch: 777221

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|------------------|--------------------|-----------|--------|----------|------------|
| 500-253560-1     | HEN_07             | Total/NA  | Water  | SM 2540C |            |
| 500-253560-2     | HEN_12             | Total/NA  | Water  | SM 2540C |            |
| 500-253560-3     | HEN_13             | Total/NA  | Water  | SM 2540C |            |
| MB 500-777221/1  | Method Blank       | Total/NA  | Water  | SM 2540C |            |
| LCS 500-777221/2 | Lab Control Sample | Total/NA  | Water  | SM 2540C |            |

### Analysis Batch: 777696

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|------------------|--------------------|-----------|--------|----------|------------|
| 500-253560-1     | HEN_07             | Total/NA  | Water  | SM 2320B |            |
| 500-253560-2     | HEN_12             | Total/NA  | Water  | SM 2320B |            |
| 500-253560-3     | HEN_13             | Total/NA  | Water  | SM 2320B |            |
| MB 500-777696/28 | Method Blank       | Total/NA  | Water  | SM 2320B |            |
| LCS 500-777696/4 | Lab Control Sample | Total/NA  | Water  | SM 2320B |            |

### Analysis Batch: 777853

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|------------------|--------------------|-----------|--------|----------|------------|
| 500-253560-9     | HEN_08             | Total/NA  | Water  | SM 2540C |            |
| 500-253560-10    | HEN_08&D           | Total/NA  | Water  | SM 2540C |            |
| 500-253560-12    | HEN_16             | Total/NA  | Water  | SM 2540C |            |
| 500-253560-13    | HEN_16_FD          | Total/NA  | Water  | SM 2540C |            |
| MB 500-777853/1  | Method Blank       | Total/NA  | Water  | SM 2540C |            |
| LCS 500-777853/2 | Lab Control Sample | Total/NA  | Water  | SM 2540C |            |

### Analysis Batch: 778153

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method      | Prep Batch |
|-------------------|--------------------|-----------|--------|-------------|------------|
| 500-253560-2      | HEN_12             | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-3      | HEN_13             | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-9      | HEN_08             | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-10     | HEN_08&D           | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-12     | HEN_16             | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-13     | HEN_16_FD          | Total/NA  | Water  | SM 4500 F C |            |
| MB 500-778153/3   | Method Blank       | Total/NA  | Water  | SM 4500 F C |            |
| MB 500-778153/31  | Method Blank       | Total/NA  | Water  | SM 4500 F C |            |
| LCS 500-778153/32 | Lab Control Sample | Total/NA  | Water  | SM 4500 F C |            |
| LCS 500-778153/4  | Lab Control Sample | Total/NA  | Water  | SM 4500 F C |            |

### Analysis Batch: 779286

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| 500-253560-9      | HEN_08             | Total/NA  | Water  | SM 2320B |            |
| 500-253560-10     | HEN_08&D           | Total/NA  | Water  | SM 2320B |            |
| 500-253560-12     | HEN_16             | Total/NA  | Water  | SM 2320B |            |
| 500-253560-13     | HEN_16_FD          | Total/NA  | Water  | SM 2320B |            |
| MB 500-779286/28  | Method Blank       | Total/NA  | Water  | SM 2320B |            |
| MB 500-779286/3   | Method Blank       | Total/NA  | Water  | SM 2320B |            |
| LCS 500-779286/29 | Lab Control Sample | Total/NA  | Water  | SM 2320B |            |
| LCS 500-779286/4  | Lab Control Sample | Total/NA  | Water  | SM 2320B |            |

### Analysis Batch: 779304

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-253560-1  | HEN_07           | Total/NA  | Water  | 300.0  |            |
| 500-253560-2  | HEN_12           | Total/NA  | Water  | 300.0  |            |

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Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-8  
SDG: HEN\_845\_803

## General Chemistry (Continued)

### Analysis Batch: 779304 (Continued)

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 500-253560-3      | HEN_13             | Total/NA  | Water  | 300.0  |            |
| 500-253560-9      | HEN_08             | Total/NA  | Water  | 300.0  |            |
| 500-253560-10     | HEN_08&D           | Total/NA  | Water  | 300.0  |            |
| 500-253560-12     | HEN_16             | Total/NA  | Water  | 300.0  |            |
| 500-253560-13     | HEN_16_FD          | Total/NA  | Water  | 300.0  |            |
| MB 500-779304/3   | Method Blank       | Total/NA  | Water  | 300.0  |            |
| MB 500-779304/33  | Method Blank       | Total/NA  | Water  | 300.0  |            |
| LCS 500-779304/34 | Lab Control Sample | Total/NA  | Water  | 300.0  |            |
| LCS 500-779304/4  | Lab Control Sample | Total/NA  | Water  | 300.0  |            |

### Analysis Batch: 780360

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|------------------|--------------------|-----------|--------|----------|------------|
| 500-253560-24    | HEN_17             | Total/NA  | Water  | SM 2540C |            |
| MB 500-780360/1  | Method Blank       | Total/NA  | Water  | SM 2540C |            |
| LCS 500-780360/2 | Lab Control Sample | Total/NA  | Water  | SM 2540C |            |

### Analysis Batch: 780361

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|------------------|--------------------|-----------|--------|----------|------------|
| 500-253560-33    | HEN_46             | Total/NA  | Water  | SM 2540C |            |
| 500-253560-34    | HEN_47             | Total/NA  | Water  | SM 2540C |            |
| 500-253560-37    | HEN_52             | Total/NA  | Water  | SM 2540C |            |
| 500-253560-38    | HEN_54             | Total/NA  | Water  | SM 2540C |            |
| 500-253560-39    | HEN_54_FD          | Total/NA  | Water  | SM 2540C |            |
| MB 500-780361/1  | Method Blank       | Total/NA  | Water  | SM 2540C |            |
| LCS 500-780361/2 | Lab Control Sample | Total/NA  | Water  | SM 2540C |            |

### Analysis Batch: 780474

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 500-253560-24     | HEN_17             | Total/NA  | Water  | 300.0  |            |
| 500-253560-33     | HEN_46             | Total/NA  | Water  | 300.0  |            |
| 500-253560-34     | HEN_47             | Total/NA  | Water  | 300.0  |            |
| 500-253560-37     | HEN_52             | Total/NA  | Water  | 300.0  |            |
| 500-253560-38     | HEN_54             | Total/NA  | Water  | 300.0  |            |
| 500-253560-39     | HEN_54_FD          | Total/NA  | Water  | 300.0  |            |
| MB 500-780474/13  | Method Blank       | Total/NA  | Water  | 300.0  |            |
| LCS 500-780474/14 | Lab Control Sample | Total/NA  | Water  | 300.0  |            |

### Analysis Batch: 780660

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method      | Prep Batch |
|------------------|--------------------|-----------|--------|-------------|------------|
| 500-253560-1     | HEN_07             | Total/NA  | Water  | SM 4500 F C |            |
| MB 500-780660/3  | Method Blank       | Total/NA  | Water  | SM 4500 F C |            |
| LCS 500-780660/4 | Lab Control Sample | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-1 MS  | HEN_07             | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-1 MSD | HEN_07             | Total/NA  | Water  | SM 4500 F C |            |

### Analysis Batch: 781135

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|------------------|--------------------|-----------|--------|----------|------------|
| 500-253560-24    | HEN_17             | Total/NA  | Water  | SM 2320B |            |
| MB 500-781135/3  | Method Blank       | Total/NA  | Water  | SM 2320B |            |
| LCS 500-781135/4 | Lab Control Sample | Total/NA  | Water  | SM 2320B |            |

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Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## General Chemistry

### Analysis Batch: 781815

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method      | Prep Batch |
|-------------------|--------------------|-----------|--------|-------------|------------|
| 500-253560-24     | HEN_17             | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-33     | HEN_46             | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-34     | HEN_47             | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-37     | HEN_52             | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-38     | HEN_54             | Total/NA  | Water  | SM 4500 F C |            |
| 500-253560-39     | HEN_54_FD          | Total/NA  | Water  | SM 4500 F C |            |
| MB 500-781815/3   | Method Blank       | Total/NA  | Water  | SM 4500 F C |            |
| MB 500-781815/31  | Method Blank       | Total/NA  | Water  | SM 4500 F C |            |
| LCS 500-781815/32 | Lab Control Sample | Total/NA  | Water  | SM 4500 F C |            |
| LCS 500-781815/4  | Lab Control Sample | Total/NA  | Water  | SM 4500 F C |            |

### Analysis Batch: 782341

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|------------------|--------------------|-----------|--------|----------|------------|
| 500-253560-33    | HEN_46             | Total/NA  | Water  | SM 2320B |            |
| 500-253560-34    | HEN_47             | Total/NA  | Water  | SM 2320B |            |
| 500-253560-37    | HEN_52             | Total/NA  | Water  | SM 2320B |            |
| 500-253560-38    | HEN_54             | Total/NA  | Water  | SM 2320B |            |
| 500-253560-39    | HEN_54_FD          | Total/NA  | Water  | SM 2320B |            |
| MB 500-782341/3  | Method Blank       | Total/NA  | Water  | SM 2320B |            |
| LCS 500-782341/4 | Lab Control Sample | Total/NA  | Water  | SM 2320B |            |

## Field Service / Mobile Lab

### Analysis Batch: 781194

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method         | Prep Batch |
|---------------|------------------|-----------|--------|----------------|------------|
| 500-253560-1  | HEN_07           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-2  | HEN_12           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-3  | HEN_13           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-9  | HEN_08           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-10 | HEN_08&D         | Total/NA  | Water  | Field Sampling |            |
| 500-253560-12 | HEN_16           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-13 | HEN_16_FD        | Total/NA  | Water  | Field Sampling |            |
| 500-253560-24 | HEN_17           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-33 | HEN_46           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-34 | HEN_47           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-37 | HEN_52           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-38 | HEN_54           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-39 | HEN_54_FD        | Total/NA  | Water  | Field Sampling |            |
| 500-253560-47 | HEN_55           | Total/NA  | Water  | Field Sampling |            |
| 500-253560-48 | HEN_XSG01        | Total/NA  | Water  | Field Sampling |            |
| 500-253560-49 | HEN_YSG_ILRIVER  | Total/NA  | Water  | Field Sampling |            |

# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 500-778656/1-A  
Matrix: Water  
Analysis Batch: 779447

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 778656

| Analyte | MB Result | MB Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | <0.0050   |              | 0.0050 | 0.0020 | mg/L |   | 07/26/24 15:25 | 07/31/24 12:58 | 1       |

Lab Sample ID: LCS 500-778656/2-A  
Matrix: Water  
Analysis Batch: 779447

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 778656

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Lithium | 0.250       | 0.231      |               | mg/L |   | 93   | 85 - 115    |

Lab Sample ID: 500-253560-2 MS  
Matrix: Water  
Analysis Batch: 779447

Client Sample ID: HEN\_12  
Prep Type: Total Recoverable  
Prep Batch: 778656

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Lithium | 0.0083        |                  | 0.250       | 0.252     |              | mg/L |   | 97   | 70 - 130    |

Lab Sample ID: 500-253560-2 DU  
Matrix: Water  
Analysis Batch: 779447

Client Sample ID: HEN\_12  
Prep Type: Total Recoverable  
Prep Batch: 778656

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Lithium | 0.0083        |                  | 0.00864   |              | mg/L |   | 5   | 20        |

Lab Sample ID: MB 500-778991/1-A  
Matrix: Water  
Analysis Batch: 779318

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 778991

| Analyte | MB Result | MB Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | 0.00272   | J            | 0.0050 | 0.0020 | mg/L |   | 07/30/24 08:33 | 07/31/24 13:09 | 1       |

Lab Sample ID: LCS 500-778991/2-A  
Matrix: Water  
Analysis Batch: 779318

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 778991

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Lithium | 0.250       | 0.247      |               | mg/L |   | 99   | 85 - 115    |

Lab Sample ID: MB 500-780356/1-A  
Matrix: Water  
Analysis Batch: 781099

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 780356

| Analyte | MB Result | MB Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|--------|--------|------|---|----------------|----------------|---------|
| Lithium | <0.0050   |              | 0.0050 | 0.0020 | mg/L |   | 08/08/24 09:15 | 08/12/24 15:28 | 1       |

Lab Sample ID: LCS 500-780356/2-A  
Matrix: Water  
Analysis Batch: 781099

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 780356

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Lithium | 0.250       | 0.265      |               | mg/L |   | 106  | 85 - 115    |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-777840/1-A  
Matrix: Water  
Analysis Batch: 778011

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte   | MB Result | MB Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic   | <0.0010   |              | 0.0010  | 0.00023 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |
| Beryllium | <0.0010   |              | 0.0010  | 0.00053 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |
| Boron     | 0.0490    | J            | 0.050   | 0.013   | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |
| Cadmium   | <0.00050  |              | 0.00050 | 0.00017 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |
| Chromium  | <0.0050   |              | 0.0050  | 0.0011  | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |
| Cobalt    | <0.0010   |              | 0.0010  | 0.00040 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |
| Lead      | <0.00050  |              | 0.00050 | 0.00019 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |
| Magnesium | <0.20     |              | 0.20    | 0.049   | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |
| Potassium | <0.50     |              | 0.50    | 0.11    | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |
| Sodium    | <0.20     |              | 0.20    | 0.077   | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |
| Thallium  | <0.0020   |              | 0.0020  | 0.00057 | mg/L |   | 07/22/24 15:20 | 07/23/24 13:27 | 1       |

Lab Sample ID: MB 500-777840/1-A  
Matrix: Water  
Analysis Batch: 778290

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte    | MB Result | MB Qualifier | RL     | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|--------|---------|------|---|----------------|----------------|---------|
| Antimony   | <0.0030   |              | 0.0030 | 0.0013  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:28 | 1       |
| Barium     | <0.0025   |              | 0.0025 | 0.00073 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:28 | 1       |
| Calcium    | <0.20     |              | 0.20   | 0.044   | mg/L |   | 07/22/24 15:20 | 07/24/24 14:28 | 1       |
| Molybdenum | <0.0050   |              | 0.0050 | 0.0025  | mg/L |   | 07/22/24 15:20 | 07/24/24 14:28 | 1       |
| Selenium   | <0.0025   |              | 0.0025 | 0.00098 | mg/L |   | 07/22/24 15:20 | 07/24/24 14:28 | 1       |

Lab Sample ID: LCS 500-777840/2-A  
Matrix: Water  
Analysis Batch: 778011

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte   | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|------|---|------|-------------|
| Arsenic   | 0.100       | 0.0875     |               | mg/L |   | 87   | 80 - 120    |
| Beryllium | 0.0500      | 0.0467     |               | mg/L |   | 93   | 80 - 120    |
| Boron     | 1.00        | 0.933      |               | mg/L |   | 93   | 80 - 120    |
| Cadmium   | 0.0500      | 0.0449     |               | mg/L |   | 90   | 80 - 120    |
| Chromium  | 0.200       | 0.181      |               | mg/L |   | 91   | 80 - 120    |
| Cobalt    | 0.500       | 0.459      |               | mg/L |   | 92   | 80 - 120    |
| Lead      | 0.100       | 0.0868     |               | mg/L |   | 87   | 80 - 120    |
| Magnesium | 10.0        | 9.11       |               | mg/L |   | 91   | 80 - 120    |
| Potassium | 10.0        | 8.77       |               | mg/L |   | 88   | 80 - 120    |
| Sodium    | 10.0        | 9.03       |               | mg/L |   | 90   | 80 - 120    |
| Thallium  | 0.100       | 0.0872     |               | mg/L |   | 87   | 80 - 120    |

Lab Sample ID: LCS 500-777840/2-A  
Matrix: Water  
Analysis Batch: 778290

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|-------------|------------|---------------|------|---|------|-------------|
| Antimony   | 0.500       | 0.496      |               | mg/L |   | 99   | 80 - 120    |
| Barium     | 0.500       | 0.500      |               | mg/L |   | 100  | 80 - 120    |
| Calcium    | 10.0        | 9.47       |               | mg/L |   | 95   | 80 - 120    |
| Molybdenum | 1.00        | 0.942      |               | mg/L |   | 94   | 80 - 120    |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-777840/2-A  
Matrix: Water  
Analysis Batch: 778290

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Selenium | 0.100       | 0.0968     |               | mg/L |   | 97   | 80 - 120    |

Lab Sample ID: 500-253560-1 MS  
Matrix: Water  
Analysis Batch: 778011

Client Sample ID: HEN\_07  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Beryllium | <0.0010       |                  | 0.0500      | 0.0447    |              | mg/L |   | 89   | 75 - 125    |
| Boron     | 0.093         | B                | 1.00        | 0.929     |              | mg/L |   | 84   | 75 - 125    |
| Cobalt    | 0.0023        |                  | 0.500       | 0.427     |              | mg/L |   | 85   | 75 - 125    |
| Sodium    | 77            |                  | 10.0        | 76.8      | 4            | mg/L |   | -5   | 75 - 125    |

Lab Sample ID: 500-253560-1 MS  
Matrix: Water  
Analysis Batch: 778290

Client Sample ID: HEN\_07  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte    | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Antimony   | <0.0030       |                  | 0.500       | 0.491     |              | mg/L |   | 98   | 75 - 125    |
| Arsenic    | <0.0010       |                  | 0.100       | 0.0949    |              | mg/L |   | 95   | 75 - 125    |
| Barium     | 0.17          |                  | 0.500       | 0.648     |              | mg/L |   | 95   | 75 - 125    |
| Cadmium    | <0.00050      |                  | 0.0500      | 0.0475    |              | mg/L |   | 95   | 75 - 125    |
| Calcium    | 170           |                  | 10.0        | 165       | 4            | mg/L |   | -57  | 75 - 125    |
| Chromium   | <0.0050       |                  | 0.200       | 0.200     |              | mg/L |   | 100  | 75 - 125    |
| Lead       | <0.00050      |                  | 0.100       | 0.0976    |              | mg/L |   | 98   | 75 - 125    |
| Magnesium  | 63            |                  | 10.0        | 66.9      | 4            | mg/L |   | 36   | 75 - 125    |
| Molybdenum | <0.0050       |                  | 1.00        | 0.936     |              | mg/L |   | 94   | 75 - 125    |
| Potassium  | 3.8           |                  | 10.0        | 13.0      |              | mg/L |   | 92   | 75 - 125    |
| Selenium   | <0.0025       |                  | 0.100       | 0.0942    |              | mg/L |   | 94   | 75 - 125    |
| Thallium   | <0.0020       |                  | 0.100       | 0.0998    |              | mg/L |   | 100  | 75 - 125    |

Lab Sample ID: 500-253560-1 MSD  
Matrix: Water  
Analysis Batch: 778011

Client Sample ID: HEN\_07  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Beryllium | <0.0010       |                  | 0.0500      | 0.0465     |               | mg/L |   | 93   | 75 - 125    | 4   | 20        |
| Boron     | 0.093         | B                | 1.00        | 1.00       |               | mg/L |   | 91   | 75 - 125    | 7   | 20        |
| Cobalt    | 0.0023        |                  | 0.500       | 0.451      |               | mg/L |   | 90   | 75 - 125    | 5   | 20        |
| Sodium    | 77            |                  | 10.0        | 81.1       | 4             | mg/L |   | 38   | 75 - 125    | 5   | 20        |

Lab Sample ID: 500-253560-1 MSD  
Matrix: Water  
Analysis Batch: 778290

Client Sample ID: HEN\_07  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Antimony | <0.0030       |                  | 0.500       | 0.519      |               | mg/L |   | 104  | 75 - 125    | 6   | 20        |
| Arsenic  | <0.0010       |                  | 0.100       | 0.101      |               | mg/L |   | 101  | 75 - 125    | 6   | 20        |
| Barium   | 0.17          |                  | 0.500       | 0.681      |               | mg/L |   | 101  | 75 - 125    | 5   | 20        |
| Cadmium  | <0.00050      |                  | 0.0500      | 0.0507     |               | mg/L |   | 101  | 75 - 125    | 6   | 20        |
| Calcium  | 170           |                  | 10.0        | 173        | 4             | mg/L |   | 22   | 75 - 125    | 5   | 20        |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
JEN 24-5808  
SDG: HEN\_845\_803

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-253560-1 MSD  
Matrix: Water  
Analysis Batch: 778290

Client Sample ID: HEN\_07  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte    | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Chromium   | <0.0050       |                  | 0.200       | 0.211      |               | mg/L |   | 105  | 75 - 125    | 5   | 20        |
| Lead       | <0.00050      |                  | 0.100       | 0.103      |               | mg/L |   | 103  | 75 - 125    | 5   | 20        |
| Magnesium  | 63            |                  | 10.0        | 70.8       | 4             | mg/L |   | 75   | 75 - 125    | 6   | 20        |
| Molybdenum | <0.0050       |                  | 1.00        | 0.997      |               | mg/L |   | 100  | 75 - 125    | 6   | 20        |
| Potassium  | 3.8           |                  | 10.0        | 13.8       |               | mg/L |   | 100  | 75 - 125    | 6   | 20        |
| Selenium   | <0.0025       |                  | 0.100       | 0.100      |               | mg/L |   | 100  | 75 - 125    | 6   | 20        |
| Thallium   | <0.0020       |                  | 0.100       | 0.106      |               | mg/L |   | 106  | 75 - 125    | 6   | 20        |

Lab Sample ID: 500-253560-1 DU  
Matrix: Water  
Analysis Batch: 778011

Client Sample ID: HEN\_07  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte   | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|-----------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Beryllium | <0.0010       |                  | <0.0010   |              | mg/L |   | NC  | 20        |
| Boron     | 0.093         | B                | 0.0717    | F5           | mg/L |   | 26  | 20        |
| Cobalt    | 0.0023        |                  | 0.00221   |              | mg/L |   | 3   | 20        |
| Sodium    | 77            |                  | 76.1      |              | mg/L |   | 2   | 20        |

Lab Sample ID: 500-253560-1 DU  
Matrix: Water  
Analysis Batch: 778290

Client Sample ID: HEN\_07  
Prep Type: Total Recoverable  
Prep Batch: 777840

| Analyte    | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Antimony   | <0.0030       |                  | <0.0030   |              | mg/L |   | NC  | 20        |
| Arsenic    | <0.0010       |                  | <0.0010   |              | mg/L |   | NC  | 20        |
| Barium     | 0.17          |                  | 0.173     |              | mg/L |   | 0.7 | 20        |
| Cadmium    | <0.00050      |                  | <0.00050  |              | mg/L |   | NC  | 20        |
| Calcium    | 170           |                  | 170       |              | mg/L |   | 0.3 | 20        |
| Chromium   | <0.0050       |                  | <0.0050   |              | mg/L |   | NC  | 20        |
| Lead       | <0.00050      |                  | <0.00050  |              | mg/L |   | NC  | 20        |
| Magnesium  | 63            |                  | 62.8      |              | mg/L |   | 0.7 | 20        |
| Molybdenum | <0.0050       |                  | <0.0050   |              | mg/L |   | NC  | 20        |
| Potassium  | 3.8           |                  | 3.78      |              | mg/L |   | 1   | 20        |
| Selenium   | <0.0025       |                  | <0.0025   |              | mg/L |   | NC  | 20        |
| Thallium   | <0.0020       |                  | <0.0020   |              | mg/L |   | NC  | 20        |

Lab Sample ID: MB 500-780445/1-A  
Matrix: Water  
Analysis Batch: 780867

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 780445

| Analyte   | MB Result | MB Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|---------|---------|------|---|----------------|----------------|---------|
| Antimony  | <0.0030   |              | 0.0030  | 0.0013  | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Arsenic   | <0.0010   |              | 0.0010  | 0.00023 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Barium    | <0.0025   |              | 0.0025  | 0.00073 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Beryllium | <0.0010   |              | 0.0010  | 0.00053 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Cadmium   | <0.00050  |              | 0.00050 | 0.00017 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Calcium   | <0.20     |              | 0.20    | 0.044   | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Chromium  | <0.0050   |              | 0.0050  | 0.0011  | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Cobalt    | <0.0010   |              | 0.0010  | 0.00040 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 500-780445/1-A  
Matrix: Water  
Analysis Batch: 780867

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 780445

| Analyte    | MB Result | MB Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|---------|---------|------|---|----------------|----------------|---------|
| Lead       | <0.00050  |              | 0.00050 | 0.00019 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Magnesium  | <0.20     |              | 0.20    | 0.049   | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Molybdenum | <0.0050   |              | 0.0050  | 0.0025  | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Potassium  | <0.50     |              | 0.50    | 0.11    | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Selenium   | <0.0025   |              | 0.0025  | 0.00098 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Sodium     | <0.20     |              | 0.20    | 0.077   | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |
| Thallium   | <0.0020   |              | 0.0020  | 0.00057 | mg/L |   | 08/08/24 09:16 | 08/09/24 18:08 | 1       |

Lab Sample ID: MB 500-780445/1-A  
Matrix: Water  
Analysis Batch: 781097

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 780445

| Analyte | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| Boron   | 0.0226    | J            | 0.050 | 0.013 | mg/L |   | 08/08/24 09:16 | 08/12/24 14:16 | 1       |

Lab Sample ID: LCS 500-780445/2-A  
Matrix: Water  
Analysis Batch: 780867

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 780445

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|-------------|------------|---------------|------|---|------|-------------|
| Antimony   | 0.500       | 0.494      |               | mg/L |   | 99   | 80 - 120    |
| Arsenic    | 0.100       | 0.0971     |               | mg/L |   | 97   | 80 - 120    |
| Barium     | 0.500       | 0.508      |               | mg/L |   | 102  | 80 - 120    |
| Beryllium  | 0.0500      | 0.0536     |               | mg/L |   | 107  | 80 - 120    |
| Cadmium    | 0.0500      | 0.0501     |               | mg/L |   | 100  | 80 - 120    |
| Calcium    | 10.0        | 8.96       |               | mg/L |   | 90   | 80 - 120    |
| Chromium   | 0.200       | 0.214      |               | mg/L |   | 107  | 80 - 120    |
| Cobalt     | 0.500       | 0.540      |               | mg/L |   | 108  | 80 - 120    |
| Lead       | 0.100       | 0.102      |               | mg/L |   | 102  | 80 - 120    |
| Magnesium  | 10.0        | 10.5       |               | mg/L |   | 105  | 80 - 120    |
| Molybdenum | 1.00        | 0.965      |               | mg/L |   | 96   | 80 - 120    |
| Potassium  | 10.0        | 10.2       |               | mg/L |   | 102  | 80 - 120    |
| Selenium   | 0.100       | 0.0950     |               | mg/L |   | 95   | 80 - 120    |
| Sodium     | 10.0        | 10.4       |               | mg/L |   | 104  | 80 - 120    |
| Thallium   | 0.100       | 0.104      |               | mg/L |   | 104  | 80 - 120    |

Lab Sample ID: LCS 500-780445/2-A  
Matrix: Water  
Analysis Batch: 781097

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 780445

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Boron   | 1.00        | 1.07       |               | mg/L |   | 107  | 80 - 120    |

# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-8  
SDG: HEN\_845\_803

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-778850/12-A  
Matrix: Water  
Analysis Batch: 779040

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 778850

| Analyte | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020  |              | 0.00020 | 0.000076 | mg/L |   | 07/29/24 11:55 | 07/30/24 08:00 | 1       |

Lab Sample ID: LCS 500-778850/13-A  
Matrix: Water  
Analysis Batch: 779040

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 778850

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Mercury | 0.00201     | 0.00195    |               | mg/L |   | 97   | 80 - 120    |

Lab Sample ID: MB 500-779038/12-A  
Matrix: Water  
Analysis Batch: 779270

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 779038

| Analyte | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020  |              | 0.00020 | 0.000076 | mg/L |   | 07/30/24 11:35 | 07/31/24 07:53 | 1       |

Lab Sample ID: LCS 500-779038/13-A  
Matrix: Water  
Analysis Batch: 779270

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 779038

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Mercury | 0.00200     | 0.00205    |               | mg/L |   | 103  | 80 - 120    |

Lab Sample ID: 500-253560-13 MS  
Matrix: Water  
Analysis Batch: 779270

Client Sample ID: HEN\_16\_FD  
Prep Type: Total/NA  
Prep Batch: 779038

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Mercury | <0.00020      |                  | 0.000999    | 0.000997  |              | mg/L |   | 100  | 75 - 125    |

Lab Sample ID: 500-253560-13 MSD  
Matrix: Water  
Analysis Batch: 779270

Client Sample ID: HEN\_16\_FD  
Prep Type: Total/NA  
Prep Batch: 779038

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Mercury | <0.00020      |                  | 0.000999    | 0.000961   |               | mg/L |   | 96   | 75 - 125    | 4   | 20        |

Lab Sample ID: 500-253560-13 DU  
Matrix: Water  
Analysis Batch: 779270

Client Sample ID: HEN\_16\_FD  
Prep Type: Total/NA  
Prep Batch: 779038

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Mercury | <0.00020      |                  | <0.00020  |              | mg/L |   | NC  | 20        |

Lab Sample ID: MB 500-780506/12-A  
Matrix: Water  
Analysis Batch: 780728

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 780506

| Analyte | MB Result | MB Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.00020  |              | 0.00020 | 0.000076 | mg/L |   | 08/08/24 12:00 | 08/09/24 06:33 | 1       |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-8  
SDG: HEN\_845\_803

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 500-780506/13-A  
Matrix: Water  
Analysis Batch: 780728

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 780506

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Mercury | 0.00200     | 0.00204    |               | mg/L |   | 102  | 80 - 120    |

Lab Sample ID: LCSD 500-780506/40-A  
Matrix: Water  
Analysis Batch: 780728

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 780506

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Mercury | 0.00200     | 0.00200     |                | mg/L |   | 100  | 80 - 120    | 2   | 20        |

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-779304/3  
Matrix: Water  
Analysis Batch: 779304

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| Chloride | 0.168     | J            | 1.0 | 0.12 | mg/L |   |          | 07/31/24 16:42 | 1       |
| Sulfate  | <1.0      |              | 1.0 | 0.21 | mg/L |   |          | 07/31/24 16:42 | 1       |

Lab Sample ID: MB 500-779304/33  
Matrix: Water  
Analysis Batch: 779304

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| Chloride | 0.163     | J            | 1.0 | 0.12 | mg/L |   |          | 08/01/24 00:32 | 1       |
| Sulfate  | <1.0      |              | 1.0 | 0.21 | mg/L |   |          | 08/01/24 00:32 | 1       |

Lab Sample ID: LCS 500-779304/34  
Matrix: Water  
Analysis Batch: 779304

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Chloride | 20.0        | 20.5       |               | mg/L |   | 103  | 90 - 110    |
| Sulfate  | 20.0        | 21.4       |               | mg/L |   | 107  | 90 - 110    |

Lab Sample ID: LCS 500-779304/4  
Matrix: Water  
Analysis Batch: 779304

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Chloride | 20.0        | 20.4       |               | mg/L |   | 102  | 90 - 110    |
| Sulfate  | 20.0        | 21.4       |               | mg/L |   | 107  | 90 - 110    |

Lab Sample ID: MB 500-780474/13  
Matrix: Water  
Analysis Batch: 780474

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| Chloride | 0.172     | J            | 1.0 | 0.12 | mg/L |   |          | 08/08/24 13:44 | 1       |
| Sulfate  | <1.0      |              | 1.0 | 0.21 | mg/L |   |          | 08/08/24 13:44 | 1       |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-8  
SDG: HEN\_845\_803

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 500-780474/14  
Matrix: Water  
Analysis Batch: 780474

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Chloride | 20.0        | 20.5       |               | mg/L |   | 103  | 90 - 110    |
| Sulfate  | 20.0        | 21.6       |               | mg/L |   | 108  | 90 - 110    |

## Method: SM 2320B - Alkalinity

Lab Sample ID: MB 500-777696/28  
Matrix: Water  
Analysis Batch: 777696

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                         | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Bicarbonate Alkalinity as CaCO3 | <5.0      |              | 5.0 | 3.7 | mg/L |   |          | 07/19/24 20:43 | 1       |
| Carbonate Alkalinity as CaCO3   | <5.0      |              | 5.0 | 3.7 | mg/L |   |          | 07/19/24 20:43 | 1       |

Lab Sample ID: LCS 500-777696/4  
Matrix: Water  
Analysis Batch: 777696

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|-------------|------------|---------------|------|---|------|-------------|
| Alkalinity | 100         | 105        |               | mg/L |   | 105  | 80 - 120    |

Lab Sample ID: MB 500-779286/28  
Matrix: Water  
Analysis Batch: 779286

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                         | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Bicarbonate Alkalinity as CaCO3 | 6.15      |              | 5.0 | 3.7 | mg/L |   |          | 07/30/24 16:38 | 1       |
| Carbonate Alkalinity as CaCO3   | <5.0      |              | 5.0 | 3.7 | mg/L |   |          | 07/30/24 16:38 | 1       |

Lab Sample ID: MB 500-779286/3  
Matrix: Water  
Analysis Batch: 779286

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                         | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Bicarbonate Alkalinity as CaCO3 | 5.15      |              | 5.0 | 3.7 | mg/L |   |          | 07/30/24 10:17 | 1       |
| Carbonate Alkalinity as CaCO3   | <5.0      |              | 5.0 | 3.7 | mg/L |   |          | 07/30/24 10:17 | 1       |

Lab Sample ID: LCS 500-779286/29  
Matrix: Water  
Analysis Batch: 779286

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|-------------|------------|---------------|------|---|------|-------------|
| Alkalinity | 100         | 104        |               | mg/L |   | 104  | 80 - 120    |

Lab Sample ID: LCS 500-779286/4  
Matrix: Water  
Analysis Batch: 779286

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|-------------|------------|---------------|------|---|------|-------------|
| Alkalinity | 100         | 109        |               | mg/L |   | 109  | 80 - 120    |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-8  
SDG: HEN\_845\_803

## Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 500-781135/3  
Matrix: Water  
Analysis Batch: 781135

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                         | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Bicarbonate Alkalinity as CaCO3 | 5.15      |              | 5.0 | 3.7 | mg/L |   |          | 08/12/24 16:56 | 1       |
| Carbonate Alkalinity as CaCO3   | <5.0      |              | 5.0 | 3.7 | mg/L |   |          | 08/12/24 16:56 | 1       |

Lab Sample ID: LCS 500-781135/4  
Matrix: Water  
Analysis Batch: 781135

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|-------------|------------|---------------|------|---|------|-------------|
| Alkalinity | 100         | 102        |               | mg/L |   | 102  | 80 - 120    |

Lab Sample ID: MB 500-782341/3  
Matrix: Water  
Analysis Batch: 782341

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                         | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Bicarbonate Alkalinity as CaCO3 | 4.26      | J            | 5.0 | 3.7 | mg/L |   |          | 08/19/24 16:11 | 1       |
| Carbonate Alkalinity as CaCO3   | <5.0      |              | 5.0 | 3.7 | mg/L |   |          | 08/19/24 16:11 | 1       |

Lab Sample ID: LCS 500-782341/4  
Matrix: Water  
Analysis Batch: 782341

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte    | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------|-------------|------------|---------------|------|---|------|-------------|
| Alkalinity | 100         | 102        |               | mg/L |   | 102  | 80 - 120    |

## Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 500-777221/1  
Matrix: Water  
Analysis Batch: 777221

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|----|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | <10       |              | 10 | 4.3 | mg/L |   |          | 07/18/24 00:21 | 1       |

Lab Sample ID: LCS 500-777221/2  
Matrix: Water  
Analysis Batch: 777221

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Dissolved Solids | 250         | 242        |               | mg/L |   | 97   | 80 - 120    |

Lab Sample ID: MB 500-777853/1  
Matrix: Water  
Analysis Batch: 777853

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|----|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | <10       |              | 10 | 4.3 | mg/L |   |          | 07/22/24 20:43 | 1       |

# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-8  
JEN 145908  
SDG: HEN\_845\_803

## Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 500-777853/2  
Matrix: Water  
Analysis Batch: 777853

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Dissolved Solids | 250         | 234        |               | mg/L |   | 94   | 80 - 120    |

Lab Sample ID: MB 500-780360/1  
Matrix: Water  
Analysis Batch: 780360

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|----|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | <10       |              | 10 | 4.3 | mg/L |   |          | 08/07/24 22:27 | 1       |

Lab Sample ID: LCS 500-780360/2  
Matrix: Water  
Analysis Batch: 780360

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Dissolved Solids | 250         | 246        |               | mg/L |   | 98   | 80 - 120    |

Lab Sample ID: MB 500-780361/1  
Matrix: Water  
Analysis Batch: 780361

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|----|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | <10       |              | 10 | 4.3 | mg/L |   |          | 08/08/24 00:49 | 1       |

Lab Sample ID: LCS 500-780361/2  
Matrix: Water  
Analysis Batch: 780361

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Dissolved Solids | 250         | 242        |               | mg/L |   | 97   | 80 - 120    |

## Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-778153/3  
Matrix: Water  
Analysis Batch: 778153

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Fluoride | <0.10     |              | 0.10 | 0.056 | mg/L |   |          | 07/23/24 12:09 | 1       |

Lab Sample ID: MB 500-778153/31  
Matrix: Water  
Analysis Batch: 778153

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Fluoride | <0.10     |              | 0.10 | 0.056 | mg/L |   |          | 07/23/24 14:20 | 1       |



# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-8  
SDG: HEN\_845\_803

## Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 500-778153/32  
Matrix: Water  
Analysis Batch: 778153

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Fluoride | 10.0        | 9.49       |               | mg/L |   | 95   | 90 - 119    |

Lab Sample ID: LCS 500-778153/4  
Matrix: Water  
Analysis Batch: 778153

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Fluoride | 10.0        | 9.52       |               | mg/L |   | 95   | 90 - 119    |

Lab Sample ID: MB 500-780660/3  
Matrix: Water  
Analysis Batch: 780660

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Fluoride | <0.10     |              | 0.10 | 0.056 | mg/L |   |          | 08/08/24 14:13 | 1       |

Lab Sample ID: LCS 500-780660/4  
Matrix: Water  
Analysis Batch: 780660

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Fluoride | 10.0        | 9.39       |               | mg/L |   | 94   | 90 - 119    |

Lab Sample ID: 500-253560-1 MS  
Matrix: Water  
Analysis Batch: 780660

Client Sample ID: HEN\_07  
Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Fluoride | 0.12          |                  | 5.00        | 5.10      |              | mg/L |   | 100  | 75 - 125    |

Lab Sample ID: 500-253560-1 MSD  
Matrix: Water  
Analysis Batch: 780660

Client Sample ID: HEN\_07  
Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Fluoride | 0.12          |                  | 5.00        | 5.11       |               | mg/L |   | 100  | 75 - 125    | 0   | 20        |

Lab Sample ID: MB 500-781815/3  
Matrix: Water  
Analysis Batch: 781815

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Fluoride | <0.10     |              | 0.10 | 0.056 | mg/L |   |          | 08/15/24 12:36 | 1       |

Lab Sample ID: MB 500-781815/31  
Matrix: Water  
Analysis Batch: 781815

Client Sample ID: Method Blank  
Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Fluoride | <0.10     |              | 0.10 | 0.056 | mg/L |   |          | 08/15/24 14:48 | 1       |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-8  
JEN 1245908  
SDG: HEN\_845\_803

## Method: SM 4500 F C - Fluoride

Lab Sample ID: LCS 500-781815/32  
Matrix: Water  
Analysis Batch: 781815

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Fluoride | 10.0        | 9.38       |               | mg/L |   | 94   | 90 - 119    |

Lab Sample ID: LCS 500-781815/4  
Matrix: Water  
Analysis Batch: 781815

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Fluoride | 10.0        | 9.52       |               | mg/L |   | 95   | 90 - 119    |

# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
JEN 07/24/2024  
SDG: HEN\_845\_803

**Client Sample ID: HEN\_07**

**Date Collected: 07/15/24 15:20**

**Date Received: 07/16/24 13:05**

**Lab Sample ID: 500-253560-1**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7          |     |                 | 778991       | BDE     | EET CHI | 07/30/24 08:33 - 07/30/24 14:33 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4  |     | 1               | 779318       | SJ      | EET CHI | 07/31/24 13:26                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 778011       | RN      | EET CHI | 07/23/24 13:32                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 778290       | RN      | EET CHI | 07/24/24 14:33                               |
| Total/NA          | Prep       | 7470A          |     |                 | 778850       | MJG     | EET CHI | 07/29/24 11:55 - 07/29/24 13:55 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A          |     | 1               | 779040       | MJG     | EET CHI | 07/30/24 08:38                               |
| Total/NA          | Analysis   | 300.0          |     | 5               | 779304       | NMB     | EET CHI | 07/31/24 21:24                               |
| Total/NA          | Analysis   | SM 2320B       |     | 1               | 777696       | SO      | EET CHI | 07/19/24 19:51                               |
| Total/NA          | Analysis   | SM 2540C       |     | 1               | 777221       | CLB     | EET CHI | 07/18/24 00:54                               |
| Total/NA          | Analysis   | SM 4500 F C    |     | 1               | 780660       | SO      | EET CHI | 08/08/24 14:33                               |
| Total/NA          | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 07/15/24 15:20                               |

**Client Sample ID: HEN\_12**

**Date Collected: 07/15/24 15:45**

**Date Received: 07/16/24 13:05**

**Lab Sample ID: 500-253560-2**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7          |     |                 | 778656       | S1Z     | EET CHI | 07/26/24 15:25 - 07/26/24 21:25 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4  |     | 1               | 779447       | SJ      | EET CHI | 07/31/24 13:06                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 778011       | RN      | EET CHI | 07/23/24 13:47                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 778290       | RN      | EET CHI | 07/24/24 14:49                               |
| Total/NA          | Prep       | 7470A          |     |                 | 778850       | MJG     | EET CHI | 07/29/24 11:55 - 07/29/24 13:55 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A          |     | 1               | 779040       | MJG     | EET CHI | 07/30/24 08:40                               |
| Total/NA          | Analysis   | 300.0          |     | 5               | 779304       | NMB     | EET CHI | 07/31/24 21:55                               |
| Total/NA          | Analysis   | SM 2320B       |     | 1               | 777696       | SO      | EET CHI | 07/19/24 20:01                               |
| Total/NA          | Analysis   | SM 2540C       |     | 1               | 777221       | CLB     | EET CHI | 07/18/24 00:57                               |
| Total/NA          | Analysis   | SM 4500 F C    |     | 1               | 778153       | SO      | EET CHI | 07/23/24 13:39                               |
| Total/NA          | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 07/15/24 15:45                               |

**Client Sample ID: HEN\_13**

**Date Collected: 07/15/24 16:35**

**Date Received: 07/16/24 13:05**

**Lab Sample ID: 500-253560-3**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method  | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|---------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7         |     |                 | 778656       | S1Z     | EET CHI | 07/26/24 15:25 - 07/26/24 21:25 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4 |     | 1               | 779447       | SJ      | EET CHI | 07/31/24 13:37                               |
| Total Recoverable | Prep       | 3005A         |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B         |     | 1               | 778011       | RN      | EET CHI | 07/23/24 13:50                               |
| Total Recoverable | Prep       | 3005A         |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B         |     | 1               | 778290       | RN      | EET CHI | 07/24/24 14:51                               |

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# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

**Client Sample ID: HEN\_13**

**Date Collected: 07/15/24 16:35**

**Date Received: 07/16/24 13:05**

**Lab Sample ID: 500-253560-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 7470A          |     |                 | 778850       | MJG     | EET CHI | 07/29/24 11:55 - 07/29/24 13:55 <sup>1</sup> |
| Total/NA  | Analysis   | 7470A          |     | 1               | 779040       | MJG     | EET CHI | 07/30/24 08:42                               |
| Total/NA  | Analysis   | 300.0          |     | 5               | 779304       | NMB     | EET CHI | 07/31/24 22:58                               |
| Total/NA  | Analysis   | SM 2320B       |     | 1               | 777696       | SO      | EET CHI | 07/19/24 20:14                               |
| Total/NA  | Analysis   | SM 2540C       |     | 1               | 777221       | CLB     | EET CHI | 07/18/24 00:59                               |
| Total/NA  | Analysis   | SM 4500 F C    |     | 1               | 778153       | SO      | EET CHI | 07/23/24 13:44                               |
| Total/NA  | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 07/15/24 16:35                               |

**Client Sample ID: HEN\_08**

**Date Collected: 07/16/24 14:00**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-9**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7          |     |                 | 778991       | BDE     | EET CHI | 07/30/24 08:33 - 07/30/24 14:33 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4  |     | 1               | 779318       | SJ      | EET CHI | 07/31/24 13:39                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 778011       | RN      | EET CHI | 07/23/24 14:06                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 778290       | RN      | EET CHI | 07/24/24 15:02                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 778401       | RN      | EET CHI | 07/25/24 11:01                               |
| Total/NA          | Prep       | 7470A          |     |                 | 779038       | MJG     | EET CHI | 07/30/24 11:35 - 07/30/24 13:35 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A          |     | 1               | 779270       | MJG     | EET CHI | 07/31/24 08:03                               |
| Total/NA          | Analysis   | 300.0          |     | 10              | 779304       | NMB     | EET CHI | 08/01/24 03:55                               |
| Total/NA          | Analysis   | SM 2320B       |     | 1               | 779286       | LEG     | EET CHI | 07/30/24 18:16                               |
| Total/NA          | Analysis   | SM 2540C       |     | 1               | 777853       | CLB     | EET CHI | 07/22/24 21:06                               |
| Total/NA          | Analysis   | SM 4500 F C    |     | 1               | 778153       | SO      | EET CHI | 07/23/24 14:30                               |
| Total/NA          | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 07/16/24 14:00                               |

**Client Sample ID: HEN\_08&D**

**Date Collected: 07/16/24 15:46**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-10**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method  | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|---------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7         |     |                 | 778991       | BDE     | EET CHI | 07/30/24 08:33 - 07/30/24 14:33 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4 |     | 1               | 779318       | SJ      | EET CHI | 07/31/24 13:43                               |
| Total Recoverable | Prep       | 3005A         |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B         |     | 1               | 778011       | RN      | EET CHI | 07/23/24 14:08                               |
| Total Recoverable | Prep       | 3005A         |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B         |     | 1               | 778290       | RN      | EET CHI | 07/24/24 15:05                               |
| Total Recoverable | Prep       | 3005A         |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B         |     | 1               | 778401       | RN      | EET CHI | 07/25/24 11:03                               |
| Total/NA          | Prep       | 7470A         |     |                 | 779038       | MJG     | EET CHI | 07/30/24 11:35 - 07/30/24 13:35 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A         |     | 1               | 779270       | MJG     | EET CHI | 07/31/24 08:05                               |

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# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

**Client Sample ID: HEN\_08&D**

**Lab Sample ID: 500-253560-10**

**Date Collected: 07/16/24 15:46**

**Matrix: Water**

**Date Received: 07/17/24 09:40**

| Prep Type | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 300.0          |     | 10              | 779304       | NMB     | EET CHI | 08/01/24 04:26       |
| Total/NA  | Analysis   | SM 2320B       |     | 1               | 779286       | LEG     | EET CHI | 07/30/24 18:26       |
| Total/NA  | Analysis   | SM 2540C       |     | 1               | 777853       | CLB     | EET CHI | 07/22/24 21:08       |
| Total/NA  | Analysis   | SM 4500 F C    |     | 1               | 778153       | SO      | EET CHI | 07/23/24 14:34       |
| Total/NA  | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 07/16/24 15:46       |

**Client Sample ID: HEN\_16**

**Lab Sample ID: 500-253560-12**

**Date Collected: 07/16/24 15:30**

**Matrix: Water**

**Date Received: 07/17/24 09:40**

| Prep Type         | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7          |     |                 | 778656       | S1Z     | EET CHI | 07/26/24 15:25 - 07/26/24 21:25 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4  |     | 1               | 779447       | SJ      | EET CHI | 07/31/24 14:26                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 778011       | RN      | EET CHI | 07/23/24 14:10                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 778290       | RN      | EET CHI | 07/24/24 15:11                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 778401       | RN      | EET CHI | 07/25/24 11:05                               |
| Total/NA          | Prep       | 7470A          |     |                 | 779038       | MJG     | EET CHI | 07/30/24 11:35 - 07/30/24 13:35 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A          |     | 1               | 779270       | MJG     | EET CHI | 07/31/24 08:07                               |
| Total/NA          | Analysis   | 300.0          |     | 5               | 779304       | NMB     | EET CHI | 08/01/24 05:44                               |
| Total/NA          | Analysis   | SM 2320B       |     | 1               | 779286       | LEG     | EET CHI | 07/30/24 18:46                               |
| Total/NA          | Analysis   | SM 2540C       |     | 1               | 777853       | CLB     | EET CHI | 07/22/24 21:14                               |
| Total/NA          | Analysis   | SM 4500 F C    |     | 1               | 778153       | SO      | EET CHI | 07/23/24 14:44                               |
| Total/NA          | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 07/16/24 15:30                               |

**Client Sample ID: HEN\_16\_FD**

**Lab Sample ID: 500-253560-13**

**Date Collected: 07/16/24 15:40**

**Matrix: Water**

**Date Received: 07/17/24 09:40**

| Prep Type         | Batch Type | Batch Method  | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|---------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7         |     |                 | 778656       | S1Z     | EET CHI | 07/26/24 15:25 - 07/26/24 21:25 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4 |     | 1               | 779447       | SJ      | EET CHI | 07/31/24 14:30                               |
| Total Recoverable | Prep       | 3005A         |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B         |     | 1               | 778011       | RN      | EET CHI | 07/23/24 14:12                               |
| Total Recoverable | Prep       | 3005A         |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B         |     | 1               | 778290       | RN      | EET CHI | 07/24/24 15:14                               |
| Total Recoverable | Prep       | 3005A         |     |                 | 777840       | S1Z     | EET CHI | 07/22/24 15:20 - 07/22/24 21:20 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B         |     | 1               | 778401       | RN      | EET CHI | 07/25/24 11:07                               |
| Total/NA          | Prep       | 7470A         |     |                 | 779038       | MJG     | EET CHI | 07/30/24 11:35 - 07/30/24 13:35 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A         |     | 1               | 779270       | MJG     | EET CHI | 07/31/24 08:09                               |
| Total/NA          | Analysis   | 300.0         |     | 5               | 779304       | NMB     | EET CHI | 08/01/24 06:00                               |
| Total/NA          | Analysis   | SM 2320B      |     | 1               | 779286       | LEG     | EET CHI | 07/30/24 19:13                               |

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# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

**Client Sample ID: HEN\_16\_FD**

**Date Collected: 07/16/24 15:40**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-13**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | SM 2540C       |     | 1               | 777853       | CLB     | EET CHI | 07/22/24 21:16       |
| Total/NA  | Analysis   | SM 4500 F C    |     | 1               | 778153       | SO      | EET CHI | 07/23/24 14:59       |
| Total/NA  | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 07/16/24 15:40       |

**Client Sample ID: HEN\_17**

**Date Collected: 08/06/24 09:10**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-24**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7          |     |                 | 780356       | S1Z     | EET CHI | 08/08/24 09:15 - 08/08/24 15:15 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4  |     | 1               | 781099       | SJ      | EET CHI | 08/12/24 15:36                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 780445       | BDE     | EET CHI | 08/08/24 09:16 - 08/08/24 15:16 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 780867       | RN      | EET CHI | 08/09/24 18:13                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 780445       | BDE     | EET CHI | 08/08/24 09:16 - 08/08/24 15:16 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 781097       | RN      | EET CHI | 08/12/24 14:21                               |
| Total/NA          | Prep       | 7470A          |     |                 | 780506       | MJG     | EET CHI | 08/08/24 12:00 - 08/08/24 14:00 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A          |     | 1               | 780728       | MJG     | EET CHI | 08/09/24 06:37                               |
| Total/NA          | Analysis   | 300.0          |     | 5               | 780474       | LEG     | EET CHI | 08/08/24 14:15                               |
| Total/NA          | Analysis   | SM 2320B       |     | 1               | 781135       | SO      | EET CHI | 08/12/24 17:52                               |
| Total/NA          | Analysis   | SM 2540C       |     | 1               | 780360       | CLB     | EET CHI | 08/07/24 23:03                               |
| Total/NA          | Analysis   | SM 4500 F C    |     | 1               | 781815       | SO      | EET CHI | 08/15/24 14:15                               |
| Total/NA          | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 08/06/24 09:10                               |

**Client Sample ID: HEN\_46**

**Date Collected: 08/06/24 09:55**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-33**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7          |     |                 | 780356       | S1Z     | EET CHI | 08/08/24 09:15 - 08/08/24 15:15 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4  |     | 1               | 781099       | SJ      | EET CHI | 08/12/24 16:37                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 780445       | BDE     | EET CHI | 08/08/24 09:16 - 08/08/24 15:16 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 780867       | RN      | EET CHI | 08/09/24 18:57                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 780445       | BDE     | EET CHI | 08/08/24 09:16 - 08/08/24 15:16 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 781097       | RN      | EET CHI | 08/12/24 14:59                               |
| Total/NA          | Prep       | 7470A          |     |                 | 780506       | MJG     | EET CHI | 08/08/24 12:00 - 08/08/24 14:00 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A          |     | 1               | 780728       | MJG     | EET CHI | 08/09/24 07:07                               |
| Total/NA          | Analysis   | 300.0          |     | 5               | 780474       | LEG     | EET CHI | 08/08/24 18:10                               |
| Total/NA          | Analysis   | SM 2320B       |     | 1               | 782341       | ER      | EET CHI | 08/19/24 16:34                               |
| Total/NA          | Analysis   | SM 2540C       |     | 1               | 780361       | CLB     | EET CHI | 08/08/24 00:59                               |
| Total/NA          | Analysis   | SM 4500 F C    |     | 1               | 781815       | SO      | EET CHI | 08/15/24 15:38                               |
| Total/NA          | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 08/06/24 09:55                               |

# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
JEN-24-5908  
SDG: HEN\_845\_803

**Client Sample ID: HEN\_47**

**Date Collected: 08/06/24 11:20**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-34**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7          |     |                 | 780356       | S1Z     | EET CHI | 08/08/24 09:15 - 08/08/24 15:15 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4  |     | 1               | 781099       | SJ      | EET CHI | 08/12/24 16:41                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 780445       | BDE     | EET CHI | 08/08/24 09:16 - 08/08/24 15:16 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 780867       | RN      | EET CHI | 08/09/24 19:00                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 780445       | BDE     | EET CHI | 08/08/24 09:16 - 08/08/24 15:16 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 781097       | RN      | EET CHI | 08/12/24 15:01                               |
| Total/NA          | Prep       | 7470A          |     |                 | 780506       | MJG     | EET CHI | 08/08/24 12:00 - 08/08/24 14:00 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A          |     | 1               | 780728       | MJG     | EET CHI | 08/09/24 07:09                               |
| Total/NA          | Analysis   | 300.0          |     | 5               | 780474       | LEG     | EET CHI | 08/08/24 18:25                               |
| Total/NA          | Analysis   | SM 2320B       |     | 1               | 782341       | ER      | EET CHI | 08/19/24 16:43                               |
| Total/NA          | Analysis   | SM 2540C       |     | 1               | 780361       | CLB     | EET CHI | 08/08/24 01:01                               |
| Total/NA          | Analysis   | SM 4500 F C    |     | 1               | 781815       | SO      | EET CHI | 08/15/24 15:42                               |
| Total/NA          | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 08/06/24 11:20                               |

**Client Sample ID: HEN\_52**

**Date Collected: 08/06/24 12:05**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-37**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7          |     |                 | 780356       | S1Z     | EET CHI | 08/08/24 09:15 - 08/08/24 15:15 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4  |     | 1               | 781099       | SJ      | EET CHI | 08/12/24 17:16                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 780445       | BDE     | EET CHI | 08/08/24 09:16 - 08/08/24 15:16 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 780867       | RN      | EET CHI | 08/09/24 19:21                               |
| Total/NA          | Prep       | 7470A          |     |                 | 780506       | MJG     | EET CHI | 08/08/24 12:00 - 08/08/24 14:00 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A          |     | 1               | 780728       | MJG     | EET CHI | 08/09/24 07:26                               |
| Total/NA          | Analysis   | 300.0          |     | 5               | 780474       | LEG     | EET CHI | 08/08/24 20:15                               |
| Total/NA          | Analysis   | SM 2320B       |     | 1               | 782341       | ER      | EET CHI | 08/19/24 16:53                               |
| Total/NA          | Analysis   | SM 2540C       |     | 1               | 780361       | CLB     | EET CHI | 08/08/24 01:17                               |
| Total/NA          | Analysis   | SM 4500 F C    |     | 1               | 781815       | SO      | EET CHI | 08/15/24 15:52                               |
| Total/NA          | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 08/06/24 12:05                               |

**Client Sample ID: HEN\_54**

**Date Collected: 08/06/24 10:40**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-38**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method  | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|---------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7         |     |                 | 780356       | S1Z     | EET CHI | 08/08/24 09:15 - 08/08/24 15:15 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4 |     | 1               | 781099       | SJ      | EET CHI | 08/12/24 17:20                               |
| Total Recoverable | Prep       | 3005A         |     |                 | 780445       | BDE     | EET CHI | 08/08/24 09:16 - 08/08/24 15:16 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B         |     | 1               | 780867       | RN      | EET CHI | 08/09/24 19:23                               |
| Total/NA          | Prep       | 7470A         |     |                 | 780506       | MJG     | EET CHI | 08/08/24 12:00 - 08/08/24 14:00 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A         |     | 1               | 780728       | MJG     | EET CHI | 08/09/24 07:28                               |
| Total/NA          | Analysis   | 300.0         |     | 5               | 780474       | LEG     | EET CHI | 08/08/24 20:30                               |
| Total/NA          | Analysis   | SM 2320B      |     | 1               | 782341       | ER      | EET CHI | 08/19/24 17:03                               |

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# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-8  
SDG: HEN\_845\_803

**Client Sample ID: HEN\_54**

**Date Collected: 08/06/24 10:40**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-38**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | SM 2540C       |     | 1               | 780361       | CLB     | EET CHI | 08/08/24 01:20       |
| Total/NA  | Analysis   | SM 4500 F C    |     | 1               | 781815       | SO      | EET CHI | 08/15/24 15:56       |
| Total/NA  | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 08/06/24 10:40       |

**Client Sample ID: HEN\_54\_FD**

**Date Collected: 08/06/24 10:45**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-39**

**Matrix: Water**

| Prep Type         | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-------------------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total Recoverable | Prep       | 200.7          |     |                 | 780356       | S1Z     | EET CHI | 08/08/24 09:15 - 08/08/24 15:15 <sup>1</sup> |
| Total Recoverable | Analysis   | 200.7 Rev 4.4  |     | 1               | 781099       | SJ      | EET CHI | 08/12/24 17:24                               |
| Total Recoverable | Prep       | 3005A          |     |                 | 780445       | BDE     | EET CHI | 08/08/24 09:16 - 08/08/24 15:16 <sup>1</sup> |
| Total Recoverable | Analysis   | 6020B          |     | 1               | 780867       | RN      | EET CHI | 08/09/24 19:26                               |
| Total/NA          | Prep       | 7470A          |     |                 | 780506       | MJG     | EET CHI | 08/08/24 12:00 - 08/08/24 14:00 <sup>1</sup> |
| Total/NA          | Analysis   | 7470A          |     | 1               | 780728       | MJG     | EET CHI | 08/09/24 07:30                               |
| Total/NA          | Analysis   | 300.0          |     | 5               | 780474       | LEG     | EET CHI | 08/08/24 20:46                               |
| Total/NA          | Analysis   | SM 2320B       |     | 1               | 782341       | ER      | EET CHI | 08/19/24 17:13                               |
| Total/NA          | Analysis   | SM 2540C       |     | 1               | 780361       | CLB     | EET CHI | 08/08/24 01:22                               |
| Total/NA          | Analysis   | SM 4500 F C    |     | 1               | 781815       | SO      | EET CHI | 08/15/24 16:01                               |
| Total/NA          | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 08/06/24 10:45                               |

**Client Sample ID: HEN\_55**

**Date Collected: 07/15/24 11:45**

**Date Received: 07/16/24 13:05**

**Lab Sample ID: 500-253560-47**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 07/15/24 11:45       |

**Client Sample ID: HEN\_XSG01**

**Date Collected: 07/15/24 11:20**

**Date Received: 07/16/24 13:05**

**Lab Sample ID: 500-253560-48**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 07/15/24 11:20       |

**Client Sample ID: HEN\_YSG\_ILRIVER**

**Date Collected: 07/15/24 12:30**

**Date Received: 07/16/24 13:05**

**Lab Sample ID: 500-253560-49**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method   | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|----------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | Field Sampling |     | 1               | 781194       | DN      | EET CHI | 07/15/24 12:30       |

<sup>1</sup> This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

## Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Eurofins Chicago

# Accreditation/Certification Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
Q3 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-8  
SDG: HEN\_845\_803

## Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|---------------------------------|
| Illinois                                                                                                                                                                                              | NELAP       | IL00035               | 05-31-25                        |
| The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification. |             |                       |                                 |
| Analysis Method                                                                                                                                                                                       | Prep Method | Matrix                | Analyte                         |
| 200.7 Rev 4.4                                                                                                                                                                                         | 200.7       | Water                 | Lithium                         |
| Field Sampling                                                                                                                                                                                        |             | Water                 | Depth to Water (ft from MP)     |
| Field Sampling                                                                                                                                                                                        |             | Water                 | Field pH                        |
| Field Sampling                                                                                                                                                                                        |             | Water                 | Field Temperature               |
| Field Sampling                                                                                                                                                                                        |             | Water                 | Oxidation Reduction Potential   |
| Field Sampling                                                                                                                                                                                        |             | Water                 | Oxygen, Dissolved               |
| Field Sampling                                                                                                                                                                                        |             | Water                 | Specific Conductance            |
| Field Sampling                                                                                                                                                                                        |             | Water                 | Turbidity                       |
| SM 2320B                                                                                                                                                                                              |             | Water                 | Bicarbonate Alkalinity as CaCO3 |
| SM 2320B                                                                                                                                                                                              |             | Water                 | Carbonate Alkalinity as CaCO3   |

**The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately**

Page 1 of 3

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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**

500-253560

ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 3, 2024

HENNEPIN POWER PLANT, EAST ASH POND

HEB-845-803

## Section A

### Required Client Information

**Section B**  
**Required Project Information.**

**Section C**  
**Invoice Information:**

Page 2 of 3

|                                               |      |                                                            |                                  |                          |                     |                       |
|-----------------------------------------------|------|------------------------------------------------------------|----------------------------------|--------------------------|---------------------|-----------------------|
| Company: <b>Vistra Corp-Hennepin</b>          |      | Report To: <b>Brian Voelker</b>                            | Attention: <b>Brian Voelker</b>  |                          |                     |                       |
| Address: <b>13498 E 800th St</b>              |      | Copy To: <b>Sam Davies samantha.davies@visstracorp.com</b> | Company Name: <b>Vistra Corp</b> | <b>REGULATORY AGENCY</b> |                     |                       |
| <b>Hennepin, IL 61327</b>                     |      | <b>Jason Stuckey &amp; Michael Olle</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> |      | Purchase Order No.: <b>michael.olle@visstracorp.com</b>    | Quote Reference:                 | <b>UST</b>               | <b>RCRA</b>         | <b>OTHER</b>          |
| Phone: <b>(217) 753-8911</b>                  | Fax: | Project Name: <b>Jason.Stuckey@visstracorp.com</b>         | Project Manager:                 | <b>Site Location</b>     |                     |                       |
| <b>Requested Due Date/TAT 10 day</b>          |      | Project Number: <b>50023030</b>                            | Profile #:                       | <b>STATE:</b>            | <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<br>MATRIX CODE<br>DRINKING WATER DW<br>WATER WT<br>WASTEWATER WW<br>PRODUCT P<br>SOIL/SOLID SL<br>OIL OL<br>WIPE WP<br>AIR AR<br>OTHER OT<br>TISSUE TS | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |       | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |                   |                       |                                               |                      |       | Y/N<br>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 |                        | HEN-257-801                       | HEN-257-802 | HEN-257-803 | HEN-257-804      | HEN-811-801 | HEN-845-802-805 | HEN-845-803 | HEN-845-804 | HEN-WPCP-East | HEN-WPCP-West | HEN-000-RAD | HEN-000 |  |  |  |  |                         |                       |
|                                      |                                                                                                                |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               |                      |       |                        |                                   |             |             |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 1                                    | HEN_21R                                                                                                        |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             | X           | X                | X           | H               | MS/MSD      |             |               |               |             |         |  |  |  |  |                         |                       |
| 2                                    | HEN_22                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             | X           | X                | H           |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 3                                    | HEN_22&D                                                                                                       |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             | X           | X                | H           |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 4                                    | HEN_23                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             | X           | X                | H           |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 5                                    | HEN_25                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             |             |                  | J           | DTW Only        |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 6                                    | HEN_26                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             |             |                  | J           | DTW Only        |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 7                                    | HEN_27                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        | X                                 | X           | X           | H                |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 8                                    | HEN_30                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             |             | J                | DTW Only    |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 9                                    | HEN_31                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             |             | J                | DTW Only    |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 10                                   | HEN_32                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        | X                                 | X           | H           |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 11                                   | HEN_33                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             | J           | DTW Only         |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 12                                   | HEN_34                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        | X                                 | X           | H           |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 13                                   | HEN_35                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        | X                                 | X           | H           |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 14                                   | HEN_35_FD                                                                                                      |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        | X                                 | X           | H           |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 15                                   | HEN_36                                                                                                         |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             | J           | DTW Only         |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 16                                   | HEN_40#C                                                                                                       |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               | X                    |       |                        |                                   |             | F           | SHORT HOLD - NO2 |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| ADDITIONAL COMMENTS                  |                                                                                                                | RELINQUISHED BY / AFFILIATION                                                                                                                                             |                                          |                             | DATE      | TIME  | ACCEPTED BY / AFFILIATION |                 |               | DATE                           | TIME             | SAMPLE CONDITIONS |                       |                                               |                      |       |                        |                                   |             |             |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| HEN-24Q3 Rev 1                       |                                                                                                                | Lorne Filawicz                                                                                                                                                            |                                          |                             | 7-15-24   | 1700  | Jigman EET                |                 |               | 7/16/24                        | 11:05            |                   |                       |                                               |                      |       |                        |                                   |             |             |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
|                                      |                                                                                                                | DCU Jigman EET                                                                                                                                                            |                                          |                             | 7/16/24   | 13:05 | Jigman EET                |                 |               | 7/16/24                        | 1305             |                   |                       |                                               |                      |       |                        |                                   |             |             |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| 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 Lorne Filawicz |                                                                                                                |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               |                      |       |                        |                                   |             |             |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| SIGNATURE of SAMPLER [Signature]     |                                                                                                                |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               |                      |       |                        |                                   |             |             |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |
| DATE Signed (MM/DD/YY) 7-15-24       |                                                                                                                |                                                                                                                                                                           |                                          |                             |           |       |                           |                 |               |                                |                  |                   |                       |                                               |                      |       |                        |                                   |             |             |                  |             |                 |             |             |               |               |             |         |  |  |  |  |                         |                       |

500-253560  
HEN-24Q3

# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

## Section A Required Client Information.

Company: Visira Corp-Hennepin  
Address: 13498 E 800th St  
Hennepin, IL 61327  
Email To: Brian.Voelker@VisiraCorp.com  
Phone: (217) 753-8911 Fax:  
Requested Due Date/TAT: 10 day

## Section B Required Project Information.

Report To: Brian Voelker  
Copy To: Sam Davies samantha.davies@visiracorp.com  
Jason Stuckey & Michael Olie  
Purchase Order No. michael.olie@visiracorp.com  
Project Name: Jason.Stuckey@visiracorp.com  
Project Number: 50023030

## Section C Invoice Information.

Attention: Brian Voelker  
Company Name: Visira Corp  
Address: see Section A  
Quote Reference:  
Project Manager:  
Profile #:

Page 3 of 3

| 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) |   |   |   |   |   |   |   |   |   |  |  | Project No./ Lab I.D |
|--------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------|------|------|---------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------|---|---|---|---|---|---|---|---|---|--|--|----------------------|
|        |                                                           |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   |   |   |   |   |  |  |                      |
|        | SAMPLE ID<br>(A-Z, 0-9 / . )<br>Sample IDs MUST BE UNIQUE | DRINKING WATER DW<br>WASTE WATER WW<br>PRODUCT P<br>SOIL/SOLID SL<br>OIL OL<br>WIPE WP<br>AIR AR<br>OTHER OT<br>TISSUE TS |           |      |      |                           |                 | Unpreserved<br>H <sub>2</sub> SO <sub>4</sub><br>HNO <sub>3</sub><br>HCl<br>NaOH<br>Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>Methanol<br>Other |               |                                   |   |   |   |   |   |   |   |   |   |  |  |                      |
| 1      | <del>HEN-45#S</del>                                       |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               | X                                 |   |   |   |   |   |   |   |   |   |  |  | SHORT HOLD - NO2     |
| 2      | <del>HEN-46</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   | X |   |   |   |   |   |   |   |   |  |  |                      |
| 3      | <del>HEN-47</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   | X |   |   |   |   |   |   |   |  |  |                      |
| 4      | <del>HEN-48R</del>                                        |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               | X                                 |   |   |   |   |   |   |   |   |   |  |  |                      |
| 5      | <del>HEN-49</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   | X |   |   |   |   |   |   |   |  |  | MS/MSD               |
| 6      | <del>HEN-50</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   | X |   |   |   |   |   |   |  |  |                      |
| 7      | <del>HEN-51</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   | X |   |   |   |   |   |   |  |  |                      |
| 8      | <del>HEN-52</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   | X |   |   |   |   |   |  |  |                      |
| 9      | <del>HEN-54</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   | X |   |   |   |   |  |  |                      |
| 10     | <del>HEN-54_FD</del>                                      |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   | X |   |   |   |  |  |                      |
| 11     | <del>HEN-56</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   |   |   |   |   |  |  | DTW Only             |
| 12     | <del>HEN-YSQ-ILRIVER</del>                                |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   | X | X | X | X | X | X | X | X | X |  |  | DTW Only             |
| 13     | <del>HEN-XSQ01</del>                                      |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   | X |   |   |   |   |   |   |  |  | DTW Only             |
| 14     | <del>FB</del>                                             |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   | X | X |   |   |   |   |  |  | SHORT HOLD - NO2     |
| 15     | <del>TB1</del>                                            |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   |   | X |   |   |  |  | BTEX Only            |
| 16     | <del>TB2</del>                                            |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   |   |   | X |   |  |  | BTEX Only            |

| ADDITIONAL COMMENTS        | RELINQUISHED BY / AFFILIATION | DATE    | TIME  | ACCEPTED BY / AFFILIATION | DATE    | TIME  | SAMPLE CONDITIONS      |                       |                             |                      |
|----------------------------|-------------------------------|---------|-------|---------------------------|---------|-------|------------------------|-----------------------|-----------------------------|----------------------|
| HEN-24Q3 Rev 1             | Lorne F. Lewis                | 7-15-24 | 17:00 | ETA                       | 7/16/24 | 11:05 |                        |                       |                             |                      |
|                            | ETA                           | 7/16/24 | 13:05 | ETA                       | 7/16/24 | 13:05 |                        |                       |                             |                      |
| SAMPLER NAME AND SIGNATURE |                               |         |       |                           |         |       | Temp in °C             | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER      |                               |         |       |                           |         |       |                        |                       |                             |                      |
| SIGNATURE of SAMPLER       |                               |         |       |                           |         |       | DATE Signed (MM/DD/YY) |                       |                             |                      |



CHAIN-OF-CUSTODY / Analytical Request Document

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: <u>Visira Corp-Hennepin</u>             |  | Report To: <u>Brian Voelker</u>                           |  | Attention: <u>Brian Voelker</u>         |  |
| Address: <u>13498 E 800th St</u>                 |  | Copy To: <u>Sam Davies samantha.davies@visiracorp.com</u> |  | Company Name: <u>Visira Corp</u>        |  |
| <u>Hennepin, IL 61327</u>                        |  | <u>Jason Stuckey &amp; Michael Oile</u>                   |  | Address: <u>see Section A</u>           |  |
| Email To: <u>Brian.Voelker@VisiraCorp.com</u>    |  | Purchase Order No. <u>michael.oile@visiracorp.com</u>     |  | Quote Reference                         |  |
| Phone: <u>(217) 753-8911</u> Fax:                |  | Project Name: <u>Jason.Stuckey@visiracorp.com</u>         |  | Project Manager:                        |  |
| Requested Due Date/TAT: <u>10 day</u>            |  | Project Number: <u>50023030</u>                           |  | Profile #:                              |  |
|                                                  |  |                                                           |  | 500-253560 COC                          |  |
|                                                  |  |                                                           |  | <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<br>DRINKING WATER DW<br>WASTE WATER WW<br>PRODUCT P<br>SOIL/SOLID SL<br>OIL OL<br>WIPE WP<br>AIR AR<br>OTHER OT<br>TISSUE TS | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE<br>(G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |                                               |          | Y/N<br>Analysis Test ↓ | Requested Analysis Filtered (Y/N) |             |             |             |             |             |                 |             |             |               |               |             | Residual Chlorine (Y/N) | Project No./ Lab I D. |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|        |                                          |                                                                                                                                                                |                                          |                                | 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                             | HEN-257-801 | HEN-257-802 | HEN-257-803 | HEN-257-804 | HEN-811-801 | HEN-845-802-805 | HEN-845-803 | HEN-845-804 | HEN-WPCP-East | HEN-WPCP-West | HEN-000-RAD |                         |                       | HEN-000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|        |                                          |                                                                                                                                                                |                                          |                                |           |      |                           |                 |               |                                |                  |     |      |                                               |          |                        |                                   |             |             |             |             |             |                 |             |             |               |               |             |                         |                       |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1      | HEN_02                                   |                                                                                                                                                                |                                          |                                | 7-16-24   | 0825 |                           |                 |               |                                |                  |     |      |                                               |          |                        |                                   |             |             |             |             |             |                 |             |             |               |               |             |                         |                       |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|                                             |  |                                       |  |
|---------------------------------------------|--|---------------------------------------|--|
| SAMPLER NAME AND SIGNATURE                  |  |                                       |  |
| PRINT Name of SAMPLER <u>Lorne Filawicz</u> |  |                                       |  |
| SIGNATURE of SAMPLER <u>Lorne Filawicz</u>  |  | DATE Signed (MM/DD/YY) <u>7/16/24</u> |  |

0.1 → 0.2, 1.0 → 0.9, 3.2 → 3.1, 1.0 → 0.9, 0.9 → 0.8, 1.7 → 1.6





**The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately**

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| 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>WIPE WP<br>AIR AR<br>OTHER OT<br>TISSUE TS | 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>↓ 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                |                                           | HEN-257-801                       | HEN-257-802 | HEN-257-803 | HEN-257-804 | HEN-811-801 | HEN-845-802-805 | HEN-845-803 | HEN-845-804 | HEN-WPCP-East | HEN-WPCP-West | HEN-000-RAD | HEN-000          |                  |  |  |  |                         |                       |
|                                      |                                                                                                          |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             |                 |             |             |               |               |             |                  |                  |  |  |  |                         |                       |
| 1                                    | HEN_45#S                                                                                                 |                                                                                                                                                                            |                                          |                             | 7-16-24   | 0842                      |                           |                 |               |                                |                  |                       |      |                                               |          | X                    |                                           |                                   |             |             |             |             |                 |             |             |               |               |             | B                | SHORT HOLD - NO2 |  |  |  |                         |                       |
| 2                                    | HEN_46                                                                                                   |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      | X                                         |                                   |             | X           |             |             |                 | X           | G           |               |               | C           |                  |                  |  |  |  |                         |                       |
| 3                                    | HEN_47                                                                                                   |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           | X                                 |             |             |             |             | X               | G           |             |               | I             |             |                  |                  |  |  |  |                         |                       |
| 4                                    | HEN_48R                                                                                                  |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          | X                    |                                           |                                   |             |             |             |             |                 |             |             |               | I             |             |                  |                  |  |  |  |                         |                       |
| 5                                    | HEN_49                                                                                                   |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   | X           |             |             |             | X               | X           | H           |               |               | H           | M8/M8D           |                  |  |  |  |                         |                       |
| 6                                    | HEN_50                                                                                                   |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   | X           |             |             |             | X               | X           | H           |               |               | H           |                  |                  |  |  |  |                         |                       |
| 7                                    | HEN_51                                                                                                   |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             | X               | X           | H           |               |               | H           |                  |                  |  |  |  |                         |                       |
| 8                                    | HEN_52                                                                                                   |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             | X               | G           |             |               |               | G           |                  |                  |  |  |  |                         |                       |
| 9                                    | HEN_54                                                                                                   |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             | X               | G           |             |               |               | G           |                  |                  |  |  |  |                         |                       |
| 10                                   | HEN_54-FB                                                                                                |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             | X               | G           |             |               |               | G           |                  |                  |  |  |  |                         |                       |
| 11                                   | HEN_55                                                                                                   |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             |                 | J           |             |               |               | J           | DTW Only         |                  |  |  |  |                         |                       |
| 12                                   | HEN_YSG ILRIVER                                                                                          |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          | X                    | X                                         | X                                 | X           | X           | X           | X           | X               | X           | J           |               |               | J           | DTW Only         |                  |  |  |  |                         |                       |
| 13                                   | HEN_XSG01                                                                                                |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           | X                                 |             |             |             |             |                 | J           |             |               |               | J           | DTW Only         |                  |  |  |  |                         |                       |
| 14                                   | FB                                                                                                       |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             | X               | C           |             |               |               | C           | SHORT HOLD - NO2 |                  |  |  |  |                         |                       |
| 15                                   | TB1                                                                                                      |                                                                                                                                                                            |                                          |                             |           | 07-16-24                  | 00:00                     |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             | X               | A           |             |               |               | A           | BTEX Only        |                  |  |  |  |                         |                       |
| 16                                   | TB2                                                                                                      |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             | X               | A           |             |               |               | A           | BTEX Only        |                  |  |  |  |                         |                       |
| ADDITIONAL COMMENTS                  |                                                                                                          | RELINQUISHED BY / AFFILIATION                                                                                                                                              |                                          | DATE                        | TIME      | ACCEPTED BY / AFFILIATION |                           | DATE            | TIME          | SAMPLE CONDITIONS              |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             |                 |             |             |               |               |             |                  |                  |  |  |  |                         |                       |
| HEN-24Q3 Rev 1                       |                                                                                                          | Lorne F. Lewis                                                                                                                                                             |                                          | 7/16/24                     | 1546      | [Signature]               |                           | 7/17/24         | 0940          |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             |                 |             |             |               |               |             |                  |                  |  |  |  |                         |                       |
| 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 Lorne F. Lewis |                                                                                                          |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               |                                |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             |                 |             |             |               |               |             |                  |                  |  |  |  |                         |                       |
| SIGNATURE of SAMPLER [Signature]     |                                                                                                          |                                                                                                                                                                            |                                          |                             |           |                           |                           |                 |               | DATE Signed (MM/DD/YY) 7/16/24 |                  |                       |      |                                               |          |                      |                                           |                                   |             |             |             |             |                 |             |             |               |               |             |                  |                  |  |  |  |                         |                       |

## CHAIN-OF-CUSTODY / Analytical Request Document

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500-253560

|                                                                                          |                                                                                                 |                             |                                                                                                       |              |                |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------|--------------|----------------|
| <b>Section A</b>                                                                         | <b>Section B</b>                                                                                | <b>Section C</b>            | <b>Page 1 of 3</b>                                                                                    |              |                |
| <b>Required Client Information:</b>                                                      | <b>Required Project Information</b>                                                             | <b>Invoice Information:</b> |                                                                                                       |              |                |
| Company: Vistra Corp-Hennepin                                                            | Report To: Brian Voelker                                                                        | Attention: Brian Voelker    | <br>500-253560 COC |              |                |
| Address 13498 E 800th St                                                                 | Copy To: Sam Davies samantha.davies@vistracorp.com                                              | Company Name: Vistra Corp   |                                                                                                       |              |                |
| Hennepin, IL 61327                                                                       | Jason Stuckey & Michael Olle                                                                    | Address see Section A       |                                                                                                       |              |                |
| Email To: <a href="mailto:Brian.Voelker@VistraCorp.com">Brian.Voelker@VistraCorp.com</a> | Purchase Order No. <a href="mailto:michael.olle@vistracorp.com">michael.olle@vistracorp.com</a> | Quote Reference.            |                                                                                                       |              |                |
| Phone (217) 753-8911 Fax:                                                                | Project Name <a href="mailto:Jason.Stuckey@vistracorp.com">Jason.Stuckey@vistracorp.com</a>     | Project Manager             |                                                                                                       |              |                |
| Requested Due Date/TAT 10 day                                                            | Project Number: 50023030                                                                        | Profile #:                  |                                                                                                       |              |                |
|                                                                                          |                                                                                                 |                             | <b>REGULATORY AGENCY</b>                                                                              |              |                |
|                                                                                          |                                                                                                 |                             | NPDES                                                                                                 | GROUND WATER | DRINKING WATER |
|                                                                                          |                                                                                                 |                             | UST                                                                                                   | RCRA         | OTHER          |
|                                                                                          |                                                                                                 |                             | Site Location                                                                                         | IL           |                |
|                                                                                          |                                                                                                 |                             | STATE:                                                                                                |              |                |

[illegible]

|                            |  |             |                       |                             |                      |
|----------------------------|--|-------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE |  | Temp. in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER      |  |             |                       |                             |                      |
| SIGNATURE of SAMPLER       |  |             |                       |                             |                      |
| DATE Signed (MM/DD/YY)     |  |             |                       |                             |                      |

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| 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>WASTEWATER WW<br>PRODUCT P<br>SOIL/SOLID SL<br>OIL OL<br>WIPE WP<br>AIR AR<br>OTHER OT<br>TISSUE TS | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |         | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS           | Preservatives |                    |                   |                  |                   |                      |          |       | Y/N<br>Analysis Test ↓ | Requested Analysis Filtered (Y/N) |             |             |             |             |                 |                  |             |               |               |             |         |                         |                       |  |  |
|---------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------|-----------|---------|---------------------------|---------------------------|---------------|--------------------|-------------------|------------------|-------------------|----------------------|----------|-------|------------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------------|------------------|-------------|---------------|---------------|-------------|---------|-------------------------|-----------------------|--|--|
|                     |                                                                                                          |                                                                                                                                                                           |                                          |                             | DATE      | TIME    |                           |                           | Unpreserved   | <chem>H2SO4</chem> | <chem>HNO3</chem> | <chem>HCl</chem> | <chem>NaOH</chem> | <chem>Na2S2O3</chem> | Methanol | Other |                        | HEN-257-801                       | HEN-257-802 | HEN-257-803 | HEN-257-804 | HEN-811-801 | HEN-845-802-805 | HEN-845-803      | HEN-845-804 | HEN-WPCP-East | HEN-WPCP-West | HEN-000-RAD | HEN-000 | Residual Chlorine (Y/N) | Project No./ Lab I.D. |  |  |
|                     |                                                                                                          |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   |                      |          |       |                        |                                   |             |             |             |             |                 |                  |             |               |               |             |         |                         |                       |  |  |
| 1                   | HEN_21R                                                                                                  |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        | X                                 |             | X           | X           | F           |                 | MS/MSD           |             |               |               |             |         |                         |                       |  |  |
| 2                   | HEN_22                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        | X                                 |             | X           | X           | F           |                 |                  |             |               |               |             |         |                         |                       |  |  |
| 3                   | HEN_22&D                                                                                                 |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        | X                                 |             | X           | X           | F           |                 |                  |             |               |               |             |         |                         |                       |  |  |
| 4                   | HEN_23                                                                                                   |                                                                                                                                                                           |                                          |                             |           | 7-18-24 | 0945                      |                           |               |                    |                   |                  |                   | X                    |          |       |                        | X                                 |             | X           | X           | H           |                 |                  |             |               |               |             |         |                         |                       |  |  |
| 5                   | HEN_25                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        |                                   |             |             |             | J           |                 | DTW Only         |             |               |               |             |         |                         |                       |  |  |
| 6                   | HEN_26                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        |                                   |             |             |             | J           |                 | DTW Only         |             |               |               |             |         |                         |                       |  |  |
| 7                   | HEN_27                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        | X                                 |             | X           | X           | H           |                 |                  |             |               |               |             |         |                         |                       |  |  |
| 8                   | HEN_30                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        |                                   |             |             |             | J           |                 | DTW Only         |             |               |               |             |         |                         |                       |  |  |
| 9                   | HEN_31                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        |                                   |             |             |             | J           |                 | DTW Only         |             |               |               |             |         |                         |                       |  |  |
| 10                  | HEN_32                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        | X                                 |             | X           | X           | F           |                 |                  |             |               |               |             |         |                         |                       |  |  |
| 11                  | HEN_33                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        |                                   |             |             |             | J           |                 | DTW Only         |             |               |               |             |         |                         |                       |  |  |
| 12                  | HEN_34                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        | X                                 |             | X           | X           | H           |                 |                  |             |               |               |             |         |                         |                       |  |  |
| 13                  | HEN_35                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        | X                                 |             | X           | X           | F           |                 |                  |             |               |               |             |         |                         |                       |  |  |
| 14                  | HEN_35 FD                                                                                                |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        | X                                 |             | X           | X           | H           |                 |                  |             |               |               |             |         |                         |                       |  |  |
| 15                  | HEN_36                                                                                                   |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        |                                   |             |             |             | J           |                 | DTW Only         |             |               |               |             |         |                         |                       |  |  |
| 16                  | HEN_40#S                                                                                                 |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                    |                   |                  |                   | X                    |          |       |                        | X                                 |             |             |             | F           |                 | SHORT HOLD - NO2 |             |               |               |             |         |                         |                       |  |  |
| ADDITIONAL COMMENTS |                                                                                                          | RELINQUISHED BY / AFFILIATION                                                                                                                                             |                                          |                             |           | DATE    | TIME                      | ACCEPTED BY / AFFILIATION |               |                    |                   | DATE             | TIME              | SAMPLE CONDITIONS    |          |       |                        |                                   |             |             |             |             |                 |                  |             |               |               |             |         |                         |                       |  |  |
| HEN-24Q3 Rev 1      |                                                                                                          | Conekulewicz                                                                                                                                                              |                                          |                             |           | 7-19-24 | 1300                      | Shirley Smith             |               |                    |                   | 7/18/24          | 1300              |                      |          |       |                        |                                   |             |             |             |             |                 |                  |             |               |               |             |         |                         |                       |  |  |

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| REGULATORY AGENCY      |              |                |
|------------------------|--------------|----------------|
| NPDES                  | GROUND WATER | DRINKING WATER |
| UST                    | RCRA         | OTHER          |
| Site Location<br>STATE | IL           |                |

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58 → 57, 18 → 17, 58 → 57  
62 → 59, 43 → 42

## CHAIN-OF-CUSTODY / Analytical Request Document

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R PLANT, EAST ASH POND  
500-253560 HELI-845803

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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: |  | <div> <div>Page</div> <div>2</div> <div>of</div> <div>3</div> </div> |  |
| Company: <b>Vistra Corp-Hennepin</b>                 |  | Report To: <b>Brian Voelker</b>                               |  | Attention: <b>Brian Voelker</b>          |  | <b>REGULATORY AGENCY</b>                                             |  |
| Address: <b>13498 E 800th St</b>                     |  | Copy To: <b>Sam Davies samantha.davies@vistracorp.com</b>     |  | Company Name: <b>Vistra Corp</b>         |  |                                                                      |  |
| <b>Hennepin, IL 61327</b>                            |  | <b>Jason Stuckey &amp; Michael Olle</b>                       |  | Address: <b>see Section A</b>            |  | <b>NPDES</b> <b>GROUND WATER</b> <b>DRINKING WATER</b>               |  |
| Email To: <b><u>Brian.Voelker@VistraCorp.com</u></b> |  | Purchase Order No.: <b><u>michael.olle@vistracorp.com</u></b> |  | Quote Reference                          |  | <b>UST</b> <b>RCRA</b> <b>OTHER</b>                                  |  |
| Phone: <b>(217) 753-8911</b> Fax:                    |  | Project Name: <b><u>Jason.Stuckey@vistracorp.com</u></b>      |  | Project Manager:                         |  | <b>Site Location</b>                                                 |  |
| <b>Requested Due Date/TAT</b> <b>10 day</b>          |  | Project Number: <b>50023030</b>                               |  | Profile #:                               |  | <b>STATE</b> <b>IL</b>                                               |  |

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|                                  |                           |            |                          |                                   |                         |
|----------------------------------|---------------------------|------------|--------------------------|-----------------------------------|-------------------------|
| SAMPLER NAME AND SIGNATURE       |                           | Temp in °C | Received on<br>Ice (Y/N) | Custody<br>Sealed<br>Cooler (Y/N) | Samples<br>Intact (Y/N) |
| PRINT Name of SAMPLER            |                           |            |                          |                                   |                         |
| SIGNATURE of SAMPLER             | DATE Signed<br>(MM/DD/YY) |            |                          |                                   |                         |
| Lorne Filawicz<br>Lorne Filawicz |                           |            |                          |                                   |                         |
|                                  | 8-7-24                    |            |                          |                                   |                         |

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## Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-253560-8  
SDG Number: HEN\_845\_803

**Login Number: 253560**

**List Number: 1**

**Creator: Scott, Sherri L**

**List Source: Eurofins Chicago**

| Question                                                                                 | Answer | Comment                                                                      |
|------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |                                                                              |
| The cooler's custody seal, if present, is intact.                                        | True   |                                                                              |
| Sample custody seals, if present, are intact.                                            | True   |                                                                              |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |                                                                              |
| Samples were received on ice.                                                            | False  | Water present in cooler; indicates evidence of melted ice.                   |
| Cooler Temperature is acceptable.                                                        | False  |                                                                              |
| Cooler Temperature is recorded.                                                          | True   | 4.0,-0.2,0.9,3.1,0.9,0.8,1.6,5.7,11.8,12.7,11.8,9.1,11.3,5.7,1.7,5.7,5.9,4.2 |
| 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?                                              | True   |                                                                              |
| There are no discrepancies between the containers received and the COC.                  | False  |                                                                              |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |                                                                              |
| Sample containers have legible labels.                                                   | True   |                                                                              |
| Containers are not broken or leaking.                                                    | True   |                                                                              |
| Sample collection date/times are provided.                                               | True   |                                                                              |
| Appropriate sample containers are used.                                                  | True   |                                                                              |
| Sample bottles are completely filled.                                                    | True   |                                                                              |
| Sample Preservation Verified.                                                            | True   |                                                                              |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |                                                                              |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | False  |                                                                              |
| Multiphasic samples are not present.                                                     | True   |                                                                              |
| Samples do not require splitting or compositing.                                         | True   |                                                                              |
| Residual Chlorine Checked.                                                               | N/A    |                                                                              |

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WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

|                                             |                 |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
|---------------------------------------------|-----------------|------------------------------------------------|--------------------------|---------------------------------------------------|-----------------|---------------------------------------------------------------------------|---------|----------------------|-------------------------|-----------------------------------------------------------------------------------------------|----------|---------------------|
| PROJECT INFORMATION                         |                 |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
| Site: Hennepin                              |                 | Client: Vistra                                 |                          | Start Date: 7/14/2024 Time: 0805                  |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
| Project Number: 2024.0054                   |                 | Task #: 0805                                   |                          | Finish Date: Same Time: 0805                      |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
| Field Personnel: Lorne T.                   |                 | Time: 0805                                     |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
| WELL INFORMATION                            |                 |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
| Well ID: 02                                 |                 | Casing ID: 2"                                  |                          | Well Development<br>Well Volume Approach Sampling |                 | EVENT TYPE<br>Low-Flow / Low Stress Sampling<br>Other (Specify): Low Flow |         |                      |                         |                                                                                               |          |                     |
| YSI SERIAL NO<br>245160326                  |                 | WATER QUALITY INDICATOR PARAMETERS (continued) |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
| Sampling Stage                              | Minutes Elapsed | Time (military)                                | Volume Removed (gallons) | Depth to Water (feet)                             | Drawdown (feet) | Temp. (°C)                                                                | pH (SU) | SEC or Cond. (µS/cm) | Dissolved Oxygen (mg/L) | Turbidity (NTU)                                                                               | ORP (mV) | Visual Clarity/Odor |
| pre                                         | 0               | 0805                                           |                          | 44.88                                             |                 | 14.4                                                                      | 7.05    | 984                  | 7.05                    | 3.17                                                                                          | 167.8    | Clear               |
| purge                                       | 5               | 0810                                           |                          |                                                   |                 | 14.1                                                                      | 7.05    | 954                  | 7.05                    | 7.40                                                                                          | 169.9    |                     |
|                                             | 10              | 0815                                           |                          | 44.97                                             |                 | 14.1                                                                      | 7.04    | 939                  | 7.04                    | 1.60                                                                                          | 171.0    |                     |
|                                             | 15              | 0820                                           |                          |                                                   |                 | 14.2                                                                      | 7.02    | 938                  | 6.99                    | 1.51                                                                                          | 171.5    |                     |
| *                                           | 20              | 0825                                           |                          | 44.97                                             |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
|                                             | 25              |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
|                                             | 30              |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
|                                             | 35              |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
|                                             | 40              |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
|                                             | 45              |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
|                                             | 50              |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
|                                             | 55              |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
|                                             | 60              |                                                |                          |                                                   |                 |                                                                           |         |                      |                         |                                                                                               |          |                     |
| NOTES (continued)                           |                 |                                                |                          |                                                   |                 |                                                                           |         |                      |                         | ABBREVIATIONS                                                                                 |          |                     |
| Sample ID, date, & time: ID 02 7-16-24 0825 |                 |                                                |                          |                                                   |                 |                                                                           |         |                      |                         | ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units |          |                     |
|                                             |                 |                                                |                          |                                                   |                 |                                                                           |         |                      |                         | Temp - Temperature °C - Degrees Celsius                                                       |          |                     |



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WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                                      |                 |                          |                          |                                  |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
|----------------------------------------------------------|-----------------|--------------------------|--------------------------|----------------------------------|-----------------|-----------------------------------|------------------|-----------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------|
| Site: Hennepin                                           |                 | Client: <u>Visira</u>    |                          |                                  |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
| Project Number: 2024.0054                                |                 | Task #: <u>1045</u>      |                          | Start Date: <u>7/16/2024</u>     |                 | Time: <u>1045</u>                 |                  |                             |                                 |                                                                                                                                       |                  |                     |
| Field Personnel: <u>Lorne</u>                            |                 | Finish Date: <u>Same</u> |                          | Time: <u>1120</u>                |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
| WELL INFORMATION                                         |                 |                          |                          |                                  |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
| Well ID: <u>05F</u>                                      |                 | Casing ID: <u>2"</u>     |                          | EVENT TYPE                       |                 | Low-Flow / Low Stress Sampling    |                  |                             |                                 |                                                                                                                                       |                  |                     |
|                                                          |                 |                          |                          | Other (Specify): <u>Low Flow</u> |                 | YSI SERIAL NO<br><u>24E100326</u> |                  |                             |                                 |                                                                                                                                       |                  |                     |
| WATER QUALITY INDICATOR PARAMETERS (continued)           |                 |                          |                          |                                  |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
| Sampling Stage                                           | Minutes Elapsed | Time (military)          | Volume Removed (gallons) | Depth to Water (feet)            | Drawdown (feet) | Temp. (°C) +/- 10%                | pH (SU) +/- 0.01 | SEC or Cond. (µS/cm) +/- 5% | Dissolved Oxygen (mg/L) +/- 10% | Turbidity (NTU) +/- 10%                                                                                                               | ORP (mV) +/- 10% | Visual Clarity/Odor |
| pre                                                      | 0               | <u>1045</u>              |                          | <u>41.11</u>                     |                 | <u>20.4</u>                       | <u>7.64</u>      | <u>918</u>                  | <u>1.19</u>                     | <u>870</u>                                                                                                                            | <u>160.7</u>     | <u>clear</u>        |
| purge                                                    | 5               | <u>1050</u>              |                          | <u>41.1</u>                      |                 | <u>20.5</u>                       | <u>7.63</u>      | <u>918</u>                  | <u>0.74</u>                     | <u>776</u>                                                                                                                            | <u>160.7</u>     |                     |
|                                                          | 10              | <u>1055</u>              |                          |                                  |                 | <u>20.3</u>                       | <u>7.63</u>      | <u>915</u>                  | <u>0.67</u>                     | <u>701</u>                                                                                                                            | <u>159.3</u>     |                     |
|                                                          | 15              | <u>1100</u>              |                          | <u>41.11</u>                     |                 | <u>20.3</u>                       | <u>7.63</u>      | <u>916</u>                  | <u>0.61</u>                     | <u>586</u>                                                                                                                            | <u>159.2</u>     |                     |
| *                                                        | 20              | <u>1105</u>              |                          |                                  |                 | <u>20.3</u>                       | <u>7.63</u>      | <u>915</u>                  | <u>0.60</u>                     | <u>479</u>                                                                                                                            | <u>158.6</u>     |                     |
|                                                          | 25              | <u>1110</u>              |                          | <u>41.15</u>                     |                 | <u>20.3</u>                       | <u>7.63</u>      | <u>916</u>                  | <u>0.61</u>                     | <u>390</u>                                                                                                                            | <u>158.5</u>     |                     |
|                                                          | 30              | <u>1115</u>              |                          |                                  |                 | <u>20.4</u>                       | <u>7.63</u>      | <u>917</u>                  | <u>0.60</u>                     | <u>335</u>                                                                                                                            | <u>158.5</u>     |                     |
|                                                          | 35              | <u>1120</u>              |                          |                                  |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
|                                                          | 40              |                          |                          |                                  |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
|                                                          | 45              |                          |                          |                                  |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
|                                                          | 50              |                          |                          |                                  |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
|                                                          | 55              |                          |                          |                                  |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
|                                                          | 60              |                          |                          |                                  |                 |                                   |                  |                             |                                 |                                                                                                                                       |                  |                     |
| NOTES (continued)                                        |                 |                          |                          |                                  |                 |                                   |                  |                             |                                 | ABBREVIATIONS                                                                                                                         |                  |                     |
| Sample ID, date, & time: <u>ID 05F 7-16-24 Time 1120</u> |                 |                          |                          |                                  |                 |                                   |                  |                             |                                 | ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units Temp - Temperature °C - Degrees Celsius |                  |                     |

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                                |                 |                               |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
|----------------------------------------------------|-----------------|-------------------------------|--------------------------|--------------------------------|-----------------|--------------------|------------------|-----------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------|---------------------|
| Site: Hennepin                                     |                 | Client: Vistra                |                          | Task #: 1140                   |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
| Project Number: 2024.0054                          |                 | Start Date: 7/16/2024         |                          | Time: 1215                     |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
| Field Personnel: Lorne                             |                 | Finish Date: Same             |                          | Time: 1215                     |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
| WELL INFORMATION                                   |                 |                               |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
| Well ID: 5122                                      |                 | Well Development              |                          | EVENT TYPE                     |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
| Casing ID: 2"                                      |                 | Well Volume Approach Sampling |                          | Low-Flow / Low Stress Sampling |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
|                                                    |                 | Well Volume Approach Sampling |                          | Other (Specify): Low Flow      |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
|                                                    |                 |                               |                          | YSI SERIAL NO 24E100 326       |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
| WATER QUALITY INDICATOR PARAMETERS (continued)     |                 |                               |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
| Heron 12DF2202054 FR                               |                 |                               |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
| Sampling Stage                                     | Minutes Elapsed | Time (military)               | Volume Removed (gallons) | Depth to Water (Feet)          | Drawdown (Feet) | Temp. (°C) +/- 10% | pH (SU) +/- 0.01 | SEC or Cond. (µS/cm) +/- 3% | Dissolved Oxygen (mg/L) +/- 10% | Turbidity (NTU) +/- 10%                                                                                               | ORP (mV) +/- 10% | Visual Clarity/Odor |
| pre                                                | 0               | 1145                          |                          | 41.11                          |                 |                    |                  | 914                         | 3.34                            | 3.36                                                                                                                  | 159.4            | clear               |
| purge                                              | 5               | 1150                          |                          |                                |                 | 20.1               | 7.43             | 914                         | 3.34                            | 3.36                                                                                                                  | 159.4            |                     |
|                                                    | 10              | 1155                          |                          | 41.11                          |                 | 20.0               | 7.41             | 914                         | 3.34                            | 3.36                                                                                                                  | 159.3            |                     |
|                                                    | 15              | 1200                          |                          |                                |                 | 19.9               | 7.41             | 913                         | 3.34                            | 3.36                                                                                                                  | 158.5            |                     |
| *                                                  | 20              | 1205                          |                          | 41.11                          |                 | 19.9               | 7.41             | 913                         | 3.34                            | 3.36                                                                                                                  | 157.8            |                     |
|                                                    | 25              | 1210                          |                          |                                |                 | 19.9               | 7.41             | 913                         | 3.34                            | 3.36                                                                                                                  | 156.8            |                     |
|                                                    | 30              | 1215                          |                          | 41.11                          |                 | 19.9               | 7.41             | 913                         | 3.34                            | 3.36                                                                                                                  | 156.1            |                     |
|                                                    | 35              | 1220                          |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
|                                                    | 40              |                               |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
|                                                    | 45              |                               |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
|                                                    | 50              |                               |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
|                                                    | 55              |                               |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
|                                                    | 60              |                               |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                       |                  |                     |
| NOTES (continued)                                  |                 |                               |                          |                                |                 |                    |                  |                             |                                 | ABBREVIATIONS                                                                                                         |                  |                     |
| Sample ID, date, & time: 7-16-24 Time 1215 ID 5122 |                 |                               |                          |                                |                 |                    |                  |                             |                                 | Cond. - Actual Conductivity<br>FT - Foots below top of Casing<br>mg - Not Applicable<br>mm - Not Measured             |                  |                     |
|                                                    |                 |                               |                          |                                |                 |                    |                  |                             |                                 | ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units<br>°C - Degrees Celsius |                  |                     |



WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

|                                                                                                                                                   |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------------------|---------|----------------------|-------------------------|-----------------|----------|---------------------|
| PROJECT INFORMATION                                                                                                                               |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
| Site: Hennepin                                                                                                                                    |                 | Client: Vista   |                          | Start Date: 7/15/2024 |                 | Time: 1430                     |         |                      |                         |                 |          |                     |
| Project Number: 2024.0054                                                                                                                         |                 | Task #:         |                          | Finish Date: 5 Aug    |                 | Time: 1520                     |         |                      |                         |                 |          |                     |
| Field Personnel: Lorne F                                                                                                                          |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
| WELL INFORMATION                                                                                                                                  |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
| Well ID: 07                                                                                                                                       |                 | Casing ID: 2"   |                          | Inches                |                 | EVENT TYPE                     |         | YSI SERIAL NO        |                         |                 |          |                     |
|                                                                                                                                                   |                 |                 |                          |                       |                 | Low-Flow / Low Stress Sampling |         | 24E100326            |                         |                 |          |                     |
|                                                                                                                                                   |                 |                 |                          |                       |                 | Other (Specify Low-Flow)       |         | 20202054FR           |                         |                 |          |                     |
| WATER QUALITY INDICATOR PARAMETERS (continued)                                                                                                    |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
| Sampling Stage                                                                                                                                    | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C)                     | pH (SU) | SEC or Cond. (µS/cm) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | ORP (mV) | Visual Clarity/Odor |
|                                                                                                                                                   |                 |                 |                          |                       |                 | +/- 0.01                       |         |                      |                         |                 |          |                     |
| pre                                                                                                                                               | 0               | 1430            |                          | 67.77                 |                 | 89.0                           |         |                      |                         |                 |          |                     |
| purge                                                                                                                                             | 5               | 1450            |                          |                       |                 |                                | 6.67    | 1.419                | 7.35                    | 1.66            | 182.2    | Clear               |
|                                                                                                                                                   | 10              | 1455            |                          | 67.77                 |                 | 16.8                           | 6.67    | 1.520                | 7.26                    | 1.99            | 182.7    |                     |
|                                                                                                                                                   | 15              | 1500            |                          |                       |                 | 16.9                           | 6.66    | 1.622                | 7.04                    | 1.67            | 189.6    |                     |
|                                                                                                                                                   | 20              | 1505            |                          | 67.77                 |                 | 16.5                           | 6.65    | 1.655                | 6.85                    | 2.00            | 191.9    |                     |
|                                                                                                                                                   | 25              | 1510            |                          |                       |                 | 16.4                           | 6.65    | 1.659                | 6.84                    | 2.47            | 191.9    |                     |
|                                                                                                                                                   | 30              | 1515            |                          | 67.77                 |                 | 16.4                           | 6.65    | 1.662                | 6.82                    | 2.66            | 192.1    |                     |
|                                                                                                                                                   | 35              | 1520            |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
|                                                                                                                                                   | 40              |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
|                                                                                                                                                   | 45              |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
|                                                                                                                                                   | 50              |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
|                                                                                                                                                   | 55              |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
|                                                                                                                                                   | 60              |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
| NOTES (continued)                                                                                                                                 |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
| Sample ID, date, & time:                                                                                                                          |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
| Sample @ 1520                                                                                                                                     |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
| ABBREVIATIONS                                                                                                                                     |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
| Cond - Actual Conductivity<br>FT BTOC - Feet Below Top of Casing<br>na - Not Applicable<br>mm - Not Measured                                      |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |
| ORP - Oxidation-Reduction Potential<br>SEC - Specific Electrical Conductance<br>SU - Standard Units<br>Temp - Temperature<br>°C - Degrees Celsius |                 |                 |                          |                       |                 |                                |         |                      |                         |                 |          |                     |





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WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                              |                 |                               |                          |                                                                                                                               |                 |                    |                  |                             |                                 |                         |                  |                     |
|--------------------------------------------------|-----------------|-------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|------------------|-----------------------------|---------------------------------|-------------------------|------------------|---------------------|
| Site: Hennepin                                   |                 | Client: Vistra                |                          | Start Date: 7/16/2024                                                                                                         |                 | Time: 1330         |                  |                             |                                 |                         |                  |                     |
| Project Number: 2024.0054                        |                 | Task #:                       |                          | Finish Date: Same                                                                                                             |                 | Time: 1400         |                  |                             |                                 |                         |                  |                     |
| Field Personnel: Corne                           |                 | Finish Date: Same             |                          | Time: 1400                                                                                                                    |                 |                    |                  |                             |                                 |                         |                  |                     |
| WELL INFORMATION                                 |                 |                               |                          | EVENT TYPE                                                                                                                    |                 |                    |                  |                             |                                 |                         |                  |                     |
| Well ID: 08                                      |                 | Well Development              |                          | Low-Flow / Low Stress Sampling                                                                                                |                 | YSI SERIAL NO      |                  |                             |                                 |                         |                  |                     |
| Casing ID: 211                                   |                 | Well Volume Approach Sampling |                          | Other (Specify): Low Flow                                                                                                     |                 | 24E100 324         |                  |                             |                                 |                         |                  |                     |
| WATER QUALITY INDICATOR PARAMETERS (continued)   |                 |                               |                          |                                                                                                                               |                 |                    |                  |                             |                                 |                         |                  |                     |
| Sampling Stage                                   | Minutes Elapsed | Time (military)               | Volume Removed (gallons) | Depth to Water (Feet)                                                                                                         | Drawdown (Feet) | Temp. (°C) +/- 10% | pH (SU) +/- 0.01 | SEC or Cond. (µS/cm) +/- 3% | Dissolved Oxygen (mg/L) +/- 10% | Turbidity (NTU) +/- 10% | ORP (mV) +/- 10% | Visual Clarity/Odor |
| pre                                              | 0               | 1330                          |                          | 53.62                                                                                                                         |                 |                    |                  |                             |                                 |                         |                  | Clear               |
| purge                                            | 5               | 1335                          |                          |                                                                                                                               |                 | 15.0               | 6.65             | 1608                        | 3.77                            | 1.49                    | 188.8            |                     |
|                                                  | 10              | 1340                          |                          | 53.61                                                                                                                         |                 | 17.1               | 6.67             | 1605                        | 2.71                            | 1.35                    | 188.9            |                     |
|                                                  | 15              | 1345                          |                          |                                                                                                                               |                 | 17.8               | 6.66             | 1617                        | 2.31                            | 1.30                    | 189.6            |                     |
| *                                                | 20              | 1350                          |                          | 53.61                                                                                                                         |                 | 18.2               | 6.65             | 1602                        | 2.22                            | 1.37                    | 189.6            |                     |
|                                                  | 25              | 1355                          |                          |                                                                                                                               |                 | 18.1               | 6.65             | 1597                        | 2.22                            | 1.70                    | 189.6            |                     |
|                                                  | 30              | 1400                          |                          | 53.61                                                                                                                         |                 | 18.1               | 6.65             | 1597                        | 2.21                            | 1.78                    | 189.4            |                     |
|                                                  | 35              |                               |                          |                                                                                                                               |                 |                    |                  |                             |                                 |                         |                  |                     |
|                                                  | 40              |                               |                          |                                                                                                                               |                 |                    |                  |                             |                                 |                         |                  |                     |
|                                                  | 45              |                               |                          |                                                                                                                               |                 |                    |                  |                             |                                 |                         |                  |                     |
|                                                  | 50              |                               |                          |                                                                                                                               |                 |                    |                  |                             |                                 |                         |                  |                     |
|                                                  | 55              |                               |                          |                                                                                                                               |                 |                    |                  |                             |                                 |                         |                  |                     |
|                                                  | 60              |                               |                          |                                                                                                                               |                 |                    |                  |                             |                                 |                         |                  |                     |
| NOTES (continued)                                |                 |                               |                          | ABBREVIATIONS                                                                                                                 |                 |                    |                  |                             |                                 |                         |                  |                     |
| Sample ID, date, & time: ID 08 7-16-24 Time 1400 |                 |                               |                          | Cond - Actual Conductivity<br>Ft - Feet Below Top of Casing<br>Ft - Not Measured<br>dm - Not Measured<br>°C - Degrees Celsius |                 |                    |                  |                             |                                 |                         |                  |                     |

## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                                                                                                         |                 |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------------------|---------------------------------------------------|-----------------|------------|---------|-------------------------------------------------------------|-------------------------|-----------------|----------|----------------------------|
| Site: Hennepin                                                                                                              |                 | Client: Vista   |                          | Start Date: 7/16/2024                             |                 | Time: 1510 |         |                                                             |                         |                 |          |                            |
| Project Number: 2024.0054                                                                                                   |                 | Task #:         |                          | Finish Date: 07/16/2024                           |                 | Time: 1538 |         |                                                             |                         |                 |          |                            |
| Field Personnel: G. Acallany                                                                                                |                 |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
| WELL INFORMATION                                                                                                            |                 |                 |                          | EVENT TYPE                                        |                 |            |         |                                                             |                         |                 |          |                            |
| Well ID: HEN-08D                                                                                                            |                 | inches          |                          | Well Development<br>Well Volume Approach Sampling |                 |            |         | Low-Flow / Low Stress Sampling<br>Other (Specify): Low Flow |                         |                 |          | YSI SERIAL NO<br>24A101225 |
| WATER QUALITY INDICATOR PARAMETERS (continued)                                                                              |                 |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
| Sampling Stage                                                                                                              | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet)                             | Drawdown (Feet) | Temp. (°C) | pH (SU) | SEC or Cond. (µS/cm)                                        | Dissolved Oxygen (mg/L) | Turbidity (NTU) | ORP (mv) | Visual Clarity/Odor        |
| pre                                                                                                                         | 0               | 1515            | —                        | 54.09                                             | —               | 15.1       | 7.0     | —                                                           | —                       | —               | —        | —                          |
| purge                                                                                                                       | 5               | 1520            | 0.5                      | 54.05                                             | —               | 15.8       | 6.96    | 1.862                                                       | 3.10                    | 4.62            | 190.0    | clear                      |
| ↓                                                                                                                           | 10              | 1525            | 0.5                      | —                                                 | —               | 15.4       | 6.68    | 1.834                                                       | 0.52                    | 4.23            | 197.7    | clear                      |
| ↓                                                                                                                           | 15              | 1530            | 1                        | 54.09                                             | —               | 15.5       | 6.68    | 1.838                                                       | 0.48                    | 4.67            | 197.8    | ↓                          |
| ↓                                                                                                                           | 20              | 1535            | 1.5                      | 54.08                                             | —               | 15.4       | 6.69    | 1.835                                                       | 0.22                    | 4.64            | 197.1    | ↓                          |
| ↓                                                                                                                           | 25              | 1540            | 1.5                      | 54.06                                             | —               | 15.3       | 6.69    | 1.826                                                       | 0.18                    | 4.56            | 196.1    | ↓                          |
| ↓                                                                                                                           | 30              | 1545            | 2.5                      | 54.08                                             | —               | 15.4       | 6.69    | 1.824                                                       | 0.28                    | 4.91            | 195.6    | ↓                          |
| Final                                                                                                                       | 35              |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
|                                                                                                                             | 40              |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
|                                                                                                                             | 45              |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
|                                                                                                                             | 50              |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
|                                                                                                                             | 55              |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
|                                                                                                                             | 60              |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
| NOTES (continued)                                                                                                           |                 |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
| Sample ID, date, & time: Sample ID: HEN-08D on 7/16/24 Hen-08D                                                              |                 |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
| Sampled at 1546 on 07/16/24                                                                                                 |                 |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
| ABBREVIATIONS                                                                                                               |                 |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
| Cond. - Actual Conductivity<br>PT BOC - Feet Below Top of Casing<br>m - Milligrams per Liter<br>°C - Degrees Celsius        |                 |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |
| ORP - Oxidation-Reduction Potential<br>SEC - Specific Electrical Conductance<br>SU - Standard Units<br>°C - Degrees Celsius |                 |                 |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                            |

## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Visira Start Date: 7/16/2024 Time: 0915  
Project Number: 2024.0054 Task #: Same Finish Date: 0945

## WELL INFORMATION

Field Personnel: Lorne Well ID: 10 Well Development  
Casing ID: 2 Well Volume Approach Sampling

## EVENT TYPE

Low-Flow / Low Stress Sampling  
Other (Specify): Low Flow

YSI SERIAL NO

24E100326

## WATER QUALITY INDICATOR PARAMETERS (continued)

12.DF2202054FFHeron

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.01 | pH (SU) +/- 0.01 | SEC or Cond. (µS/cm) +/- 3% | Dissolved Oxygen (mg/L) +/- 10% | Turbidity (NTU) +/- 10% | ORP (mV) +/- 10% | Visual Clarity/Odor |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|---------------------|------------------|-----------------------------|---------------------------------|-------------------------|------------------|---------------------|
| pre            | 0               | 0915            |                          | 50.67                 |                 | 39%                 | 7.14             | 890                         | 2.67                            | 0.92                    | 176.7            | clear               |
| purge          | 5               | 0926            |                          | 50.65                 |                 | 20.2                | 7.12             | 893                         | 1.17                            | 0.72                    | 176.9            |                     |
|                | 10              | 0925            |                          |                       |                 | 20.3                | 7.12             | 897                         | 0.99                            | 0.75                    | 174.3            |                     |
|                | 15              | 0930            |                          |                       |                 | 20.4                | 7.11             | 895                         | 0.96                            | 0.96                    | 172.4            |                     |
|                | 20              | 0935            |                          |                       |                 | 20.3                | 7.11             | 894                         | 0.94                            | 0.64                    | 171.7            |                     |
|                | 25              | 0940            |                          |                       |                 | 20.3                | 7.11             | 894                         | 0.93                            | 0.81                    | 170.8            |                     |
|                | 30              | 0945            |                          |                       |                 |                     |                  |                             |                                 |                         |                  |                     |
|                | 35              |                 |                          |                       |                 |                     |                  |                             |                                 |                         |                  |                     |
|                | 40              |                 |                          |                       |                 |                     |                  |                             |                                 |                         |                  |                     |
|                | 45              |                 |                          |                       |                 |                     |                  |                             |                                 |                         |                  |                     |
|                | 50              |                 |                          |                       |                 |                     |                  |                             |                                 |                         |                  |                     |
|                | 55              |                 |                          |                       |                 |                     |                  |                             |                                 |                         |                  |                     |
|                | 60              |                 |                          |                       |                 |                     |                  |                             |                                 |                         |                  |                     |

## NOTES (continued)

## ABBREVIATIONS

Cond - Actual Conductivity  
FT BTQC - Feet Below Top of Casing  
nd - Not Applicable  
mm - Not Measured

ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units  
Temp - Temperature  
C - Degrees Celsius

Sample ID, date, &amp; time:

ID-10 7-16-24 Time 0945

## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                                                          |                    |                 |                          |                                                                                                                                                                                                                         |                 |            |         |                                                             |                         |                 |          |                           |
|------------------------------------------------------------------------------|--------------------|-----------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|---------|-------------------------------------------------------------|-------------------------|-----------------|----------|---------------------------|
| Site: Hennepin                                                               | Client: Vistra     |                 | Start Date: 7/15/2024    |                                                                                                                                                                                                                         | Time: 1500      |            |         |                                                             |                         |                 |          |                           |
| Project Number: 2024.0054                                                    | Task #: A. Belkoff |                 | Finish Date: 7/15/24     |                                                                                                                                                                                                                         | Time: 1600      |            |         |                                                             |                         |                 |          |                           |
| Field Personnel: A. Belkoff, P. Ainsworth                                    |                    |                 |                          |                                                                                                                                                                                                                         |                 |            |         |                                                             |                         |                 |          |                           |
| WELL INFORMATION                                                             |                    |                 |                          | EVENT TYPE                                                                                                                                                                                                              |                 |            |         |                                                             |                         |                 |          |                           |
| Well ID: HEN-12                                                              | Inches             |                 |                          | Well Development<br>Well Volume Approach Sampling                                                                                                                                                                       |                 |            |         | Low-Flow / Low Stress Sampling<br>Other (Specify): Low Flow |                         |                 |          | YSI SERIAL NO<br>24101225 |
| Casing ID:                                                                   |                    |                 |                          |                                                                                                                                                                                                                         |                 |            |         |                                                             |                         |                 |          |                           |
| WATER QUALITY INDICATOR PARAMETERS (continued)                               |                    |                 |                          |                                                                                                                                                                                                                         |                 |            |         |                                                             |                         |                 |          |                           |
| Sampling Stage                                                               | Minutes Elapsed    | Time (military) | Volume Removed (gallons) | Depth to Water (Feet)                                                                                                                                                                                                   | Drawdown (Feet) | Temp. (°C) | pH (SU) | SEC or Cond. (µs/cm)                                        | Dissolved Oxygen (mg/L) | Turbidity (NTU) | ORP (mV) | Visual Clarity/Odor       |
| pre                                                                          | 0                  | 1505            | —                        | 51.4                                                                                                                                                                                                                    | —               | 18.4       | 7.60    | 710                                                         | 5.47                    | 5.27            | 46.4     | Clear                     |
| purge                                                                        | 5                  | 1510            | 0.5                      | 51.39                                                                                                                                                                                                                   | 0.01            | 17.4       | 7.34    | 677                                                         | 2.92                    | 5.64            | 79.6     | Clear                     |
| ↓                                                                            | 10                 | 1515            | 0.5                      | 51.38                                                                                                                                                                                                                   | 0               | 17.3       | 7.33    | 676                                                         | 2.85                    | 5.22            | 88.4     | Clear                     |
| ↓                                                                            | 15                 | 1520            | 1                        | 51.38                                                                                                                                                                                                                   | 0               | 17.3       | 7.33    | 676                                                         | 2.82                    | 4.89            | 95.3     | Clear                     |
| ↓                                                                            | 20                 | 1525            | 1.5                      | 51.4                                                                                                                                                                                                                    | 0.02            | 17.3       | 7.32    | 677                                                         | 2.84                    | 4.57            | 101.0    | ↓                         |
| ↓                                                                            | 25                 | 1530            | 2.5                      | 51.4                                                                                                                                                                                                                    | 0               | 17.8       | 7.32    | 678                                                         | 2.81                    | 4.02            | 100.5    | ↓                         |
| ↓                                                                            | 30                 | 1535            | 3.0                      | 51.4                                                                                                                                                                                                                    | 0               | 18.0       | 7.32    | 678                                                         | 2.79                    | 4.08            | 108.5    | ↓                         |
| ↓                                                                            | 35                 | 1540            | 3.0                      | 51.4                                                                                                                                                                                                                    | 0               | 18.0       | 7.32    | 678                                                         | 2.79                    | 4.08            | 108.5    | ↓                         |
|                                                                              | 40                 |                 |                          |                                                                                                                                                                                                                         |                 |            |         |                                                             |                         |                 |          |                           |
|                                                                              | 45                 |                 |                          |                                                                                                                                                                                                                         |                 |            |         |                                                             |                         |                 |          |                           |
|                                                                              | 50                 |                 |                          |                                                                                                                                                                                                                         |                 |            |         |                                                             |                         |                 |          |                           |
|                                                                              | 55                 |                 |                          |                                                                                                                                                                                                                         |                 |            |         |                                                             |                         |                 |          |                           |
|                                                                              | 60                 |                 |                          |                                                                                                                                                                                                                         |                 |            |         |                                                             |                         |                 |          |                           |
| NOTES (continued)                                                            |                    |                 |                          | ABBREVIATIONS                                                                                                                                                                                                           |                 |            |         |                                                             |                         |                 |          |                           |
| Sample ID, date, & time:<br>Sampled at: 1545 on 7/15/24<br>Sample ID: Hen-12 |                    |                 |                          | *At 1525, water level below pump.<br>ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units<br>Temp - Temperature °C - Degrees Celsius<br>pH - Not Measured<br>mm - Not Measured |                 |            |         |                                                             |                         |                 |          |                           |

## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Visira Start Date: 7/15/2024 Time: 1600  
Project Number: 2024.0054 Task #: \_\_\_\_\_  
Field Personnel: G. Asaillong Finish Date: 07/15/24 Time: 1640

## WELL INFORMATION

Well ID: Hen-13 inches  
Casing ID: \_\_\_\_\_  
Event Type: Low-Flow / Low Stress Sampling **YSI SERIAL NO** 2461225  
Other (Specify): Low Flow

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) | pH (SU) | SEC or Cond. (µs/cm) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | ORP (mV) | Visual Clarity/Odor |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|------------|---------|----------------------|-------------------------|-----------------|----------|---------------------|
| pre            | 0               | 1610            |                          | 51.36                 | 0.01            | 18.1       | 7.34    | 307                  | 7.51                    | 2.51            | 139.3    | clear               |
| purge          | 5               | 1612            | 1                        | 51.37                 | 0.01            | 18.1       | 7.34    | 307                  | 7.51                    | 2.51            | 139.3    | clear               |
| ↓              | 10              | 1617            |                          | 51.38                 | 0.01            | 17.8       | 7.35    | 685                  | 2.47                    | 4.71            | 139.0    | ↓                   |
| ↓              | 15              | 1622            | 2                        | 51.38                 | 0               | 17.7       | 7.35    | 685                  | 2.47                    | 4.71            | 138.9    | ↓                   |
| ↓              | 20              | 1627            |                          |                       |                 | 17.7       | 7.35    | 684                  | 2.37                    | 4.23            | 138.0    | ↓                   |
| ↓              | 25              | 1633            | 3                        | 51.35                 |                 | 17.6       | 7.35    | 684                  | 2.37                    | 4.00            | 139.1    | ↓                   |
|                | 30              |                 |                          |                       |                 |            |         |                      |                         |                 |          |                     |
|                | 35              |                 |                          |                       |                 |            |         |                      |                         |                 |          |                     |
|                | 40              |                 |                          |                       |                 |            |         |                      |                         |                 |          |                     |
|                | 45              |                 |                          |                       |                 |            |         |                      |                         |                 |          |                     |
|                | 50              |                 |                          |                       |                 |            |         |                      |                         |                 |          |                     |
|                | 55              |                 |                          |                       |                 |            |         |                      |                         |                 |          |                     |
|                | 60              |                 |                          |                       |                 |            |         |                      |                         |                 |          |                     |

## NOTES (continued)

Sample ID, date, & time: 1635 07/15/24  
sample ID: Hen-13

ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductivity SU - Standard Units  
Temp - Temperature °C - Degrees Celsius



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

|                                                  |                 |                   |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
|--------------------------------------------------|-----------------|-------------------|--------------------------|--------------------------------|-----------------|--------------------|------------------|-----------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------|
| PROJECT INFORMATION                              |                 |                   |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
| Site: Hennepin                                   |                 | Client: Vistra    |                          | Time: 1455                     |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
| Project Number: 2024.0054                        |                 | Task #: 14        |                          | Start Date: 7/16/2024          |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
| Field Personnel: Lorne                           |                 | Finish Date: Same |                          | Time: 1540                     |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
| WELL INFORMATION                                 |                 |                   |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
| Well ID: 14                                      |                 | Casing ID: 2      |                          | EVENT TYPE                     |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
|                                                  |                 |                   |                          | Low-Flow / Low Stress Sampling |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
|                                                  |                 |                   |                          | Other (specify): Low Flow      |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
|                                                  |                 |                   |                          | YSI SERIAL NO 245100326        |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
| WATER QUALITY INDICATOR PARAMETERS (continued)   |                 |                   |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
| Sampling Stage                                   | Minutes Elapsed | Time (military)   | Volume Removed (gallons) | Depth to Water (feet)          | Drawdown (feet) | Temp. (°C) +/- 10% | pH (SU) +/- 0.01 | SEC or Cond. (µS/cm) +/- 3% | Dissolved Oxygen (mg/L) +/- 10% | Turbidity (NTU) +/- 10%                                                                                                                        | ORP (mV) +/- 10% | Visual Clarity/Odor |
| pre                                              | 0               | 1455              |                          | 54.22                          |                 | 21.7               | 7.25             | 818                         | 2.06                            | 1.45                                                                                                                                           | 216.4            | Clear               |
| purge                                            | 5               | 1500              |                          |                                |                 | 21.9               | 7.27             | 822                         | 2.08                            | 1.30                                                                                                                                           | 209.5            |                     |
|                                                  | 10              | 1505              |                          | 54.22                          |                 | 22.0               | 7.27             | 822                         | 2.53                            | 1.13                                                                                                                                           | 205.5            |                     |
|                                                  | 15              | 1510              |                          |                                |                 | 21.9               | 7.27             | 823                         | 2.51                            | 1.17                                                                                                                                           | 201.0            |                     |
| *                                                | 20              | 1515              |                          | 54.22                          |                 | 22.0               | 7.27             | 823                         | 2.50                            | 1.15                                                                                                                                           | 195.9            |                     |
|                                                  | 25              | 1520              |                          |                                |                 | 22.0               | 7.27             | 823                         | 2.48                            | 1.13                                                                                                                                           | 193.5            |                     |
|                                                  | 30              | 1525              |                          | 54.22                          |                 | 22.1               | 7.27             | 823                         | 2.48                            | 1.12                                                                                                                                           | 192.9            |                     |
|                                                  | 35              | 1530              |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
|                                                  | 40              |                   |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
|                                                  | 45              |                   |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
|                                                  | 50              |                   |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
|                                                  | 55              |                   |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
|                                                  | 60              |                   |                          |                                |                 |                    |                  |                             |                                 |                                                                                                                                                |                  |                     |
| NOTES (continued)                                |                 |                   |                          |                                |                 |                    |                  |                             |                                 | ABBREVIATIONS                                                                                                                                  |                  |                     |
| Sample ID, date, & time: ID 14 7-16-24 Time 1530 |                 |                   |                          |                                |                 |                    |                  |                             |                                 | ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units mg/L - milligrams per liter °C - Degrees Celsius |                  |                     |



## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                            |                 |                               |                          |                                         |                 |                    |                 |                         |                                        |                                  |                   |                |
|------------------------------------------------|-----------------|-------------------------------|--------------------------|-----------------------------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Site: <u>Hennepin</u>                          |                 | Client: <u>Visira</u>         |                          | Task #: <u>845</u>                      |                 |                    |                 |                         |                                        |                                  |                   |                |
| Project Number: <u>0054</u>                    |                 | Start Date: <u>8/6/2024</u>   |                          | Time: <u>0845</u>                       |                 |                    |                 |                         |                                        |                                  |                   |                |
| Field Personnel: <u>Corne F.</u>               |                 | Finish Date: <u>Same</u>      |                          | Time: <u>0910</u>                       |                 |                    |                 |                         |                                        |                                  |                   |                |
| WELL INFORMATION                               |                 |                               |                          | EVENT TYPE                              |                 |                    |                 |                         |                                        |                                  |                   |                |
| Well ID: <u>17</u>                             |                 | Well Development              |                          | Low-Flow / Low Stress Sampling Other    |                 |                    |                 |                         |                                        |                                  |                   |                |
| Casing ID: <u>2</u> Inches                     |                 | Well Volume Approach Sampling |                          | YSI SERIAL NO. <u>341A101283</u>        |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                |                 |                               |                          | Heron Serial NO.: <u>010272X</u>        |                 |                    |                 |                         |                                        |                                  |                   |                |
| WATER QUALITY INDICATOR PARAMETERS (continued) |                 |                               |                          |                                         |                 |                    |                 |                         |                                        |                                  |                   |                |
| Sampling Stage                                 | Minutes Elapsed | Time (military)               | Volume Removed (gallons) | Depth to Water (Feet)                   | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
| Pre                                            | 0               | 0856                          |                          | 56.12                                   |                 | 21.9               | 7.23            | .789                    | 6.89                                   | .88                              | 65.6              | Clear          |
| Purge                                          | 5               | 0855                          |                          | 56.12                                   |                 | 22.5               | 7.24            | .789                    | 6.91                                   | 1.43                             | 78.7              |                |
|                                                | 10              | 0900                          |                          | 56.12                                   |                 | 22.9               | 7.24            | .789                    | 6.89                                   | 1.49                             | 80.3              |                |
|                                                | 15              | 0905                          |                          | 56.12                                   |                 | 23.0               | 7.24            | .789                    | 6.82                                   | 1.41                             | 84.2              |                |
| *****                                          | 20              | 0910                          |                          | 56.12                                   |                 | 23.0               | 7.24            | .789                    | 6.79                                   | 1.43                             | 88.7              | ↓              |
| Final                                          | 25              | 0915                          | 2.9AL                    |                                         |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 30              |                               |                          |                                         |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 35              |                               |                          |                                         |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 40              |                               |                          |                                         |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 45              |                               |                          |                                         |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 50              |                               |                          |                                         |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 55              |                               |                          |                                         |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 60              |                               |                          |                                         |                 |                    |                 |                         |                                        |                                  |                   |                |
| NOTES (continued)                              |                 |                               |                          | ABBREVIATIONS                           |                 |                    |                 |                         |                                        |                                  |                   |                |
| Sample ID: <u>17</u>                           |                 |                               |                          | Cond. - Actual Conductivity             |                 |                    |                 |                         |                                        |                                  |                   |                |
| Sampled @ <u>0910</u> on <u>8/6/24</u>         |                 |                               |                          | FT BTDC - Feet Below Top of Casing na - |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                |                 |                               |                          | Not Applicable                          |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                |                 |                               |                          | nm - Not Measured                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                |                 |                               |                          | °C - Degrees Celsius                    |                 |                    |                 |                         |                                        |                                  |                   |                |

845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
HEN-845-803

ATTACHMENT B.

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14  
15

## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                            |                 |                               |                          |                                  |                 |            |         |                      |                      |                                                                                               |          |                     |
|------------------------------------------------|-----------------|-------------------------------|--------------------------|----------------------------------|-----------------|------------|---------|----------------------|----------------------|-----------------------------------------------------------------------------------------------|----------|---------------------|
| Site: Hennepin                                 |                 | Client: Vistra                |                          | Start Date: 7/16/2024 Time: 1240 |                 |            |         |                      |                      |                                                                                               |          |                     |
| Project Number: 2024.0054                      |                 | Task #:                       |                          | Finish Date: 07/16/24 Time: 1337 |                 |            |         |                      |                      |                                                                                               |          |                     |
| Field Personnel: G. Asgaly                     |                 |                               |                          |                                  |                 |            |         |                      |                      |                                                                                               |          |                     |
| WELL INFORMATION                               |                 |                               |                          | EVENT TYPE                       |                 |            |         |                      |                      |                                                                                               |          |                     |
| Well ID: H24-18D                               |                 | Well Development              |                          | Low-Flow / Low Stress Sampling   |                 |            |         | YSI SERIAL NO        |                      |                                                                                               |          |                     |
| Casing ID:                                     |                 | Well Volume Approach Sampling |                          | Other (Specify): Low Flow        |                 |            |         | 24A101225            |                      |                                                                                               |          |                     |
| WATER QUALITY INDICATOR PARAMETERS (continued) |                 |                               |                          |                                  |                 |            |         |                      |                      |                                                                                               |          |                     |
| Sampling Stage                                 | Minutes Elapsed | Time (military)               | Volume Removed (gallons) | Depth to Water (Feet)            | Drawdown (Feet) | Temp. (°C) | pH (SU) | SEC or Cond. (µS/cm) | Dissolved Oxygen (%) | Turbidity (NTU)                                                                               | ORP (mV) | Visual Clarity/Odor |
| pre                                            | 0               | 1241                          | —                        | 40.45                            | —               | —          | —       | —                    | —                    | —                                                                                             | —        | —                   |
| purge                                          | 5               | 1245                          | —                        | 40.40                            | —               | 18.1       | 7.29    | 0.784                | 3.23                 | 6.7                                                                                           | 162.7    | Clear               |
| ↓                                              | 10              | 1250                          | 1                        | 40.30                            | —               | 18.9       | 7.19    | 0.786                | 2.01                 | 9.53                                                                                          | 167.5    | ↓                   |
| ↓                                              | 15              | 1255                          | 1.5                      | 40.55                            | —               | 18.4       | 7.18    | 0.784                | 0.53                 | 8.00                                                                                          | 166.3    | ↓                   |
| ↓                                              | 20              | 1300                          | 2                        | 40.57                            | —               | 17.8       | 7.17    | 0.788                | 0.45                 | 8.94                                                                                          | 164.4    | ↓                   |
| ↓                                              | 25              | 1305                          | 2                        | 40.60                            | —               | 18.4       | 7.18    | 0.787                | 0.44                 | 9.00                                                                                          | 162.5    | ↓                   |
| ↓                                              | 30              | 1310                          | 2.5                      | —                                | —               | 18.4       | 7.17    | 0.783                | 0.69                 | 8.92                                                                                          | 160.4    | ↓                   |
| ↓                                              | 35              | 1315                          | 3                        | —                                | —               | 18.5       | 7.17    | 0.785                | 0.66                 | 8.88                                                                                          | 159.4    | ↓                   |
| Final                                          | 40              | —                             | —                        | —                                | —               | —          | —       | —                    | —                    | —                                                                                             | —        | —                   |
|                                                | 45              | —                             | —                        | —                                | —               | —          | —       | —                    | —                    | —                                                                                             | —        | —                   |
|                                                | 50              | —                             | —                        | —                                | —               | —          | —       | —                    | —                    | —                                                                                             | —        | —                   |
|                                                | 55              | —                             | —                        | —                                | —               | —          | —       | —                    | —                    | —                                                                                             | —        | —                   |
|                                                | 60              | —                             | —                        | —                                | —               | —          | —       | —                    | —                    | —                                                                                             | —        | —                   |
| NOTES (continued)                              |                 |                               |                          |                                  |                 |            |         |                      |                      | ABBREVIATIONS                                                                                 |          |                     |
| Sample ID, date, & time: Sample ID: Hen_18&D   |                 |                               |                          |                                  |                 |            |         |                      |                      | ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units |          |                     |
| Sampled at @ 1317                              |                 |                               |                          |                                  |                 |            |         |                      |                      | Temp - Temperature °C - Degrees Celsius                                                       |          |                     |

## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                                                                                                                                                                  |                                                   |                                |                          |                       |                 |             |             |                                   |                         |                 |              |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------|--------------------------|-----------------------|-----------------|-------------|-------------|-----------------------------------|-------------------------|-----------------|--------------|---------------------|
| Site: <u>Hennepin</u>                                                                                                                                                                | Client: <u>Vistra</u>                             |                                |                          |                       |                 |             |             |                                   |                         |                 |              |                     |
| Project Number: <u>2024.0054</u>                                                                                                                                                     | Task #: _____                                     | Start Date: <u>7/10/2024</u>   | Time: <u>1144</u>        |                       |                 |             |             |                                   |                         |                 |              |                     |
| Field Personnel: <u>George Aschallery</u>                                                                                                                                            | Finish Date: <u>09/16/2024</u>                    | Time: <u>1231</u>              |                          |                       |                 |             |             |                                   |                         |                 |              |                     |
| WELL INFORMATION                                                                                                                                                                     |                                                   | EVENT TYPE                     |                          |                       |                 |             |             |                                   |                         |                 |              |                     |
| Well ID: <u>Hen-185</u>                                                                                                                                                              | Well Development<br>Well Volume Approach Sampling | Low-Flow / Low Stress Sampling |                          |                       |                 |             |             | YSI SERIAL NO<br><u>24A101225</u> |                         |                 |              |                     |
| Casing ID: _____                                                                                                                                                                     | inches                                            |                                |                          |                       |                 |             |             |                                   |                         |                 |              |                     |
| WATER QUALITY INDICATOR PARAMETERS (continued)                                                                                                                                       |                                                   |                                |                          |                       |                 |             |             |                                   |                         |                 |              |                     |
| Sampling Stage                                                                                                                                                                       | Minutes Elapsed                                   | Time (military)                | Volume Removed (gallons) | Depth to Water (feet) | Drawdown (feet) | Temp. (°C)  | pH (SU)     | SEC or Cond. (µS/cm)              | Dissolved Oxygen (mg/L) | Turbidity (NTU) | ORP (mV)     | Visual Clarity/Odor |
| pre                                                                                                                                                                                  | 0                                                 | <u>1144</u>                    | <u>—</u>                 | <u>40.39</u>          | <u>—</u>        | <u>—</u>    | <u>—</u>    | <u>—</u>                          | <u>—</u>                | <u>—</u>        | <u>—</u>     | <u>—</u>            |
| purge                                                                                                                                                                                | 5                                                 | <u>1145</u>                    | <u>0</u>                 | <u>—</u>              | <u>—</u>        | <u>17.3</u> | <u>7.45</u> | <u>0.903</u>                      | <u>86.7</u>             | <u>3.67</u>     | <u>139.0</u> | <u>—</u>            |
| ↓                                                                                                                                                                                    | 10                                                | <u>1150</u>                    | <u>0.5</u>               | <u>—</u>              | <u>—</u>        | <u>18.0</u> | <u>7.36</u> | <u>0.823</u>                      | <u>0.74</u>             | <u>7.65</u>     | <u>148.1</u> | <u>—</u>            |
| ↓                                                                                                                                                                                    | 15                                                | <u>1155</u>                    | <u>1</u>                 | <u>40.41</u>          | <u>—</u>        | <u>17.9</u> | <u>7.37</u> | <u>0.811</u>                      | <u>0.32</u>             | <u>5.38</u>     | <u>148.1</u> | <u>↓</u>            |
| ↓                                                                                                                                                                                    | 20                                                | <u>1200</u>                    | <u>1.5</u>               | <u>—</u>              | <u>—</u>        | <u>17.9</u> | <u>7.37</u> | <u>0.810</u>                      | <u>0.24</u>             | <u>5.12</u>     | <u>148.2</u> | <u>↓</u>            |
| ↓                                                                                                                                                                                    | 25                                                | <u>1205</u>                    | <u>2</u>                 | <u>—</u>              | <u>—</u>        | <u>17.9</u> | <u>7.37</u> | <u>0.811</u>                      | <u>0.21</u>             | <u>4.50</u>     | <u>147.2</u> | <u>↓</u>            |
| ↓                                                                                                                                                                                    | 30                                                | <u>1234</u>                    | <u>—</u>                 | <u>—</u>              | <u>—</u>        | <u>—</u>    | <u>—</u>    | <u>—</u>                          | <u>—</u>                | <u>—</u>        | <u>—</u>     | <u>—</u>            |
| ↓                                                                                                                                                                                    | 35                                                | <u>—</u>                       | <u>—</u>                 | <u>—</u>              | <u>—</u>        | <u>—</u>    | <u>—</u>    | <u>—</u>                          | <u>—</u>                | <u>—</u>        | <u>—</u>     | <u>—</u>            |
| ↓                                                                                                                                                                                    | 40                                                | <u>—</u>                       | <u>—</u>                 | <u>—</u>              | <u>—</u>        | <u>—</u>    | <u>—</u>    | <u>—</u>                          | <u>—</u>                | <u>—</u>        | <u>—</u>     | <u>—</u>            |
| ↓                                                                                                                                                                                    | 45                                                | <u>—</u>                       | <u>—</u>                 | <u>—</u>              | <u>—</u>        | <u>—</u>    | <u>—</u>    | <u>—</u>                          | <u>—</u>                | <u>—</u>        | <u>—</u>     | <u>—</u>            |
| ↓                                                                                                                                                                                    | 50                                                | <u>—</u>                       | <u>—</u>                 | <u>—</u>              | <u>—</u>        | <u>—</u>    | <u>—</u>    | <u>—</u>                          | <u>—</u>                | <u>—</u>        | <u>—</u>     | <u>—</u>            |
| ↓                                                                                                                                                                                    | 55                                                | <u>—</u>                       | <u>—</u>                 | <u>—</u>              | <u>—</u>        | <u>—</u>    | <u>—</u>    | <u>—</u>                          | <u>—</u>                | <u>—</u>        | <u>—</u>     | <u>—</u>            |
| ↓                                                                                                                                                                                    | 60                                                | <u>—</u>                       | <u>—</u>                 | <u>—</u>              | <u>—</u>        | <u>—</u>    | <u>—</u>    | <u>—</u>                          | <u>—</u>                | <u>—</u>        | <u>—</u>     | <u>—</u>            |
| NOTES (continued)                                                                                                                                                                    |                                                   |                                |                          |                       |                 |             |             |                                   |                         | ABBREVIATIONS   |              |                     |
| Sample ID, date, & time: <u>Sampled @ 1206</u>                                                                                                                                       |                                                   |                                |                          |                       |                 |             |             |                                   |                         |                 |              |                     |
| <u>Sample ID: Hen-185-6A</u> <u>Sample ID: Hen-187-5</u>                                                                                                                             |                                                   |                                |                          |                       |                 |             |             |                                   |                         |                 |              |                     |
| ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductivity<br>FT BTCC - Feet Below Top of Casing<br>na - Not Applicable<br>nm - Not Measured<br>°C - Degrees Celsius |                                                   |                                |                          |                       |                 |             |             |                                   |                         |                 |              |                     |

# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Vistra Task #: 1240 Time: 1240  
 Project Number: 8/6/2024  
 Field Personnel: G. Assalling Finish Date: 8/6/24 Time: 1340

## WELL INFORMATION

Well ID: -21R Casing ID: 2 Inches  
 Well Development: Well Volume Approach Sampling  
 Event Type: Low Flow / Low Stress Sampling Other  
 YSI SERIAL NO: U123119X  
 Heron Serial NO: U116738X

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Pre            | 0               | 1247            | —                        | 6.11                  | —               | —                  | —               | —                       | —                                      | —                                | —                 | 6A             |
| Purge          | 5               | 1250            | 0.52                     | 6.22                  | —               | 16.8               | 7.46            | 0.967                   | 2.92                                   | 26.64                            | -94.7             | Clear          |
|                | 10              | 1255            | 0.5                      | 6.34                  | —               | 14.3               | 7.42            | 0.973                   | 2.93                                   | 31.41                            | -126.0            | " "            |
|                | 15              | 1300            | 1                        | 6.25                  | —               | 14.0               | 7.42            | 0.969                   | 3.77                                   | 23.62                            | -136.2            | " "            |
| *****          | 20              | 1305            | 2                        | 6.21                  | —               | 14.0               | 7.42            | 0.970                   | 3.86                                   | 21.89                            | -137.4            | " "            |
| ✓              | 25              | 1310            | 2.5                      | 6.20                  | —               | 13.9               | 7.42            | 0.969                   | 3.77                                   | 21.59                            | -139.5            | " "            |
| Final          | 30              | 1335            | 4                        | 6.25                  | —               | —                  | —               | —                       | —                                      | —                                | —                 | 6A             |
|                | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

## NOTES (continued)

Sample ID: -21R, -21RMS -21RMSD  
 Sampled @ 1315 on 8/6/24

## ABBREVIATIONS

Cond - Actual Conductivity  
 FT BTOC - Feet Below Top of Casing  
 Net Applicable  
 nm - Not Measured  
 ORP - Oxidation-Reduction Potential SEC  
 Specific Electrical Conductance SU - Standard Units  
 Temp - Temperature  
 °C - Degrees Celsius

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2024  
 HENNEPIN POWER PLANT, EAST ASH POND  
 HEN-845-803

MSMSD  
21R @ 1315  
21R - MS  
21R - MS - MSD

# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Visira Task #: 1525 Time: 1525  
 Project Number: 8/15/2024  
 Field Personnel: G. Ascalon Finish Date: 8/6/24 Time: 1600

## WELL INFORMATION

Well ID: 22 Inches 2'

## EVENT TYPE

Well Development  
Well Volume Approach Sampling

Low-Flow/ Low Stress Sampling Other YSI SERIAL NO: 1225130  
 Heron Serial NO: 416738x

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Pre            | 0               | 1525            | —                        | 18.58                 | —               | —                  | —               | —                       | —                                      | —                                | —                 | —              |
| Purge          | 5               | 1536            | 0.5                      | 18.64                 | —               | 16.6               | 7.66            | 0.875                   | 4.30                                   | 0.77                             | 75.1              | Clear          |
|                | 10              | 1535            | 0.5                      | 18.71                 | —               | 15.9               | 7.52            | 0.871                   | 3.18                                   | 1.36                             | 63.1              | " "            |
|                | 15              | 1540            | 1                        | 18.69                 | —               | 15.9               | 7.53            | 0.869                   | 3.19                                   | 1.09                             | 56.4              | " "            |
| ****           | 20              | 1545            | 2                        | 18.63                 | —               | 15.9               | 7.53            | 0.869                   | 3.16                                   | 1.17                             | 55.4              | " "            |
| Final          | 25              | 1552            | —                        | 18.58                 | —               | —                  | —               | —                       | —                                      | —                                | —                 | —              |
|                | 30              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

## NOTES (continued)

Sample ID: 22  
 Sampled @ on 8/16/2024

## ABBREVIATIONS

Conc. - Actual Conductivity  
 FT BTOC - Feet Below Top of Casing na -  
 Units - Not Applicable  
 nm - Not Measured  
 ORP - Oxidation-Reduction Potential SEC  
 Specific Electrical Conductance SU - Standard  
 Temp. - Temperature  
 °C - Degrees Celsius

1550





# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

|                                                                                                                                                                                                                                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>PROJECT INFORMATION</b><br>Site: <u>Hennepin</u> Client: <u>Vistra</u><br>Project Number: <u>Task #:</u> Start Date: <u>8/6/2024</u> Time: <u>1444</u><br>Field Personnel: <u>G. Assally</u> Finish Date: <u>8/6/24</u> Time: <u>1525</u> |  |
| <b>WELL INFORMATION</b><br>Well ID: <u>22D</u><br>Casing ID: <u>2" Inches</u>                                                                                                                                                                |  |
| <b>EVENT TYPE</b><br>Well Development<br>Well Volume Approach Sampling                                                                                                                                                                       |  |
| Low-Flow/Low Stress Sampling Other<br>YSI SERIAL NO: <u>41223187</u><br>Heron Serial NO: <u>4116733x</u>                                                                                                                                     |  |

| WATER QUALITY INDICATOR PARAMETERS (continued) |                 |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|------------------------------------------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Sampling Stage                                 | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
| Pre                                            | 0               | 1445            | —                        | 20.0                  | —               | —                  | —               | —                       | —                                      | —                                | —                 | —              |
| Purge                                          | 5               | 1450            | 0.32                     | 20.36                 | —               | 17.6               | 7.31            | 0.935                   | 3.70                                   | 4.65                             | 92.3              | Clear          |
|                                                | 10              | 1455            | 0.5                      | 19.72                 | —               | 16.5               | 7.21            | 0.947                   | 1.57                                   | 3.99                             | -56.3             | " "            |
|                                                | 15              | 1500            | 1                        | 19.43                 | —               | 16.5               | 7.21            | 0.950                   | 4.01                                   | 3.70                             | -77.5             | " "            |
| *****                                          | 20              | 1505            | 1.5                      | 19.39                 | —               | 16.5               | 7.22            | 0.950                   | 1.07                                   | 3.56                             | -84.2             | " "            |
| ↓                                              | 25              | 1510            | 2                        | 19.35                 | —               | 16.5               | 7.22            | 0.951                   | 0.94                                   | 3.14                             | -82.2             | " "            |
| Final                                          | 30              | 1522            |                          | 19.40                 |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
| NOTES (continued)                              |                 |                 |                          |                       |                 |                    |                 | ABBREVIATIONS           |                                        |                                  |                   |                |
| 845 QUARTERLY HENNEPIN POW                     |                 |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

|                                                                                              |                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NOTES (continued)</b><br>Sample ID: <u>-22D</u><br>Sampled @ <u>1515</u> on <u>8/6/24</u> | <b>ABBREVIATIONS</b><br>Cond - Actual Conductivity<br>FT BTOP - Feet Below Top of Casing na - Not Applicable<br>nm - Not Measured<br>ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units<br>Temp - Temperature °C - Degrees Celsius |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|


 1515





## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                                   |                 |                       |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                           |  |
|-------------------------------------------------------|-----------------|-----------------------|--------------------------|---------------------------------------------------|-----------------|------------|---------|-------------------------------------------------------------|-------------------------|-----------------|----------|---------------------------|--|
| Site: Hennepin                                        |                 | Client: Vistra        |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                           |  |
| Project Number: 2024.0054                             |                 | Task #: 1             |                          | Start Date: 7/18/2024                             |                 | Time: 0840 |         |                                                             |                         |                 |          |                           |  |
| Field Personnel: G. Azevedo                           |                 | Finish Date: 07/18/24 |                          | Time: 0955                                        |                 |            |         |                                                             |                         |                 |          |                           |  |
| WELL INFORMATION                                      |                 |                       |                          | EVENT TYPE                                        |                 |            |         |                                                             |                         |                 |          |                           |  |
| Well ID: Hen-23                                       |                 | Inches                |                          | Well Development<br>Well Volume Approach Sampling |                 |            |         | Low-Flow / Low Stress Sampling<br>Other (Specify): Low Flow |                         |                 |          | YSI SERIAL NO<br>41223181 |  |
| WATER QUALITY INDICATOR PARAMETERS (continued)        |                 |                       |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                           |  |
| Sampling Stage                                        | Minutes Elapsed | Time (military)       | Volume Removed (gallons) | Depth to Water (Feet)                             | Drawdown (Feet) | Temp. (°C) | pH (SU) | SEC or Cond. (µscm)                                         | Dissolved Oxygen (mg/L) | Turbidity (NTU) | ORP (mV) | Visual Clarity/Odor       |  |
| pre                                                   | 0               | 0841                  | —                        | 16.51                                             | —               | —          | —       | —                                                           | —                       | —               | —        | —                         |  |
| purge                                                 | 5               | 0845                  | 0.5                      | 16.64                                             | —               | 13.6       | 7.31    | 1.077                                                       | 1.74                    | 10.54           | -52.8    | Clear                     |  |
| ↓                                                     | 10              | 0850                  | 0.5                      | 16.72                                             | —               | 13.5       | 7.47    | 1.076                                                       | 0.25                    | 9.42            | -97.3    | ↓                         |  |
| ↓                                                     | 15              | 0855                  | 1                        | 16.80                                             | —               | 13.5       | 7.45    | 1.072                                                       | 0.21                    | 10.39           | -100.3   | ↓                         |  |
| ↓                                                     | 20              | 0900                  | 2                        | 16.85                                             | —               | 13.5       | 7.48    | 1.069                                                       | 0.18                    | 12.60           | -99.4    | ↓                         |  |
| ↓                                                     | 25              | 0905                  | 3                        | 16.79                                             | —               | 13.5       | 7.49    | 1.068                                                       | 0.16                    | 19.96           | -95.0    | ↓                         |  |
| ↓                                                     | 30              | 0910                  | 4                        | 16.72                                             | —               | 13.6       | 7.50    | 1.067                                                       | 0.16                    | 19.66           | -91.3    | ↓                         |  |
| ↓                                                     | 35              | 0915                  | 4.5                      | 16.77                                             | —               | 13.6       | 7.51    | 1.067                                                       | 0.15                    | 16.58           | -87.0    | ↓                         |  |
| ↓                                                     | 40              | 0920                  | 5                        | 16.80                                             | —               | 13.6       | 7.51    | 1.067                                                       | 0.14                    | 11.48           | -85.3    | ↓                         |  |
| ↓                                                     | 45              | 0925                  | 5.5                      | 16.82                                             | —               | 13.6       | 7.51    | 1.066                                                       | 0.14                    | 12.54           | -82.9    | ↓                         |  |
| ↓                                                     | 50              | 0930                  | 6.5                      | 16.68                                             | —               | 13.6       | 7.51    | 1.066                                                       | 0.14                    | 13.8            | -80.4    | ↓                         |  |
| ↓                                                     | 55              | 0935                  | 7                        | 16.72                                             | —               | 13.6       | 7.51    | 1.065                                                       | 0.13                    | 15.49           | -78.6    | ↓                         |  |
| ↓                                                     | 60              | 0940                  | 7.5                      | 16.84                                             | —               | 13.4       | 7.51    | 1.066                                                       | 0.13                    | 6.84            | -78.1    | ↓                         |  |
| NOTES (continued)                                     |                 |                       |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                           |  |
| Sample ID, date, & time: Sample ID: Hen-23 on 7/18/24 |                 |                       |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                           |  |
| Sampled at 0945                                       |                 |                       |                          |                                                   |                 |            |         |                                                             |                         |                 |          |                           |  |

# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Visira  
 Project Number: Task #: Start Date: 8/16/2024 Time: 1018  
 Field Personnel: G. Assalony Finish Date: 8/16/2024 Time: 1055

## WELL INFORMATION

Well ID: 21 Casing ID: 21 Inches  
 Well Development: Well Volume Approach Sampling  
 Event Type: Low-Flow / Low Stress Sampling Other  
 YSI SERIAL NO: 11223182  
 Heron Serial NO: 446728 X

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Pre            | 0               | 1020            | 0                        | 4.46                  | —               | —                  | —               | —                       | —                                      | —                                | —                 | —              |
| Purge          | 5               | 1025            | 0.5                      | 4.43                  | —               | 12.9               | 7.12            | 0.950                   | 0.43                                   | 10.15                            | 1.9               | Clear          |
|                | 10              | 1030            | 1                        | 4.41                  | —               | 12.8               | 7.11            | 0.950                   | 0.23                                   | 7.89                             | -6.7              | " "            |
|                | 15              | 1035            | 1.5                      | 4.43                  | —               | 12.8               | 7.11            | 0.950                   | 0.16                                   | 5.75                             | -11.3             | " "            |
| ****           | 20              | 1040            | 3                        | 4.42                  | —               | 12.7               | 7.11            | 0.949                   | 0.11                                   | 6.57                             | -14.7             | " "            |
| End            | 25              | 1055            | 3.5                      | 4.34                  | —               | —                  | —               | —                       | —                                      | —                                | —                 | —              |
|                | 30              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

## NOTES (continued)

Sample ID: 27  
 Sampled @ 1045 on 8/16/2024

## ABBREVIATIONS

Cond. - Actual Conductivity  
 FT BT OC - Feet Below Top of Casing na -  
 Specific Electrical Conductance SU - Standard  
 Not Applicable  
 nm - Not Measured  
 C - Degrees Celsius

Sampled @ 1045

## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                            |                 |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        |                                        |                   |                |
|------------------------------------------------|-----------------|------------------------------|--------------------------|----------------------------------------------------------------------|-----------------|-------------------------------------------------------------|-----------------|-------------------------|----------------------------------------|----------------------------------------|-------------------|----------------|
| Site: <u>Hennepin</u>                          |                 | Client: <u>Vistra</u>        |                          |                                                                      |                 |                                                             |                 |                         |                                        |                                        |                   |                |
| Project Number: <u>6. Asailling</u>            |                 | Task #: <u>8/6/2024</u>      |                          | Start Date: <u>8/6/2024</u> Time: <u>0930</u>                        |                 |                                                             |                 |                         |                                        |                                        |                   |                |
| Field Personnel: <u>G. Asailling</u>           |                 | Finish Date: <u>8/6/2024</u> |                          | Time: <u>1015</u>                                                    |                 |                                                             |                 |                         |                                        |                                        |                   |                |
| WELL INFORMATION                               |                 |                              |                          | EVENT TYPE                                                           |                 |                                                             |                 |                         |                                        |                                        |                   |                |
| Well ID: <u>SZ</u>                             |                 | Casing ID: <u>2</u> Inches   |                          | Well Development<br>Well Volume Approach Sampling                    |                 | Low Flow / Low Stress Sampling Other<br>(Specify): Low Flow |                 |                         |                                        |                                        |                   |                |
|                                                |                 |                              |                          | VSI SERIAL NO: <u>4172318 X</u><br>Heron Serial NO: <u>U116738 X</u> |                 |                                                             |                 |                         |                                        |                                        |                   |                |
| WATER QUALITY INDICATOR PARAMETERS (continued) |                 |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        |                                        |                   |                |
| Sampling Stage                                 | Minutes Elapsed | Time (military)              | Volume Removed (gallons) | Depth to Water (Feet)                                                | Drawdown (Feet) | Temp. (°C) +/- 0.1                                          | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's       | ORP (mV) +/- 10mV | Visual Clarity |
| Pre                                            | 0               | 0930                         | —                        | 5.48                                                                 | —               | —                                                           | —               | —                       | —                                      | —                                      | —                 | GA             |
| Purge                                          | 5               | 0935                         | 0.3 >                    | 5.50                                                                 | —               | 13.3                                                        | 7.11            | 0.821                   | 2.69                                   | 16.25                                  | 73.5              | Clear          |
|                                                | 10              | 0940                         | 2                        | 5.45                                                                 | —               | 13.3                                                        | 7.06            | 0.819                   | 2.40                                   | 3.43                                   | 74.1              | " "            |
|                                                | 15              | 0945                         | 3                        | 5.48                                                                 | —               | 13.4                                                        | 7.05            | 0.818                   | 0.80                                   | 5.72                                   | 75.5              | " "            |
| *****                                          | 20              | 0950                         | 4                        | 5.65                                                                 | —               | 13.3                                                        | 7.08            | 0.818                   | 0.65                                   | 4.06                                   | 69.4              | " "            |
| ↓                                              | 25              | 0955                         | 5                        | 5.45                                                                 | —               | 13.4                                                        | 7.06            | 0.817                   | 0.62                                   | 2.25                                   | 68.4              | " "            |
| Final                                          | 30              | 1000                         | 6                        | 5.35                                                                 | —               | —                                                           | —               | —                       | —                                      | —                                      | —                 | —              |
|                                                | 35              |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        |                                        |                   |                |
|                                                | 40              |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        |                                        |                   |                |
|                                                | 45              |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        |                                        |                   |                |
|                                                | 50              |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        |                                        |                   |                |
|                                                | 55              |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        |                                        |                   |                |
|                                                | 60              |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        |                                        |                   |                |
| NOTES (continued)                              |                 |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        | ABBREVIATIONS                          |                   |                |
| Sample ID: <u>—32</u>                          |                 |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        | Cond - Actual Conductivity             |                   |                |
| Sampled @ <u>1000</u> on <u>8/6/2024</u>       |                 |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        | FT BTOC - Feet Below Top of Casing "a" |                   |                |
|                                                |                 |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        | Not Applicable                         |                   |                |
|                                                |                 |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        | mm - Not Measured                      |                   |                |
|                                                |                 |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        | Temp - Temperature                     |                   |                |
|                                                |                 |                              |                          |                                                                      |                 |                                                             |                 |                         |                                        | °C - Degrees Celsius                   |                   |                |

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
HEN-845-803

Sampled @ 1000

## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Visira  
Project Number: Task #: Start Date: 8/6/2024 Time: 0847  
Field Personnel: G. Asailler Finish Date: 8/6/2024 Time: 0920

## WELL INFORMATION

Well ID: 34  
Casing ID: 2<sup>nd</sup> Inches

## EVENT TYPE

Well Development  
Well Volume Approach Sampling

Low-Flow/~~Low-Stress~~ Sampling Other  
(Specify): Low Flow  
YSI SERIAL NO: U12218X  
Heron Serial NO: U116738X

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Pre            | 0               | 0840            | —                        | 8.25                  | —               | —                  | —               | —                       | —                                      | —                                | —                 | Col            |
| Purge          | 5               | 0845            | 0.5                      | 8.32                  | —               | 12.9               | 7.20            | 1.107                   | 3.54                                   | 12.49                            | -75.6             | 6120x          |
|                | 10              | 0850            | 0.5                      | 8.40                  | —               | 13.1               | 7.02            | 1.071                   | 0.74                                   | 15.07                            | -93.5             | " "            |
|                | 15              | 0855            | 1                        | 8.37                  | —               | 13.1               | 6.99            | 1.075                   | 0.28                                   | 14.02                            | -98.7             | " "            |
| *****          | 20              | 0900            | 1.5                      | 8.30                  | —               | 13.1               | 6.98            | 1.074                   | 0.20                                   | 13.17                            | -100.00           | " "            |
| ↓              | 25              | 0905            | 2                        | 8.22                  | —               | 12.6               | 6.99            | 1.082                   | 0.15                                   | 13.79                            | -101.7            | " "            |
| Final          | 30              | 0915            | 2.5                      | 8.31                  | —               | —                  | —               | —                       | —                                      | —                                | —                 | — 64           |
|                | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

## NOTES (continued)

Sample ID: 34  
Sampled @ 0910 on 8/6/2024

## ABBREVIATIONS

Cond - Actual Conductivity  
FT BTOC - Feet Below Top of Casing na -  
Not Applicable  
nm - Not Measured  
°C - Degrees Celsius

ORP - Oxidation-Reduction Potential SEC  
Specific Electrical Conductance SU - Standard  
Units  
Temp - Temperature  
°C - Degrees Celsius

845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
HEN-845-803

ATTACHMENT B.

# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

|                                                                                                                                                                                                                                               |  |                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|
| <b>PROJECT INFORMATION</b><br>Site: <u>Hennepin</u> Client: <u>Vistra</u><br>Project Number: <u>Task #:</u> Start Date: <u>8/6/2024</u> Time: <u>1100</u><br>Field Personnel: <u>G. Asally</u> Finish Date: <u>8/4/2024</u> Time: <u>1200</u> |  | YSI SERIAL NO: <u>4122318X</u><br>Heron Serial NO: <u>416388</u>                     |
| <b>WELL INFORMATION</b><br>Well ID: <u>33</u> Casing ID: <u>2</u> inches                                                                                                                                                                      |  | <b>EVENT TYPE</b><br>Low-Flow / Low Stress Sampling Other (Specify): <u>Low Flow</u> |

| WATER QUALITY INDICATOR PARAMETERS (continued)                                                                                                                                                                                                                      |                 |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Sampling Stage                                                                                                                                                                                                                                                      | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
| Pre                                                                                                                                                                                                                                                                 | 0               | 1112            | —                        | 8.39                  | —               | —                  | —               | —                       | —                                      | —                                | —                 | Col            |
| Purge                                                                                                                                                                                                                                                               | 5               | 1115            | 0.5                      | 8.45                  | —               | 15.9               | 6.88            | 1.810                   | 1.00                                   | 5.17                             | 106.5             | Clear          |
| /                                                                                                                                                                                                                                                                   | 10              | 1120            | 0.5                      | 8.49                  | —               | 15.8               | 6.85            | 1.728                   | 0.32                                   | 2.07                             | 111.0             | " "            |
| /                                                                                                                                                                                                                                                                   | 15              | 1125            | 1                        | 8.51                  | —               | 15.8               | 6.85            | 1.718                   | 0.18                                   | 6.85                             | 113.5             | " "            |
| *****                                                                                                                                                                                                                                                               | 20              | 1130            | 1.5                      | 8.42                  | —               | 15.8               | 6.85            | 1.723                   | 0.14                                   | <del>6.85</del>                  | 114.6             | " "            |
| Final                                                                                                                                                                                                                                                               | 25              | 1152            | 3                        | 8.39                  | —               | —                  | —               | —                       | —                                      | 19.47                            | —                 | Col            |
|                                                                                                                                                                                                                                                                     | 30              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                                                                                                                                     | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                                                                                                                                     | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                                                                                                                                     | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                                                                                                                                     | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                                                                                                                                     | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                                                                                                                                     | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
| NOTES (continued)                                                                                                                                                                                                                                                   |                 |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
| ABBREVIATIONS                                                                                                                                                                                                                                                       |                 |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
| Cond. - Actual Conductivity<br>FT BTOC - Feet Below Top of Casing na -<br>Not Applicable<br>nm - Not Measured<br>ORP - Oxidation-Reduction Potential SEC -<br>Specific Electrical Conductance SU - Standard<br>Units<br>Tempo - Temperature<br>°C - Degrees Celsius |                 |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

Sample ID: 33

Sampled @ 1135 on 8/6/2024

Duplicate

845 QUARTERLY REPORT - HENNEPIN POWER PLANT

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2024  
 HENNEPIN POWER PLANT, EAST ASH POND  
 HEN-845-803

Field @ 1135  
 Dup





## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                            |                 |                               |                          |                                     |                 |            |         |                      |                         |                                                                                             |          |                     |
|------------------------------------------------|-----------------|-------------------------------|--------------------------|-------------------------------------|-----------------|------------|---------|----------------------|-------------------------|---------------------------------------------------------------------------------------------|----------|---------------------|
| Site: Hennepin                                 |                 | Client: Vista                 |                          | Start Date: 7/16/2024 Time: 1440 GA |                 |            |         |                      |                         |                                                                                             |          |                     |
| Project Number: 2024.0054                      |                 | Task #: 1420                  |                          | Finish Date: 07/16/2024 Time: 1452  |                 |            |         |                      |                         |                                                                                             |          |                     |
| Field Personnel: S. Assallany                  |                 |                               |                          |                                     |                 |            |         |                      |                         |                                                                                             |          |                     |
| WELL INFORMATION                               |                 |                               |                          | EVENT TYPE                          |                 |            |         |                      |                         |                                                                                             |          |                     |
| Well ID: H21A-465                              |                 | Well Development              |                          | Low-Flow / Low Stress Sampling      |                 |            |         |                      |                         |                                                                                             |          |                     |
| Casing ID: inches                              |                 | Well Volume Approach Sampling |                          | Other (Specify): Low Flow           |                 |            |         |                      |                         |                                                                                             |          |                     |
|                                                |                 |                               |                          | YSI SERIAL NO 24A101225             |                 |            |         |                      |                         |                                                                                             |          |                     |
| WATER QUALITY INDICATOR PARAMETERS (continued) |                 |                               |                          |                                     |                 |            |         |                      |                         |                                                                                             |          |                     |
| Sampling Stage                                 | Minutes Elapsed | Time (military)               | Volume Removed (gallons) | Depth to Water (Feet)               | Drawdown (Feet) | Temp. (°C) | pH (SU) | SEC or Cond. (µs/cm) | Dissolved Oxygen (mg/L) | Turbidity (NTU)                                                                             | ORP (mV) | Visual Clarity/Odor |
| pre                                            | 0               | 1421                          |                          | 40.38                               |                 | 17.8       | 7.84    | 0.723                | 0.90                    |                                                                                             | 4/- 10.4 |                     |
| purge                                          | 5               | 1425                          |                          | 40.38                               |                 | 17.8       | 7.84    | 0.718                | 0.26                    | 25.21                                                                                       | 92.3     | 61204               |
| ↓                                              | 10              | 1430                          |                          | 40.38                               |                 | 17.8       | 7.84    | 0.715                | 0.20                    | 9.90                                                                                        | 110.3    | ↓                   |
| ↓                                              | 15              | 1435                          |                          | 40.38                               |                 | 17.8       | 7.83    | 0.714                | 0.18                    | 9.03                                                                                        | 115.2    | ↓                   |
| ↓                                              | 20              | 1440                          |                          | 40.38                               |                 | 17.8       | 7.83    | 0.714                | 0.18                    | 8.50                                                                                        | 118.1    | ↓                   |
| ↓                                              | 25              | 1445                          |                          | 40.38                               |                 |            |         |                      |                         |                                                                                             |          |                     |
| ↓                                              | 30              | 1452                          |                          |                                     |                 |            |         |                      |                         |                                                                                             |          |                     |
| ↓                                              | 35              |                               |                          |                                     |                 |            |         |                      |                         |                                                                                             |          |                     |
| ↓                                              | 40              |                               |                          |                                     |                 |            |         |                      |                         |                                                                                             |          |                     |
| ↓                                              | 45              |                               |                          |                                     |                 |            |         |                      |                         |                                                                                             |          |                     |
| ↓                                              | 50              |                               |                          |                                     |                 |            |         |                      |                         |                                                                                             |          |                     |
| ↓                                              | 55              |                               |                          |                                     |                 |            |         |                      |                         |                                                                                             |          |                     |
| ↓                                              | 60              |                               |                          |                                     |                 |            |         |                      |                         |                                                                                             |          |                     |
| NOTES (continued)                              |                 |                               |                          |                                     |                 |            |         |                      |                         | ABBREVIATIONS                                                                               |          |                     |
| Sample ID: Hen-4045                            |                 |                               |                          |                                     |                 |            |         |                      |                         | Cond - Actual Conductivity                                                                  |          |                     |
| Sampled at 1443 on 07/16/24                    |                 |                               |                          |                                     |                 |            |         |                      |                         | FT - Feet below top of Casing                                                               |          |                     |
|                                                |                 |                               |                          |                                     |                 |            |         |                      |                         | m - Not Measured                                                                            |          |                     |
|                                                |                 |                               |                          |                                     |                 |            |         |                      |                         | °C - Degrees Celsius                                                                        |          |                     |
|                                                |                 |                               |                          |                                     |                 |            |         |                      |                         | ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance to Standard Units |          |                     |
|                                                |                 |                               |                          |                                     |                 |            |         |                      |                         | Temp - Temperature                                                                          |          |                     |
|                                                |                 |                               |                          |                                     |                 |            |         |                      |                         | °C - Degrees Celsius                                                                        |          |                     |



## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                                                                                                                                                                                                                           |                 |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------|--------------------------|--------------------------------|-----------------|-------------------------------|------------------|-----------------------------------|---------------------------------|-------------------------|------------------|---------------------|
| Site: Hennepin                                                                                                                                                                                                                                |                 | Client: <u>Visira</u> |                          | Start Date: <u>7/16/2024</u>   |                 | Time: <u>0807</u>             |                  |                                   |                                 |                         |                  |                     |
| Project Number: 2024.0054                                                                                                                                                                                                                     |                 | Task #: _____         |                          | Finish Date: <u>07/16/2024</u> |                 | Time: <u>0907</u>             |                  |                                   |                                 |                         |                  |                     |
| Field Personnel: <u>G. Assallery</u>                                                                                                                                                                                                          |                 | Finish Date: _____    |                          | Time: _____                    |                 | Time: _____                   |                  |                                   |                                 |                         |                  |                     |
| WELL INFORMATION                                                                                                                                                                                                                              |                 |                       |                          | EVENT TYPE                     |                 |                               |                  |                                   |                                 |                         |                  |                     |
| Well ID: <u>Hen-455</u>                                                                                                                                                                                                                       |                 | inches                |                          | Well Development               |                 | Well Volume Approach Sampling |                  | Low-Flow / Low Stress Sampling    |                                 |                         |                  |                     |
| Casing ID: _____                                                                                                                                                                                                                              |                 | _____                 |                          | _____                          |                 | _____                         |                  | Other (Specify): Low Flow         |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                               |                 |                       |                          |                                |                 |                               |                  | YSI SERIAL NO<br><u>24A101225</u> |                                 |                         |                  |                     |
| WATER QUALITY INDICATOR PARAMETERS (continued)                                                                                                                                                                                                |                 |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |
| Sampling Stage                                                                                                                                                                                                                                | Minutes Elapsed | Time (military)       | Volume Removed (gallons) | Depth to Water (Feet)          | Drawdown (Feet) | Temp. (°C) +/- 0.1            | pH (SU) +/- 0.01 | SEC or Cond. (µS/cm) +/- 3%       | Dissolved Oxygen (mg/L) +/- 10% | Turbidity (NTU) +/- 10% | ORP (mV) +/- 10% | Visual Clarity/Odor |
| pre                                                                                                                                                                                                                                           | 0               | <u>0807</u>           | <u>—</u>                 | <u>20.26</u>                   | <u>—</u>        | <u>—</u>                      | <u>—</u>         | <u>—</u>                          | <u>—</u>                        | <u>—</u>                | <u>—</u>         | <u>—</u>            |
| purge                                                                                                                                                                                                                                         | 5               | <u>0810</u>           | <u>0</u>                 | <u>20.24</u>                   | <u>—</u>        | <u>19.7</u>                   | <u>7.10</u>      | <u>0.911</u>                      | <u>1.73</u>                     | <u>37.54</u>            | <u>13.9</u>      | <u>clear</u>        |
| ↓                                                                                                                                                                                                                                             | 10              | <u>0815</u>           | <u>0</u>                 | <u>20.25</u>                   | <u>—</u>        | <u>19.6</u>                   | <u>7.08</u>      | <u>0.916</u>                      | <u>0.45</u>                     | <u>32.18</u>            | <u>57.7</u>      | ↓                   |
| ↓                                                                                                                                                                                                                                             | 15              | <u>0820</u>           | <u>1</u>                 | <u>20.23</u>                   | <u>—</u>        | <u>19.6</u>                   | <u>7.07</u>      | <u>0.913</u>                      | <u>0.21</u>                     | <u>22.48</u>            | <u>76.7</u>      | ↓                   |
| ↓                                                                                                                                                                                                                                             | 20              | <u>0825</u>           | <u>1</u>                 | <u>20.22</u>                   | <u>—</u>        | <u>19.6</u>                   | <u>7.07</u>      | <u>0.911</u>                      | <u>0.18</u>                     | <u>16.01</u>            | <u>84.9</u>      | ↓                   |
| ↓                                                                                                                                                                                                                                             | 25              | <u>0830</u>           | <u>2</u>                 | <u>20.24</u>                   | <u>—</u>        | <u>19.6</u>                   | <u>7.07</u>      | <u>0.910</u>                      | <u>0.17</u>                     | <u>12.34</u>            | <u>90.0</u>      | ↓                   |
| ↓                                                                                                                                                                                                                                             | 30              | <u>0835</u>           | <u>3</u>                 | <u>20.23</u>                   | <u>—</u>        | <u>19.7</u>                   | <u>7.07</u>      | <u>0.912</u>                      | <u>0.18</u>                     | <u>12.10</u>            | <u>94.5</u>      | ↓                   |
| ↓                                                                                                                                                                                                                                             | 35              | <u>0840</u>           | <u>4</u>                 | <u>20.23</u>                   | <u>—</u>        | <u>19.7</u>                   | <u>7.07</u>      | <u>0.911</u>                      | <u>0.17</u>                     | <u>12.12</u>            | <u>96.2</u>      | ↓                   |
| Final                                                                                                                                                                                                                                         | 40              | <u>0842</u>           | <u>5</u>                 | <u>20.22</u>                   | <u>—</u>        | <u>—</u>                      | <u>—</u>         | <u>—</u>                          | <u>—</u>                        | <u>—</u>                | <u>—</u>         | <u>—</u>            |
|                                                                                                                                                                                                                                               | 45              |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                               | 50              |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                               | 55              |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                               | 60              |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |
| NOTES (continued)                                                                                                                                                                                                                             |                 |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |
| Sample ID, date, & time: Sampled (a) 0842 on 07/16/24                                                                                                                                                                                         |                 |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |
| Sample ID: Hen-455                                                                                                                                                                                                                            |                 |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |
| ABBREVIATIONS                                                                                                                                                                                                                                 |                 |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |
| Cond. - Actual Conductivity<br>m - 10 cm First Below Top of Casing<br>Temp. - Temperature<br>mm - Not Measured<br>ORP - Oxidation-Reduction Potential<br>SEC - Specific Electrical Conductance<br>SU - Standard Units<br>°C - Degrees Celsius |                 |                       |                          |                                |                 |                               |                  |                                   |                                 |                         |                  |                     |

# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Visira  
 Project Number: 6054 Task #: 8/6/2024 Time: 0930  
 Field Personnel: Lorne F. Finish Date: Same Time: 0955

## WELL INFORMATION

Well ID: 46 Casing ID: 2" Inches  
 Well Development  
 Well Volume Approach Sampling

## EVENT TYPE

Low-Flow / Low Stress Sampling Other  
 (Specify): Low Flow  
 YSI SERIAL NO: 249161225  
 Heron Serial NO: U102.112x

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Pre            | 0               | 0930            |                          | 51.61                 |                 |                    |                 |                         |                                        |                                  |                   |                |
| Purge          | 5               | 0935            |                          | 51.80                 |                 | 19.8               | 7.32            | .859                    | 4.44                                   | 1.38                             | 115.5             | Clear          |
|                | 10              | 0940            |                          | 51.80                 |                 | 19.7               | 7.32            | .857                    | 2.05                                   | 1.50                             | 117.9             |                |
|                | 15              | 0945            |                          | 51.80                 |                 | 19.6               | 7.23            | .858                    | 1.97                                   | 1.54                             | 117.0             |                |
| *****          | 20              | 0950            |                          | 51.83                 |                 | 19.6               | 7.24            | .857                    | 1.96                                   | 1.50                             | 116.5             |                |
|                | 25              | 0955            | 2.56                     | 51.83                 |                 | 19.5               | 7.24            | .857                    | 1.94                                   | 1.51                             | 116.6             |                |
|                | 30              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

## NOTES (continued)

Sample ID: 46  
 Sampled @ 0955 on 8/6/24

## ABBREVIATIONS

Cond. - Actual Conductivity  
 FT BTOC - Feet Below Top of Casing na -  
 Not Applicable  
 nm - Not Measured  
 Temp - Temperature  
 °C - Degrees Celsius

ORP - Oxidation-Reduction Potential SEC -

Specific Electrical Conductance SU - Standard

Units

Temp - Temperature

°C - Degrees Celsius

# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Visira  
 Project Number: 0054 Task #: 100 Start Date: 8/16/2024 Time: 11:00  
 Field Personnel: Lorne F. Finish Date: 8/16/2024 Time: 11:20

## WELL INFORMATION

Well ID: 47 2 Inches  
 Casing ID: 2

## EVENT TYPE

Well Development  
 Well Volume Approach Sampling

Low-Flow / Low Stress Sampling Other  
 (Specify): Low Flow

YSI SERIAL NO: 2441225  
 YSI Serial NO: 0102112X

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Pre            | 0               | 1100            |                          | 55.90                 |                 |                    |                 |                         |                                        |                                  |                   |                |
| Purge          | 5               | 1105            |                          | 55.90                 |                 | 18.5               | 7.14            | 910                     | 3.46                                   | 1.13                             | 143.6             |                |
|                | 10              | 1110            |                          | 55.90                 |                 | 18.6               | 7.17            | 907                     | 2.88                                   | .33                              | 143.7             |                |
|                | 15              | 1115            |                          | 55.90                 |                 | 18.5               | 7.17            | 907                     | 2.78                                   | .27                              | 143.5             |                |
| *****          | 20              | 1120            | 26 GAL                   | 55.90                 |                 | 18.4               | 7.17            | 907                     | 2.77                                   | .44                              | 143.5             |                |
|                | 25              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 30              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

## NOTES (continued)

Sample ID: 47  
 Sampled @ 1120 on 8/16/24

## ABBREVIATIONS

Cons - Actual Conductivity  
 FT BTOC - Feet Below Top of Casing na - Not Applicable  
 nm - Not Measured  
 ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units  
 Temp - Temperature  
 °C - Degrees Celsius

## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Vistra  
Project Number: 2024.0054 Task #: Start Date: 7/18/2024 Time: 0830  
Field Personnel: Lorne Finish Date: Dave Time:

## WELL INFORMATION

Well ID: 48R Casing ID: 24  
Inches  
EVENT TYPE  
Low-Flow / Low Stress Sampling  
Other (Specify) Low Flow  
YSI SERIAL NO  
245100 326

Well Development  
Well Volume Approach Sampling

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 10% | pH (SU) +/- 0.01 | SEC or Cond. (µs/cm) +/- 3% | Dissolved Oxygen (mg/L) +/- 10% | Turbidity (NTU) +/- 10% | ORP (mV) +/- 10% | Visual Clarity/Odor |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|------------------|-----------------------------|---------------------------------|-------------------------|------------------|---------------------|
| pre            | 0               | 0835            |                          | 40.53                 |                 | 18.6               | 7.70             | 909                         | .50                             | 209.7                   | 127.5            | cloudy              |
| purge          | 5               | 0845            |                          | 40.53                 |                 | 18.6               | 7.70             | 909                         | .20                             | 55.29                   | 121.7            | ↓                   |
|                | 10              | 0850            |                          | 40.53                 |                 | 18.5               | 7.69             | 909                         | .19                             | 27.14                   | 115.2            | clear               |
|                | 15              | 0855            |                          | 40.53                 |                 | 18.6               | 7.69             | 910                         | .19                             | 13.19                   | 110.3            | ↓                   |
| *              | 20              | 0900            |                          | 40.53                 |                 | 18.6               | 7.69             | 910                         | .18                             | 8.56                    | 109.1            | ↓                   |
|                | 25              | 0905            | 2.621                    | 40.53                 |                 |                    |                  |                             |                                 |                         |                  |                     |
|                | 30              | 0910            |                          |                       |                 |                    |                  |                             |                                 |                         |                  |                     |
|                | 35              |                 |                          |                       |                 |                    |                  |                             |                                 |                         |                  |                     |
|                | 40              |                 |                          |                       |                 |                    |                  |                             |                                 |                         |                  |                     |
|                | 45              |                 |                          |                       |                 |                    |                  |                             |                                 |                         |                  |                     |
|                | 50              |                 |                          |                       |                 |                    |                  |                             |                                 |                         |                  |                     |
|                | 55              |                 |                          |                       |                 |                    |                  |                             |                                 |                         |                  |                     |
|                | 60              |                 |                          |                       |                 |                    |                  |                             |                                 |                         |                  |                     |

## NOTES (continued)

Sample ID, date, &amp; time:

ID 48R 7-18-24 @ 0905

## ABBREVIATIONS

Cond - Actual Conductivity  
FI BOC - Feet Below Top of Casing  
N/A - Not Applicable  
nm - Not Measured  
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units  
°C - Degrees Celsius

# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

|                                                                                                                                                                                                                                                           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>PROJECT INFORMATION</b><br>Site: <u>Hennepin</u><br>Project Number: <u>Task #:</u><br>Client: <u>Vistra</u><br>Start Date: <u>08/06/2024</u> Time: <u>1345</u><br>Field Personnel: <u>G. Arraling</u> Finish Date: <u>08/06/2024</u> Time: <u>1445</u> |  |
| <b>WELL INFORMATION</b><br>Well ID: <u>Hen-49</u><br>Casing ID: <u>2</u> inches                                                                                                                                                                           |  |
| <b>EVENT TYPE</b><br>Well Development<br>Well Volume Approach Sampling<br>Low-Flow / Low Stress Sampling Other<br>(Specify): <u>Low Flow</u><br>YSI SERIAL NO: <u>412318X</u><br>Heron Serial NO: <u>416738X</u>                                          |  |

| WATER QUALITY INDICATOR PARAMETERS (continued)                                                                                                              |                 |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Sampling Stage                                                                                                                                              | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
| Pre                                                                                                                                                         | 0               | 1350            | —                        | 22.71                 | —               | —                  | —               | —                       | —                                      | —                                | —                 | —              |
| Purge                                                                                                                                                       | 5               | 1355            | 0.5                      | 22.42                 | —               | 14.7               | 7.04            | 0.940                   | 0.67                                   | 12.35                            | 54.6              | Clear          |
|                                                                                                                                                             | 10              | 1400            | 0.5                      | 21.74                 | —               | 15.0               | 7.03            | 0.938                   | 0.45                                   | 9.58                             | 60.3              | " "            |
|                                                                                                                                                             | 15              | 1405            | 1                        | 21.71                 | —               | 15.0               | 7.02            | 0.937                   | 0.35                                   | 2.97                             | 62.3              | " "            |
| *****                                                                                                                                                       | 20              | 1410            | 1.5                      | 21.72                 | —               | 15.0               | 7.02            | 0.939                   | 0.20                                   | 2.97                             | 66.4              | " "            |
| ↓                                                                                                                                                           | 25              | 1415            | 2.5                      | 21.69                 | —               | 15.0               | 7.03            | 0.939                   | 0.18                                   | 3.30                             | 59.7              | " "            |
| Final                                                                                                                                                       | 30              | 1435            | —                        | 21.71                 | —               | —                  | —               | —                       | —                                      | —                                | —                 | —              |
|                                                                                                                                                             | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                             | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                             | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                             | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                             | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                                                                                                                                                             | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
| NOTES (continued)                                                                                                                                           |                 |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
| ABBREVIATIONS                                                                                                                                               |                 |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
| Cond. - Actual Conductivity<br>FT BTOC - Feet Below Top of Casing na -<br>Not Applicable<br>nm - Not Measured<br>Temp - Temperature<br>°C - Degrees Celsius |                 |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

845 QUARTERLY REPORT - HENNEPIN POWER PLANT,

Sample ID: ~~Hen-49~~ -49, -49ms, -49msd

Sampled @ 1420 on 8/16/2024

845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
HEN-845-803

1420

MSMSD





# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Vistra Start Date: 8/6/2024 Time: 15:10  
 Project Number: 6054 Task #:         
 Field Personnel: Carve f Finish Date:        Time: 1535

## WELL INFORMATION

Well ID: 50 Casing ID: 2 (Inches)  
 Well Development: Well Volume Approach Sampling  
 Low-Flow / Low Stress Sampling Other (Specify): Low Flow  
 YSI SERIAL NO: 24419215  
 Heron Serial NO: U102-112-X

## EVENT TYPE

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Pre            | 0               | 1510            |                          | 18.37                 |                 |                    |                 | 1.168                   | 1.70                                   | 2.69                             | 130.7             | Clear          |
| Purge          | 5               | 1515            |                          | 18.37                 |                 | 16.6               | 7.30            | 1.176                   | 1.13                                   | 1.32                             | 135.4             |                |
|                | 10              | 1520            |                          | 18.37                 |                 | 16.4               | 7.36            | 1.178                   | 1.13                                   | 1.42                             | 136.4             |                |
|                | 15              | 1525            |                          | 18.37                 |                 | 16.3               | 7.36            | 1.176                   | 1.09                                   | 1.37                             | 136.5             |                |
| *****          | 20              | 1530            |                          | 18.37                 |                 | 16.3               | 7.37            | 1.175                   | 1.00                                   | 1.35                             | 136.6             |                |
|                | 25              | 1535            |                          | 18.37                 |                 | 16.4               | 7.37            |                         |                                        |                                  |                   |                |
|                | 30              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

## NOTES (continued)

Sample ID: 50  
 Sampled @ 1535 on 8/6/24

## ABBREVIATIONS

|                                         |                                               |
|-----------------------------------------|-----------------------------------------------|
| Cond - Actual Conductivity              | ORP - Oxidation-Reduction Potential SEC       |
| FT BTOC - Feet Below Top of Casing na - | Specific Electrical Conductance SU - Standard |
| Not Applicable                          | Units                                         |
| nm - Not Measured                       | Temp - Temperature                            |
|                                         | °C - Degrees Celsius                          |

845 QUARTERLY REPORT - QUARTER 3, 2024  
 HENNEPIN POWER PLANT, EAST ASH POND  
 HEN-845-803





## WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

| PROJECT INFORMATION                                                                                                                                                                                                                                              |                 |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|--------------------------|----------------------------------|-----------------|--------------------|------------------|--------------------------------|---------------------------------|-------------------------|------------------|---------------------|
| Site: <u>Hennepin</u>                                                                                                                                                                                                                                            |                 | Client: <u>Vistra</u>         |                          | Start Date: <u>7/18/2024</u>     |                 | Time: <u>1006</u>  |                  |                                |                                 |                         |                  |                     |
| Project Number: <u>2024.0054</u>                                                                                                                                                                                                                                 |                 | Task #: <u></u>               |                          | Finish Date: <u>07/18/24</u>     |                 | Time: <u></u>      |                  |                                |                                 |                         |                  |                     |
| Field Personnel: <u>C. Aisollon</u>                                                                                                                                                                                                                              |                 |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
| WELL INFORMATION                                                                                                                                                                                                                                                 |                 |                               |                          | EVENT TYPE                       |                 |                    |                  |                                |                                 |                         |                  |                     |
| Well ID: <u>HEN-51</u>                                                                                                                                                                                                                                           |                 | Well Development              |                          | Well Volume Approach Sampling    |                 |                    |                  | Low-Flow / Low Stress Sampling |                                 |                         |                  |                     |
| Casing ID: <u></u>                                                                                                                                                                                                                                               |                 | Well Volume Approach Sampling |                          | Other (Specify): <u>Low Flow</u> |                 |                    |                  | YSI SERIAL NO <u>4122318X</u>  |                                 |                         |                  |                     |
| WATER QUALITY INDICATOR PARAMETERS (continued)                                                                                                                                                                                                                   |                 |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
| Sampling Stage                                                                                                                                                                                                                                                   | Minutes Elapsed | Time (military)               | Volume Removed (gallons) | Depth to Water (Feet)            | Drawdown (Feet) | Temp. (°C) +/- 10% | pH (SU) +/- 0.01 | SEC or Cond. (µS/cm) +/- 3%    | Dissolved Oxygen (mg/L) +/- 10% | Turbidity (NTU) +/- 10% | ORP (mV) +/- 10% | Visual Clarity/Odor |
| pre                                                                                                                                                                                                                                                              | 0               | 1001                          | —                        | 17.88                            | —               | —                  | —                | —                              | —                               | —                       | —                | —                   |
| purge                                                                                                                                                                                                                                                            | 5               | 1005                          | 0.5                      | 17.92                            | —               | 13.4               | 7.33             | 0.948                          | 1.12                            | 22.37                   | -105.3           | 1204                |
| ↓                                                                                                                                                                                                                                                                | 10              | 1010                          | 1                        | 18.05                            | —               | 13.8               | 7.37             | 0.955                          | 0.50                            | 21.52                   | -123.3           | ↓                   |
| ↓                                                                                                                                                                                                                                                                | 15              | 1015                          | 1.5                      | 18.18                            | —               | 13.3               | 7.38             | 0.956                          | 0.36                            | 19.85                   | -128.4           | ↓                   |
| ↓                                                                                                                                                                                                                                                                | 20              | 1020                          | 2                        |                                  |                 | 13.7               | 7.38             | 0.956                          | 0.32                            | 20.04                   | -129.1           | ↓                   |
| Final                                                                                                                                                                                                                                                            | 25              | 10                            |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                                                  | 30              |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                                                  | 35              |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                                                  | 40              |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                                                  | 45              |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                                                  | 50              |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                                                  | 55              |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
|                                                                                                                                                                                                                                                                  | 60              |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
| NOTES (continued)                                                                                                                                                                                                                                                |                 |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
| Sample ID, date, & time: Well ID: <u>HEN-51</u> on <u>07/18/24</u><br>Sampled @ <u>1025</u>                                                                                                                                                                      |                 |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
| ABBREVIATIONS                                                                                                                                                                                                                                                    |                 |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |
| Cond - Actual Conductivity<br>pH - pH<br>Temp - Temperature<br>ORP - Oxidation-Reduction Potential<br>SEC - Specific Electrical Conductance<br>SU - Standard Units<br>mg/L - Milligrams per Liter<br>µS/cm - Microsiemens per centimeter<br>°C - Degrees Celsius |                 |                               |                          |                                  |                 |                    |                  |                                |                                 |                         |                  |                     |

# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Visira  
 Project Number: 0054 Task #: 1145 Start Date: 8/6/2024 Time: 1145  
 Field Personnel: Lorne F. Finish Date: Same Time: 1205

## WELL INFORMATION

Well ID: 52 Casing ID: 2 (Inches)

## EVENT TYPE

Well Development  
 Well Volume Approach Sampling

Low-Flow / Low Stress Sampling Other  
 (Specify): Low Flow

YSI SERIAL NO: 24101225  
 YSI Serial NO: U102-112X

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Pre            | 0               | 1145            |                          | 54.01                 |                 |                    |                 |                         |                                        |                                  |                   |                |
| Purge          | 5               | 1150            |                          | 54.01                 |                 | 19.7               | 7.13            | 924                     | 3.16                                   | 3.54                             | 123.7             |                |
|                | 10              | 1155            |                          | 54.01                 |                 | 19.9               | 7.05            | 932                     | 1.15                                   | 1.39                             | 127.0             |                |
|                | 15              | 1200            |                          | 54.05                 |                 | 20.0               | 7.04            | 932                     | 1.00                                   | 1.29                             | 127.2             |                |
| *****          | 20              | 1205            | 2.6A1                    | 54.05                 |                 | 20.0               | 7.04            | 932                     | 0.98                                   | 1.20                             | 126.9             |                |
|                | 25              | 1210            |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 30              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

## NOTES (continued)

Sample ID: 52

Sampled @ 1205 on 8/6/24

## ABBREVIATIONS

Cond - Actual Conductivity  
 F10C - Feet Below Top of Casing na -  
 Not Applicable  
 Temp - Temperature  
 °C - Degrees Celsius

ORP - Oxidation-Reduction Potential SEC -  
 Specific Electrical Conductance SU - Standard  
 Units

# WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

## PROJECT INFORMATION

Site: Hennepin Client: Visita  
 Project Number: 0054 Task #: 8 Start Date: 8/6/2024 Time: 1015  
 Field Personnel: Corne, F. Finish Date: Same Time: 1040

## WELL INFORMATION

Well ID: 54 2 (Inches)  
 Casing ID: 2102112-X  
 Well Development: Well Volume Approach Sampling  
 Low-Flow / Low Stress Sampling Other (Specify): Low Flow  
 YSI SERIAL NO: 244101225  
 Heron Serial NO: 2102112-X

## WATER QUALITY INDICATOR PARAMETERS (continued)

| Sampling Stage | Minutes Elapsed | Time (military) | Volume Removed (gallons) | Depth to Water (Feet) | Drawdown (Feet) | Temp. (°C) +/- 0.1 | pH (SU) +/- 0.1 | SEC or Cond. (µs/cm) 3% | Dissolved Oxygen (mg/L) 10% or +/- 0.2 | Turbidity (NTU) 10% or <10 NTU's | ORP (mV) +/- 10mV | Visual Clarity |
|----------------|-----------------|-----------------|--------------------------|-----------------------|-----------------|--------------------|-----------------|-------------------------|----------------------------------------|----------------------------------|-------------------|----------------|
| Pre            | 0               | 1015            |                          | 53.59                 |                 |                    |                 |                         |                                        |                                  |                   |                |
| Purge          | 5               | 1020            |                          | 53.60                 |                 | 17.1               | 7.40            | .870                    | 5.30                                   | 1.11                             | 119.4             | Clear          |
|                | 10              | 1025            |                          | 53.62                 |                 | 18.7               | 7.28            | .871                    | 3.33                                   | .51                              | 124.7             |                |
|                | 15              | 1030            |                          | 53.64                 |                 | 19.0               | 7.28            | .874                    | 3.18                                   | .47                              | 124.6             |                |
| *****          | 20              | 1035            |                          | 53.66                 |                 | 19.0               | 7.29            | .874                    | 3.16                                   | .61                              | 124.8             |                |
|                | 25              | 1040            | 2.56                     | 53.68                 |                 | 19.0               | 7.29            | .874                    | 3.07                                   | .81                              | 124.9             |                |
|                | 30              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 35              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 40              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 45              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 50              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 55              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |
|                | 60              |                 |                          |                       |                 |                    |                 |                         |                                        |                                  |                   |                |

## NOTES (continued)

Sample ID: 54  
 Sampled @ 1040 on 8/6/24

## ABBREVIATIONS

Cond - Actual Conductivity  
 FT BTOC - Feet Below Top of Casing na - Not Applicable  
 Temp - Temperature  
 nm - Not Measured  
 ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Stannous Units  
 °C - Degrees Celsius

Dupe @ 1045

**SAR-3: Episodic Depth to Groundwater Measurements**

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

Plant: HEN  
Event: HEN-24Q3 Rev 0

| Well   | Unique ID       | Date    | Time  | Measured |            | Dedicated Pump? | Dedicated Tubing? | als      |
|--------|-----------------|---------|-------|----------|------------|-----------------|-------------------|----------|
|        |                 |         |       | DTW      | Comments   |                 |                   | Initials |
| 02 L   | HEN_02          |         |       |          |            |                 |                   |          |
| 04R L  | HEN_04R         |         |       |          |            |                 |                   |          |
| 05R L  | HEN_05!R        |         |       |          |            |                 |                   |          |
| 05DR L | HEN_05&DR       |         |       |          |            |                 |                   |          |
| 06     | HEN_06          | 7/15/24 | 1210  | 22.72    | 33.19:DTP  | Y               | Y                 | AB       |
| 10 L   | HEN_10          |         |       |          |            |                 |                   |          |
| 11 L   | HEN_11          |         |       |          |            |                 |                   |          |
| 15 L   | HEN_15          |         |       |          |            |                 |                   |          |
| 19SR L | HEN_19#SR       |         |       |          |            |                 |                   |          |
| 19D L  | HEN_19&D        |         |       |          |            |                 |                   |          |
| 25     | HEN_25          | 7/15/24 | 0918  | 15.80    | DTP: 18.15 | Y               | Y                 | AB       |
| 26     | HEN_26          | 7/15/24 | 0920  | 15.94    | DTP: 27.4  | Y               | Y                 | AB       |
| 30     | HEN_30          | 7/15/24 | 0928  | 4.5      | DTP: 21.3  | Y               | Y                 | AB       |
| 31     | HEN_31          | 7/15/24 | 0930  | 6.43     | DTP: 10.25 | Y               | Y                 | AB       |
| 33     | HEN_33          | 7/15/24 | 1100  | 3.72     | DTP: 38.21 | Y               | Y                 | AB       |
| 36     | HEN_36          | 7/15/24 | 0905  | 15.3     | DTB: 28.8  | N               | N                 | AB       |
| 40S L  | HEN_40#S        |         |       |          |            |                 |                   |          |
| 45S    | HEN_45#S        | 7/15/24 | 1215  | 11.36    | DTP: 38.53 | Y               | Y                 | AB       |
| 48R L  | HEN_48R         |         |       |          |            |                 |                   |          |
| XPW01  | HEN_XPW01_pore  | 7/15/24 | 1203  | 11.12    | DTB: 19.77 | N               | N                 | AB       |
| XPW02  | HEN_XPW02_pore  | 7/15/24 | 1200  | 15.33    | DTB: 21.75 | N               | N                 | AB       |
| XPW03  | HEN_XPW03_pore  | 7/15/24 | 1130  | 6.41     | DTB: 22.01 | N               | N                 | AB       |
| * SG02 | HEN_YSG_ILRIVER | see     | SAR 4 | SG03     |            |                 |                   |          |

has transducer

U: 05/02/24 JRK

**SAR-3: Episodic Depth to Groundwater Measurements**

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

Plant: HEN  
Event: HEN-24Q3 Rev 0

| Well  | Unique ID       | Date    | Time | Measured |          | Dedicated Pump? | Dedicated Tubing? | Initials |
|-------|-----------------|---------|------|----------|----------|-----------------|-------------------|----------|
|       |                 |         |      | DTW      | Comments |                 |                   | als      |
| 02    | HEN_02          | 7-15-24 | 1055 | 45.02    |          | Y               | Y                 | LF       |
| 04R   | HEN_04R         | 7-15-24 | 1155 | 45.37    |          | Y               | Y                 | LF       |
| 05R   | HEN_05!R        | 7-15-24 | 1240 | 41.27    |          | Y               | Y                 | LF       |
| 05DR  | HEN_05&DR       | 7-15-24 | 1250 | 41.23    |          | Y               | Y                 | LF       |
| 06    | HEN_06          |         |      |          |          |                 |                   |          |
| 10    | HEN_10          | 7-15-24 | 0930 | 50.78    |          | Y               | Y                 | LF       |
| 11    | HEN_11          | 7-15-24 | 0925 | 51.03    |          | NO              | NO                | LF       |
| 15    | HEN_15          | 7-15-24 | 1130 | 49.65    |          | YES             | YES               | LF       |
| 19SR  | HEN_19#SR       | 7-15-24 | 1210 | 37.59    |          | NO              | NO                | LF       |
| 19D   | HEN_19&D        | 7-15-24 | 1200 | 40.11    |          | YES             | YES               | LF       |
| 25    | HEN_25          |         |      |          |          |                 |                   |          |
| 26    | HEN_26          |         |      |          |          |                 |                   |          |
| 30    | HEN_30          |         |      |          |          |                 |                   |          |
| 31    | HEN_31          |         |      |          |          |                 |                   |          |
| 33    | HEN_33          |         |      |          |          |                 |                   |          |
| 36    | HEN_36          |         |      |          |          |                 |                   |          |
| 40S   | HEN_40#S        | 7-15-24 | 1225 | 40.55    |          | Y               | Y                 | LF       |
| 45S   | HEN_45#S        |         |      |          |          |                 |                   |          |
| 48R   | HEN_48R         | 7-15-24 | 1230 | 40.80    |          | N               | N                 | LF       |
| XPW01 | HEN_XPW01_pore  |         |      |          |          |                 |                   |          |
| XPW02 | HEN_XPW02_pore  |         |      |          |          |                 |                   |          |
| XPW03 | HEN_XPW03_pore  |         |      |          |          |                 |                   |          |
| SG02  | HEN_YSG_ILRIVER |         |      |          |          |                 |                   |          |

53 Hen 53 7-15-24 0955 55.62 U: 05/02/24 JRK NO NO LF



**SAR-4: Depth to Groundwater Measurements - On-site Transducer Downloads**  
All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.  
Plant: HEN  
Event: HEN-24Q3 Rev 0

| Well  | Unique ID | Date    | Time | Measured<br><br>DTW | On-site Transducer Data |                                    |                               |                   |              | Comments  | Dedicated Pump? | Dedicated Tubing? | Initials    |
|-------|-----------|---------|------|---------------------|-------------------------|------------------------------------|-------------------------------|-------------------|--------------|-----------|-----------------|-------------------|-------------|
|       |           |         |      |                     | Data Logger Serial No.  | Does Data Logger Serial No. Match? | WL Reading on Transducer (ft) | Data down-loaded? | Batt (H/M/L) |           |                 |                   |             |
| 03R   | HEN_03R   |         |      |                     | 21615140                |                                    |                               |                   |              |           |                 |                   |             |
| 07    | HEN_07    | 7-15-24 | 1425 | 67.77               | 21615139                | Yes                                | 450.638                       | Y                 | H            | DTP 7227  | Y               | Y                 | LF          |
| 08    | HEN_08    | 7-15-24 | 1025 | 53.25               | 21615138                | Yes                                | 447.680                       | Y                 | H            | DTP 5705  | Y               | Y                 | LF          |
| 08D   | HEN_08&D  | 7-15-24 | 1013 | 54.24               | 21921673                | Yes                                | 447.188                       | Y                 | H            | DTP 5424  | Y               | Y                 | LF DTP 8428 |
| 12    | HEN_12    |         |      |                     | 21615520                |                                    |                               |                   |              |           |                 |                   |             |
| 13    | HEN_13    |         |      |                     | 21615515                |                                    |                               |                   |              |           |                 |                   |             |
| 16    | HEN_16    | 7-15-24 | 1105 | 54.42               | 21615534                | Yes                                | 447.130                       | Y                 | H            | DTP 6078  | Y               | Y                 | LF          |
| 17    | HEN_17    | 7-15-24 | 1125 | 56.41               | 21615500                | Yes                                | 450.810                       | Y                 | H            | DTP 61.98 | Y               | Y                 | LF          |
| 18S   | HEN_18#S  | 7-15-24 | 1310 | 40.60               | 21615482                | Yes                                | 447.103                       | Y                 | H            | DTP 42.99 | Y               | Y                 | LF          |
| 18D   | HEN_18&D  | 7-15-24 | 1300 | 40.77               | 21615609                | Yes                                | 446.480                       | Y                 | H            | DTP 7229  | Y               | Y                 | LF          |
| 21R   | HEN_21R   |         |      |                     | 21615613                |                                    |                               |                   |              |           |                 |                   |             |
| 22    | HEN_22    |         |      |                     | 21615497                |                                    |                               |                   |              |           |                 |                   |             |
| 22D   | HEN_22&D  |         |      |                     | 21564134                |                                    |                               |                   |              |           |                 |                   |             |
| 23    | HEN_23    |         |      |                     | 21615600                |                                    |                               |                   |              |           |                 |                   |             |
| 27    | HEN_27    |         |      |                     | 21615576                |                                    |                               |                   |              |           |                 |                   |             |
| 32    | HEN_32    |         |      |                     | 21615487                |                                    |                               |                   |              |           |                 |                   |             |
| 34    | HEN_34    |         |      |                     | 21615509                |                                    |                               |                   |              |           |                 |                   |             |
| 35    | HEN_35    |         |      |                     | 21615510                |                                    |                               |                   |              |           |                 |                   |             |
| 46    | HEN_46    |         |      |                     | 21615491                |                                    |                               |                   |              |           |                 |                   |             |
| 47    | HEN_47    |         |      |                     | 21615505                |                                    |                               |                   |              |           |                 |                   |             |
| 49    | HEN_49    |         |      |                     | 21629307                |                                    |                               |                   |              |           |                 |                   |             |
| 50    | HEN_50    |         |      |                     | 21615489                |                                    |                               |                   |              |           |                 |                   |             |
| 51    | HEN_51    |         |      |                     | 21615608                |                                    |                               |                   |              |           |                 |                   |             |
| 52    | HEN_52    | 7-15-24 | 0940 | 60.98               | 21615145                | Yes                                | 447.195                       | Y                 | H            | DTP 6098  | Y               | Y                 | LF 60.98    |
| 54    | HEN_54    |         |      |                     | 21615143                |                                    |                               |                   |              |           |                 |                   |             |
| 55    | HEN_55    |         |      |                     | 21615612                |                                    |                               |                   |              |           |                 |                   |             |
| XSG01 | HEN_XSG01 |         |      |                     | 21768087                |                                    |                               |                   |              |           |                 |                   |             |
| SG03  | HEN_YSG03 |         |      |                     | 21768088                |                                    |                               |                   |              |           |                 |                   |             |

**Notes:**  
Batt = battery  
bmp = below measuring point  
ft = feet  
H = high  
L = low  
M = medium  
R = replaced

U: 05/02/24 JRK

R601-Hen



**SAR-4: Depth to Groundwater Measurements - On-site Transducer Downloads**  
All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.  
Plant: HEN  
Event: HEN-24Q3 Rev 0

| Well  | Unique ID | Date    | Time | Measured<br><br>DTW | On-site Transducer Data |                                    |                               |                   |              | Comments   | Dedicated Pump? | Dedicated Tubing? | Initials |
|-------|-----------|---------|------|---------------------|-------------------------|------------------------------------|-------------------------------|-------------------|--------------|------------|-----------------|-------------------|----------|
|       |           |         |      |                     | Data Logger Serial No.  | Does Data Logger Serial No. Match? | WL Reading on Transducer (ft) | Data down-loaded? | Batt (H/M/L) |            |                 |                   |          |
| 03R   | HEN_03R   | 7/15/24 | 1305 | 35.04               | 21615140                | Y                                  | 447.19                        | Y                 | H            | DTP: 77.08 | Y               | Y                 | AB       |
| 07    | HEN_07    |         |      |                     | 21615139                |                                    |                               |                   |              |            |                 |                   |          |
| 08    | HEN_08    |         |      |                     | 21615138                |                                    |                               |                   |              |            |                 |                   |          |
| 08D   | HEN_08&D  |         |      |                     | 21921673                |                                    |                               |                   |              |            |                 |                   |          |
| 12    | HEN_12    | 7/15/24 | 1135 | 51.41               | 21615520                | Y                                  | 447.29                        | Y                 | H            | DTP: 52.32 | Y               | Y                 | AB       |
| 13    | HEN_13    | 7/15/24 | 1140 | 51.34               | 21615515                | Y                                  | 444.07                        | Y                 | H            | DTP: 62.02 | Y               | Y                 | AB       |
| 16    | HEN_16    |         |      |                     | 21615534                |                                    |                               |                   |              |            |                 |                   |          |
| 17    | HEN_17    |         |      |                     | 21615500                |                                    |                               |                   |              |            |                 |                   |          |
| 18S   | HEN_18#S  |         |      |                     | 21615482                |                                    |                               |                   |              |            |                 |                   |          |
| 18D   | HEN_18&D  |         |      |                     | 21615609                |                                    |                               |                   |              |            |                 |                   |          |
| 21R   | HEN_21R   | 7/15/24 | 1010 | 5.81                | 21615613                | Y                                  | 446.52                        | Y                 | H            | DTP: 45.63 | Y               | Y                 | AB       |
| 22    | HEN_22    | 7/15/24 | 1040 | 18.39               | 21615497                | Y                                  | 446.34                        | Y                 | H            | DTP: 27.4  | Y               | Y                 | AB       |
| 22D   | HEN_22&D  | 7/15/24 | 1045 | 19.11               | 21564134                | Y                                  | 446.53                        | Y                 | H            | DTP: 53.12 | Y               | Y                 | AB       |
| 23    | HEN_23    | 7/15/24 | 1025 | 14.82               | 21615600                | Y                                  | 446.77                        | Y                 | H            | DTP: 35.2  | Y               | Y                 | AB       |
| 27    | HEN_27    | 7/15/24 | 0935 | 4.12                | 21615576                | Y                                  | 446.66                        | Y                 | M            | DTP: 30.41 | Y               | Y                 | AB       |
| 32    | HEN_32    | 7/15/24 | 0945 | 5.01                | 21615487                | Y                                  | 446.69                        | Y                 | H            | DTP: 13.34 | Y               | Y                 | AB       |
| 34    | HEN_34    | 7/15/24 | 1000 | 6.67                | 21615509                | NO TRANSDUCER                      |                               |                   |              | DTP: 30.21 | Y               | Y                 | AB       |
| 35    | HEN_35    | 7/15/24 | 0910 | 8.25                | 21615510                | Y                                  | 446.43                        | Y                 | H            | DTP: 14.09 | Y               | Y                 | AB       |
| 46    | HEN_46    | 7/15/24 | 1125 | 51.62               | 21615491                | Y                                  | 446.83                        | Y                 | H            | DTP: 55.00 | Y               | Y                 | AB       |
| 47    | HEN_47    | 7/15/24 | 1150 | 55.87               | 21615505                | Y                                  | 447.10                        | Y                 | H            | DTP: 58.76 | Y               | Y                 | AB       |
| 49    | HEN_49    | 7/15/24 | 1030 | 21.5                | 21629307                | Y                                  | 446.89                        | Y                 | H            | DTP: 38.63 | Y               | Y                 | AB       |
| 50    | HEN_50    | 7/15/24 | 0845 | 18.11               | 21615489                | Y                                  | 446.07                        | Y                 | H            | DTP: 25.2  | Y               | Y                 | AB       |
| 51    | HEN_51    | 7/15/24 | 1020 | 18.29               | 21615608                | Y                                  | 446.57                        | Y                 | H            | DTP: 58.45 | Y               | Y                 | AB       |
| 52    | HEN_52    |         |      |                     | 21615145                |                                    |                               |                   |              |            |                 |                   |          |
| 54    | HEN_54    | 7/15/24 | 1147 | 53.32               | 21615143                | Y                                  | 447.14                        | Y                 | H            | DTP: 69.14 | Y               | Y                 | AB       |
| 55    | HEN_55    | 7/15/24 | 1045 | 50.91               | 21615612                | Y                                  | 447.90                        | Y                 | H            | DTP: 94.06 | Y               | Y                 | AB       |
| XSG01 | HEN_XSG01 | 7/15/24 | 1120 | 10.14               | 21768087                | Y                                  | 483.47                        | Y                 | H            | —          | N               | N                 | AB       |
| SG03  | HEN_YSG03 | 7/15/24 | 1230 | 5.25                | 21768088                | Y                                  | 8.835                         | Y                 | M            | —          | N               | N                 | AB       |

**Notes:**  
Batt = battery  
bmp = below measuring point  
ft = feet  
H = high  
L = low  
M = medium  
R = replaced

U: 05/02/24 JRK

RG01 HEN\_RG01  
(record serial No.)

7/15/24 data downloaded @ 1300

Serial no:

-52492 or 21628684

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Brian Voelker  
Vistra Energy Corp  
133 S 4th, Suite 206  
Springfield, Illinois 62701

Generated 09/06/24 15:03:05

## JOB DESCRIPTION

HEN-24Q3  
HEN\_000\_RAD

## JOB NUMBER

500-253560-2

## 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 Chicago Project Manager.

## Authorization



Generated  
09/06/24 15:03:05

Authorized for release by  
Dirk Nelson, Project Management Assistant II  
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## Case Narrative

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2

Client: Vistra Energy Corp  
Project: HEN-24Q3

**Job ID: 500-253560-2**

**Eurofins Chicago**

### Job Narrative 500-253560-2

#### Receipt

The samples were received on 07/16/24 13:05. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 18 coolers at receipt time were -0.2° C, 0.8° C, 0.9° C, 0.9° C, 1.6° C, 1.7° C, 3.1° C, 4.0° C, 4.2° C, 5.7° C, 5.7° C, 5.7° C, 5.9° C, 9.1° C, 11.3° C, 11.8° C, 11.8° C and 12.7° C.

#### Receipt Exceptions

Received bottles for samples 28 & 32 marked out on the COC, logged them in. HEN\_27 (500-253560-28) and HEN\_35\_FD (500-253560-32)

The following samples from the July sampling event were received at the laboratory outside the required temperature criteria: HEN\_17 (500-253560-24), HEN\_21R (500-253560-25), HEN\_21R\_MS (500-253560-25[MS]), HEN\_21R\_MSD (500-253560-25[MSD]), HEN\_22 (500-253560-26), HEN\_22&D (500-253560-27), HEN\_27 (500-253560-28), HEN\_32 (500-253560-29), HEN\_34 (500-253560-30), HEN\_35 (500-253560-31), HEN\_35\_FD (500-253560-32), HEN\_46 (500-253560-33), HEN\_47 (500-253560-34), HEN\_49 (500-253560-35), HEN\_49\_MS (500-253560-35[MS]), HEN\_49\_MSD (500-253560-35[MSD]), HEN\_50 (500-253560-36), HEN\_52 (500-253560-37), HEN\_54 (500-253560-38) and HEN\_54\_FD (500-253560-39). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to cancel analysis, pending resampling.

Affected samples were recollected on 08/06/24 and added to the existing login to report together.

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): HEN\_FB (500-253560-40) Sample date added to COC to match date of collection of other samples turned in on the COC, default sample time of 00:00 recorded.

#### RAD

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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## Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN-24-5908  
SDG: HEN\_000\_RAD

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| <b>Client Sample ID: HEN_07</b>         | <b>Lab Sample ID: 500-253560-1</b>  |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_12</b>         | <b>Lab Sample ID: 500-253560-2</b>  |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_13</b>         | <b>Lab Sample ID: 500-253560-3</b>  |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_03R</b>        | <b>Lab Sample ID: 500-253560-5</b>  |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_03R_FD</b>     | <b>Lab Sample ID: 500-253560-6</b>  |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_08</b>         | <b>Lab Sample ID: 500-253560-9</b>  |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_08&amp;D</b>   | <b>Lab Sample ID: 500-253560-10</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_16</b>         | <b>Lab Sample ID: 500-253560-12</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_16_FD</b>      | <b>Lab Sample ID: 500-253560-13</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_18&amp;D</b>   | <b>Lab Sample ID: 500-253560-14</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_18#S</b>       | <b>Lab Sample ID: 500-253560-15</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_45#S</b>       | <b>Lab Sample ID: 500-253560-17</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_23</b>         | <b>Lab Sample ID: 500-253560-19</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_51</b>         | <b>Lab Sample ID: 500-253560-21</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: FB</b>             | <b>Lab Sample ID: 500-253560-22</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_17</b>         | <b>Lab Sample ID: 500-253560-24</b> |
| <input type="checkbox"/> No Detections. |                                     |

This Detection Summary does not include radiochemical test results.

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# Detection Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN-24-5908  
SDG: HEN\_000\_RAD

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| <b>Client Sample ID: HEN_21R</b>        | <b>Lab Sample ID: 500-253560-25</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_22</b>         | <b>Lab Sample ID: 500-253560-26</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_22&amp;D</b>   | <b>Lab Sample ID: 500-253560-27</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_27</b>         | <b>Lab Sample ID: 500-253560-28</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_32</b>         | <b>Lab Sample ID: 500-253560-29</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_34</b>         | <b>Lab Sample ID: 500-253560-30</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_35</b>         | <b>Lab Sample ID: 500-253560-31</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_35_FD</b>      | <b>Lab Sample ID: 500-253560-32</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_46</b>         | <b>Lab Sample ID: 500-253560-33</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_47</b>         | <b>Lab Sample ID: 500-253560-34</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_49</b>         | <b>Lab Sample ID: 500-253560-35</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_50</b>         | <b>Lab Sample ID: 500-253560-36</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_52</b>         | <b>Lab Sample ID: 500-253560-37</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_54</b>         | <b>Lab Sample ID: 500-253560-38</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_54_FD</b>      | <b>Lab Sample ID: 500-253560-39</b> |
| <input type="checkbox"/> No Detections. |                                     |
| <b>Client Sample ID: HEN_FB</b>         | <b>Lab Sample ID: 500-253560-40</b> |
| <input type="checkbox"/> No Detections. |                                     |

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

# Method Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-2  
SDG: HEN\_000\_RAD

| 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

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 500-253560-1  | HEN_07           | Water  | 07/15/24 15:20 | 07/16/24 13:05 |
| 500-253560-2  | HEN_12           | Water  | 07/15/24 15:45 | 07/16/24 13:05 |
| 500-253560-3  | HEN_13           | Water  | 07/15/24 16:35 | 07/16/24 13:05 |
| 500-253560-5  | HEN_03R          | Water  | 07/16/24 09:53 | 07/17/24 09:40 |
| 500-253560-6  | HEN_03R_FD       | Water  | 07/16/24 09:53 | 07/17/24 09:40 |
| 500-253560-9  | HEN_08           | Water  | 07/16/24 14:00 | 07/17/24 09:40 |
| 500-253560-10 | HEN_08&D         | Water  | 07/16/24 15:46 | 07/17/24 09:40 |
| 500-253560-12 | HEN_16           | Water  | 07/16/24 15:30 | 07/17/24 09:40 |
| 500-253560-13 | HEN_16_FD        | Water  | 07/16/24 15:40 | 07/17/24 09:40 |
| 500-253560-14 | HEN_18&D         | Water  | 07/16/24 13:17 | 07/17/24 09:40 |
| 500-253560-15 | HEN_18#S         | Water  | 07/16/24 12:06 | 07/17/24 09:40 |
| 500-253560-17 | HEN_45#S         | Water  | 07/16/24 08:42 | 07/17/24 09:40 |
| 500-253560-19 | HEN_23           | Water  | 07/18/24 09:45 | 07/18/24 13:00 |
| 500-253560-21 | HEN_51           | Water  | 07/18/24 10:25 | 07/18/24 13:00 |
| 500-253560-22 | FB               | Water  | 07/18/24 08:00 | 07/18/24 13:00 |
| 500-253560-24 | HEN_17           | Water  | 08/06/24 09:10 | 08/07/24 09:05 |
| 500-253560-25 | HEN_21R          | Water  | 08/06/24 13:15 | 08/07/24 09:05 |
| 500-253560-26 | HEN_22           | Water  | 08/06/24 15:50 | 08/07/24 09:05 |
| 500-253560-27 | HEN_22&D         | Water  | 08/06/24 15:15 | 08/07/24 09:05 |
| 500-253560-28 | HEN_27           | Water  | 08/06/24 10:45 | 08/07/24 09:05 |
| 500-253560-29 | HEN_32           | Water  | 08/06/24 10:00 | 08/07/24 09:05 |
| 500-253560-30 | HEN_34           | Water  | 08/06/24 09:10 | 08/07/24 09:05 |
| 500-253560-31 | HEN_35           | Water  | 08/06/24 11:35 | 08/07/24 09:05 |
| 500-253560-32 | HEN_35_FD        | Water  | 08/06/24 11:35 | 08/07/24 09:05 |
| 500-253560-33 | HEN_46           | Water  | 08/06/24 09:55 | 08/07/24 09:05 |
| 500-253560-34 | HEN_47           | Water  | 08/06/24 11:20 | 08/07/24 09:05 |
| 500-253560-35 | HEN_49           | Water  | 08/06/24 14:20 | 08/07/24 09:05 |
| 500-253560-36 | HEN_50           | Water  | 08/06/24 15:35 | 08/07/24 09:05 |
| 500-253560-37 | HEN_52           | Water  | 08/06/24 12:05 | 08/07/24 09:05 |
| 500-253560-38 | HEN_54           | Water  | 08/06/24 10:40 | 08/07/24 09:05 |
| 500-253560-39 | HEN_54_FD        | Water  | 08/06/24 10:45 | 08/07/24 09:05 |
| 500-253560-40 | HEN_FB           | Water  | 08/06/24 00:00 | 08/07/24 09:05 |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_07

Date Collected: 07/15/24 15:20

Date Received: 07/16/24 13:05

Lab Sample ID: 500-253560-1

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 | 0.280  |           | 0.100                       | 0.103                       | 1.00 | 0.0958 | pCi/L | 07/18/24 08:48 | 08/09/24 14:41 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.3   |           | 30 - 110                    |                             |      |        |       | 07/18/24 08:48 | 08/09/24 14:41 | 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 | 0.156  | U         | 0.367                       | 0.367                       | 1.00 | 0.643 | pCi/L | 07/18/24 08:52 | 07/30/24 12:36 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.3   |           | 30 - 110                    |                             |      |       |       | 07/18/24 08:52 | 07/30/24 12:36 | 1       |
| Y Carrier  | 78.9   |           | 30 - 110                    |                             |      |       |       | 07/18/24 08:52 | 07/30/24 12:36 | 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 | 0.436  | U         | 0.380                       | 0.381                       | 5.00 | 0.643 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_12

Lab Sample ID: 500-253560-2

Date Collected: 07/15/24 15:45

Matrix: Water

Date Received: 07/16/24 13:05

## 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 | 0.0849 | U         | 0.0680                      | 0.0684                      | 1.00 | 0.0982 | pCi/L | 07/18/24 08:48 | 08/09/24 14:41 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.5   |           | 30 - 110                    |                             |      |        |       | 07/18/24 08:48 | 08/09/24 14:41 | 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 | 0.556  |           | 0.362                       | 0.365                       | 1.00 | 0.529 | pCi/L | 07/18/24 08:52 | 07/30/24 12:32 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.5   |           | 30 - 110                    |                             |      |       |       | 07/18/24 08:52 | 07/30/24 12:32 | 1       |
| Y Carrier  | 80.7   |           | 30 - 110                    |                             |      |       |       | 07/18/24 08:52 | 07/30/24 12:32 | 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 | 0.641  |           | 0.368                       | 0.371                       | 5.00 | 0.529 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_13

Lab Sample ID: 500-253560-3

Date Collected: 07/15/24 16:35

Matrix: Water

Date Received: 07/16/24 13:05

## 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  |           | 0.0700                      | 0.0706                      | 1.00 | 0.0923 | pCi/L | 07/18/24 08:48 | 08/09/24 14:41 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 92.8   |           | 30 - 110                    |                             |      |        |       | 07/18/24 08:48 | 08/09/24 14:41 | 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 | 0.0465 | U         | 0.308                       | 0.308                       | 1.00 | 0.565 | pCi/L | 07/18/24 08:52 | 07/30/24 12:32 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 92.8   |           | 30 - 110                    |                             |      |       |       | 07/18/24 08:52 | 07/30/24 12:32 | 1       |
| Y Carrier  | 83.4   |           | 30 - 110                    |                             |      |       |       | 07/18/24 08:52 | 07/30/24 12:32 | 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 | 0.153  | U         | 0.316                       | 0.316                       | 5.00 | 0.565 | pCi/L |          | 09/06/24 12:16 | 1       |



# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_03R

Lab Sample ID: 500-253560-5

Date Collected: 07/16/24 09:53

Matrix: Water

Date Received: 07/17/24 09:40

## 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 | 0.0912 |           | 0.0608                      | 0.0614                      | 1.00 | 0.0763 | pCi/L | 07/19/24 07:30 | 08/12/24 23:59 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 90.6   |           | 30 - 110                    |                             |      |        |       | 07/19/24 07:30 | 08/12/24 23:59 | 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 | 0.0642 | U         | 0.296                       | 0.296                       | 1.00 | 0.538 | pCi/L | 07/19/24 07:33 | 07/31/24 12:21 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 90.6   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:21 | 1       |
| Y Carrier  | 83.4   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:21 | 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 | 0.155  | U         | 0.302                       | 0.302                       | 5.00 | 0.538 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN 1245908  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_03R\_FD

Lab Sample ID: 500-253560-6

Date Collected: 07/16/24 09:53

Matrix: Water

Date Received: 07/17/24 09:40

## 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 | -0.000698 | U         | 0.0415                      | 0.0415                      | 1.00 | 0.0895 | pCi/L | 07/19/24 07:30 | 08/12/24 23:59 | 1       |
| Carrier    | %Yield    | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.8      |           | 30 - 110                    |                             |      |        |       | 07/19/24 07:30 | 08/12/24 23:59 | 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 | -0.105 | U         | 0.293                       | 0.293                       | 1.00 | 0.573 | pCi/L | 07/19/24 07:33 | 07/31/24 12:22 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.8   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:22 | 1       |
| Y Carrier  | 85.2   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 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 | 0.000  | U         | 0.296                       | 0.296                       | 5.00 | 0.573 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_08

Lab Sample ID: 500-253560-9

Date Collected: 07/16/24 14:00

Matrix: Water

Date Received: 07/17/24 09:40

## 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 | 0.0845 | U         | 0.0648                      | 0.0652                      | 1.00 | 0.0917 | pCi/L | 07/19/24 07:30 | 08/15/24 09:59 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 88.3   |           | 30 - 110                    |                             |      |        |       | 07/19/24 07:30 | 08/15/24 09:59 | 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 | 0.512  | U         | 0.383                       | 0.386                       | 1.00 | 0.590 | pCi/L | 07/19/24 07:33 | 07/31/24 12:08 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 88.3   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:08 | 1       |
| Y Carrier  | 85.2   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:08 | 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 | 0.596  |           | 0.388                       | 0.391                       | 5.00 | 0.590 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN-24-5908  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_08&D

Lab Sample ID: 500-253560-10

Date Collected: 07/16/24 15:46

Matrix: Water

Date Received: 07/17/24 09:40

## 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 | 0.112  |           | 0.0721                      | 0.0728                      | 1.00 | 0.0953 | pCi/L | 07/19/24 07:30 | 08/13/24 07:38 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 88.3   |           | 30 - 110                    |                             |      |        |       | 07/19/24 07:30 | 08/13/24 07:38 | 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 | 0.306  | U         | 0.340                       | 0.341                       | 1.00 | 0.555 | pCi/L | 07/19/24 07:33 | 07/31/24 12:08 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 88.3   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:08 | 1       |
| Y Carrier  | 84.1   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:08 | 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 | 0.418  | U         | 0.348                       | 0.349                       | 5.00 | 0.555 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_16

Lab Sample ID: 500-253560-12

Date Collected: 07/16/24 15:30

Matrix: Water

Date Received: 07/17/24 09:40

## 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 | 0.117  |           | 0.0746                      | 0.0753                      | 1.00 | 0.0973 | pCi/L | 07/19/24 07:30 | 08/13/24 07:38 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 83.6   |           | 30 - 110                    |                             |      |        |       | 07/19/24 07:30 | 08/13/24 07:38 | 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 | -0.137 | U         | 0.315                       | 0.316                       | 1.00 | 0.623 | pCi/L | 07/19/24 07:33 | 07/31/24 12:06 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 83.6   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:06 | 1       |
| Y Carrier  | 84.9   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:06 | 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 | 0.117  | U         | 0.324                       | 0.325                       | 5.00 | 0.623 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN 1245808  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_16\_FD

Lab Sample ID: 500-253560-13

Date Collected: 07/16/24 15:40

Matrix: Water

Date Received: 07/17/24 09:40

## 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         | 0.0801                      | 0.0805                      | 1.00 | 0.123 | pCi/L | 07/19/24 07:30 | 08/13/24 07:38 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 85.4   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:30 | 08/13/24 07:38 | 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 | 0.206  | U         | 0.315                       | 0.316                       | 1.00 | 0.535 | pCi/L | 07/19/24 07:33 | 07/31/24 12:06 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 85.4   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:06 | 1       |
| Y Carrier  | 84.9   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:06 | 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 | 0.295  | U         | 0.325                       | 0.326                       | 5.00 | 0.535 | pCi/L |          | 09/06/24 12:16 | 1       |



# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_18&D

Lab Sample ID: 500-253560-14

Date Collected: 07/16/24 13:17

Matrix: Water

Date Received: 07/17/24 09:40

## 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 | 0.215  |           | 0.0907                      | 0.0928                      | 1.00 | 0.0959 | pCi/L | 07/19/24 07:30 | 08/13/24 07:38 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 87.6   |           | 30 - 110                    |                             |      |        |       | 07/19/24 07:30 | 08/13/24 07:38 | 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         | 0.324                       | 0.325                       | 1.00 | 0.542 | pCi/L | 07/19/24 07:33 | 07/31/24 12:06 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 87.6   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:06 | 1       |
| Y Carrier  | 84.5   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:06 | 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 | 0.457  | U         | 0.336                       | 0.338                       | 5.00 | 0.542 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_18#S

Lab Sample ID: 500-253560-15

Date Collected: 07/16/24 12:06

Matrix: Water

Date Received: 07/17/24 09:40

## 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 | 0.0654 | U         | 0.0654                      | 0.0657                      | 1.00 | 0.102 | pCi/L | 07/19/24 07:30 | 08/13/24 07:38 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 83.9   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:30 | 08/13/24 07:38 | 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 | 0.193  | U         | 0.320                       | 0.321                       | 1.00 | 0.550 | pCi/L | 07/19/24 07:33 | 07/31/24 12:07 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 83.9   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:07 | 1       |
| Y Carrier  | 83.4   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:07 | 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 | 0.258  | U         | 0.327                       | 0.328                       | 5.00 | 0.550 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_45#S

Lab Sample ID: 500-253560-17

Date Collected: 07/16/24 08:42

Matrix: Water

Date Received: 07/17/24 09:40

## 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 | 0.155  |           | 0.0792                      | 0.0804                      | 1.00 | 0.0918 | pCi/L | 07/19/24 07:30 | 08/13/24 07:38 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 87.6   |           | 30 - 110                    |                             |      |        |       | 07/19/24 07:30 | 08/13/24 07:38 | 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 | 0.220  | U         | 0.316                       | 0.317                       | 1.00 | 0.533 | pCi/L | 07/19/24 07:33 | 07/31/24 12:07 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 87.6   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:07 | 1       |
| Y Carrier  | 86.7   |           | 30 - 110                    |                             |      |       |       | 07/19/24 07:33 | 07/31/24 12:07 | 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 | 0.375  | U         | 0.326                       | 0.327                       | 5.00 | 0.533 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

**Client Sample ID: HEN\_23**  
**Date Collected: 07/18/24 09:45**  
**Date Received: 07/18/24 13:00**

**Lab Sample ID: 500-253560-19**  
**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 | 0.0446 | U         | 0.0540                      | 0.0542                      | 1.00 | 0.0884 | pCi/L | 07/23/24 08:14 | 08/14/24 15:09 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 97.3   |           | 30 - 110                    |                             |      |        |       | 07/23/24 08:14 | 08/14/24 15:09 | 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 | 0.321  | U         | 0.281                       | 0.283                       | 1.00 | 0.440 | pCi/L | 07/23/24 08:19 | 08/02/24 11:35 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 97.3   |           | 30 - 110                    |                             |      |       |       | 07/23/24 08:19 | 08/02/24 11:35 | 1       |
| Y Carrier  | 86.4   |           | 30 - 110                    |                             |      |       |       | 07/23/24 08:19 | 08/02/24 11:35 | 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         | 0.286                       | 0.288                       | 5.00 | 0.440 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

**Client Sample ID: HEN\_51**  
**Date Collected: 07/18/24 10:25**  
**Date Received: 07/18/24 13:00**

**Lab Sample ID: 500-253560-21**  
**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 | 0.614  |           | 0.134                       | 0.145                       | 1.00 | 0.0862 | pCi/L | 07/23/24 08:14 | 08/14/24 15:10 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.0   |           | 30 - 110                    |                             |      |        |       | 07/23/24 08:14 | 08/14/24 15:10 | 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 | 0.688  |           | 0.347                       | 0.353                       | 1.00 | 0.470 | pCi/L | 07/23/24 08:19 | 08/02/24 11:36 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.0   |           | 30 - 110                    |                             |      |       |       | 07/23/24 08:19 | 08/02/24 11:36 | 1       |
| Y Carrier  | 82.2   |           | 30 - 110                    |                             |      |       |       | 07/23/24 08:19 | 08/02/24 11:36 | 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 | 1.30   |           | 0.372                       | 0.382                       | 5.00 | 0.470 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN 1245908  
SDG: HEN\_000\_RAD

**Client Sample ID: FB**

**Lab Sample ID: 500-253560-22**

**Date Collected: 07/18/24 08:00**

**Matrix: Water**

**Date Received: 07/18/24 13:00**

## 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 | 0.0463 | U         | 0.0534                      | 0.0535                      | 1.00 | 0.0860 | pCi/L | 07/23/24 08:14 | 08/14/24 15:10 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.3   |           | 30 - 110                    |                             |      |        |       | 07/23/24 08:14 | 08/14/24 15:10 | 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 | -0.0205 | U         | 0.262                       | 0.262                       | 1.00 | 0.498 | pCi/L | 07/23/24 08:19 | 08/02/24 11:36 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.3    |           | 30 - 110                    |                             |      |       |       | 07/23/24 08:19 | 08/02/24 11:36 | 1       |
| Y Carrier  | 85.6    |           | 30 - 110                    |                             |      |       |       | 07/23/24 08:19 | 08/02/24 11:36 | 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 | 0.0463 | U         | 0.267                       | 0.267                       | 5.00 | 0.498 | pCi/L |          | 09/06/24 12:16 | 1       |



# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_17

Lab Sample ID: 500-253560-24

Date Collected: 08/06/24 09:10

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.0733 | U         | 0.0635                      | 0.0638                      | 1.00 | 0.0951 | pCi/L | 08/09/24 07:54 | 09/03/24 20:20 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.6   |           | 30 - 110                    |                             |      |        |       | 08/09/24 07:54 | 09/03/24 20:20 | 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 | 0.671  |           | 0.395                       | 0.400                       | 1.00 | 0.578 | pCi/L | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.6   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Y Carrier  | 84.1   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 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 | 0.745  |           | 0.400                       | 0.405                       | 5.00 | 0.578 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_21R

Lab Sample ID: 500-253560-25

Date Collected: 08/06/24 13:15

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.454  |           | 0.123                       | 0.129                       | 1.00 | 0.101 | pCi/L | 08/09/24 07:54 | 09/03/24 20:20 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 87.7   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:54 | 09/03/24 20:20 | 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 | 0.918  |           | 0.411                       | 0.420                       | 1.00 | 0.545 | pCi/L | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 87.7   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Y Carrier  | 84.9   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 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 | 1.37   |           | 0.429                       | 0.439                       | 5.00 | 0.545 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN 1245808  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_22

Lab Sample ID: 500-253560-26

Date Collected: 08/06/24 15:50

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.0751 | U         | 0.0574                      | 0.0578                      | 1.00 | 0.0793 | pCi/L | 08/09/24 07:54 | 09/03/24 20:21 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.1   |           | 30 - 110                    |                             |      |        |       | 08/09/24 07:54 | 09/03/24 20:21 | 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 | 0.0272 | U         | 0.289                       | 0.289                       | 1.00 | 0.536 | pCi/L | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.1   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Y Carrier  | 83.0   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 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 | 0.102  | U         | 0.295                       | 0.295                       | 5.00 | 0.536 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_22&D

Lab Sample ID: 500-253560-27

Date Collected: 08/06/24 15:15

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.446  |           | 0.116                       | 0.123                       | 1.00 | 0.0846 | pCi/L | 08/09/24 07:54 | 09/03/24 20:21 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.3   |           | 30 - 110                    |                             |      |        |       | 08/09/24 07:54 | 09/03/24 20:21 | 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 | 0.933  |           | 0.382                       | 0.391                       | 1.00 | 0.488 | pCi/L | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 95.3   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Y Carrier  | 85.6   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 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 | 1.38   |           | 0.399                       | 0.410                       | 5.00 | 0.488 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_27

Lab Sample ID: 500-253560-28

Date Collected: 08/06/24 10:45

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.159  |           | 0.0733                      | 0.0746                      | 1.00 | 0.0743 | pCi/L | 08/09/24 07:54 | 09/03/24 20:21 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.4   |           | 30 - 110                    |                             |      |        |       | 08/09/24 07:54 | 09/03/24 20:21 | 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 | 0.0941 | U         | 0.328                       | 0.328                       | 1.00 | 0.585 | pCi/L | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.4   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Y Carrier  | 83.7   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 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 | 0.253  | U         | 0.336                       | 0.336                       | 5.00 | 0.585 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_32

Lab Sample ID: 500-253560-29

Date Collected: 08/06/24 10:00

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.0566 | U         | 0.0538                      | 0.0541                      | 1.00 | 0.0815 | pCi/L | 08/09/24 07:54 | 09/03/24 20:21 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.3   |           | 30 - 110                    |                             |      |        |       | 08/09/24 07:54 | 09/03/24 20:21 | 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 | -0.0701 | U         | 0.257                       | 0.257                       | 1.00 | 0.508 | pCi/L | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 98.3    |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Y Carrier  | 83.7    |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 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 | 0.0566 | U         | 0.263                       | 0.263                       | 5.00 | 0.508 | pCi/L |          | 09/06/24 12:16 | 1       |



# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_34

Lab Sample ID: 500-253560-30

Date Collected: 08/06/24 09:10

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.213  |           | 0.0946                      | 0.0965                      | 1.00 | 0.110 | pCi/L | 08/09/24 07:54 | 09/03/24 20:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 88.7   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:54 | 09/03/24 20:24 | 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 | -0.199 | U         | 0.335                       | 0.336                       | 1.00 | 0.666 | pCi/L | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 88.7   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:24 | 1       |
| Y Carrier  | 86.7   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 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 | 0.213  | U         | 0.348                       | 0.350                       | 5.00 | 0.666 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_35

Lab Sample ID: 500-253560-31

Date Collected: 08/06/24 11:35

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.115  |           | 0.0776                      | 0.0783                      | 1.00 | 0.108 | pCi/L | 08/09/24 07:54 | 09/03/24 20:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.3   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:54 | 09/03/24 20:24 | 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 | 0.404  | U         | 0.327                       | 0.329                       | 1.00 | 0.509 | pCi/L | 08/09/24 07:58 | 08/21/24 12:25 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.3   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:25 | 1       |
| Y Carrier  | 88.6   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:25 | 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 | 0.519  |           | 0.336                       | 0.338                       | 5.00 | 0.509 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_35\_FD

Lab Sample ID: 500-253560-32

Date Collected: 08/06/24 11:35

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.0672 | U         | 0.0663                      | 0.0666                      | 1.00 | 0.104 | pCi/L | 08/09/24 07:54 | 09/03/24 20:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 97.8   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:54 | 09/03/24 20:24 | 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 | 0.0652 | U         | 0.285                       | 0.285                       | 1.00 | 0.516 | pCi/L | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 97.8   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Y Carrier  | 85.2   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 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 | 0.132  | U         | 0.293                       | 0.293                       | 5.00 | 0.516 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_46

Lab Sample ID: 500-253560-33

Date Collected: 08/06/24 09:55

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.0715 | U         | 0.0715                      | 0.0718                      | 1.00 | 0.113 | pCi/L | 08/09/24 07:54 | 09/03/24 20:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 92.6   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:54 | 09/03/24 20:24 | 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 | 0.0400 | U         | 0.264                       | 0.264                       | 1.00 | 0.487 | pCi/L | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 92.6   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Y Carrier  | 88.2   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 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 | 0.111  | U         | 0.274                       | 0.274                       | 5.00 | 0.487 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_47

Lab Sample ID: 500-253560-34

Date Collected: 08/06/24 11:20

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.130  |           | 0.0728                      | 0.0737                      | 1.00 | 0.0889 | pCi/L | 08/09/24 07:54 | 09/03/24 20:24 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.9   |           | 30 - 110                    |                             |      |        |       | 08/09/24 07:54 | 09/03/24 20:24 | 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 | -0.0115 | U         | 0.286                       | 0.286                       | 1.00 | 0.543 | pCi/L | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.9    |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Y Carrier  | 83.4    |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 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 | 0.130  | U         | 0.295                       | 0.295                       | 5.00 | 0.543 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_49

Lab Sample ID: 500-253560-35

Date Collected: 08/06/24 14:20

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.136  |           | 0.0750                      | 0.0760                      | 1.00 | 0.0936 | pCi/L | 08/09/24 08:06 | 09/03/24 20:26 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.4   |           | 30 - 110                    |                             |      |        |       | 08/09/24 08:06 | 09/03/24 20:26 | 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 | 0.305  | U         | 0.322                       | 0.323                       | 1.00 | 0.520 | pCi/L | 08/09/24 08:14 | 08/20/24 12:13 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.4   |           | 30 - 110                    |                             |      |       |       | 08/09/24 08:14 | 08/20/24 12:13 | 1       |
| Y Carrier  | 73.6   |           | 30 - 110                    |                             |      |       |       | 08/09/24 08:14 | 08/20/24 12:13 | 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 | 0.442  | U         | 0.331                       | 0.332                       | 5.00 | 0.520 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_50

Lab Sample ID: 500-253560-36

Date Collected: 08/06/24 15:35

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.251  |           | 0.0946                      | 0.0973                      | 1.00 | 0.0918 | pCi/L | 08/09/24 07:54 | 09/03/24 20:25 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 90.4   |           | 30 - 110                    |                             |      |        |       | 08/09/24 07:54 | 09/03/24 20:25 | 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 | 0.309  | U         | 0.361                       | 0.363                       | 1.00 | 0.595 | pCi/L | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 90.4   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Y Carrier  | 84.5   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 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 | 0.560  | U         | 0.373                       | 0.376                       | 5.00 | 0.595 | pCi/L |          | 09/06/24 12:16 | 1       |



# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_52

Lab Sample ID: 500-253560-37

Date Collected: 08/06/24 12:05

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.0740 | U         | 0.0621                      | 0.0624                      | 1.00 | 0.0910 | pCi/L | 08/09/24 07:54 | 09/03/24 20:25 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 92.4   |           | 30 - 110                    |                             |      |        |       | 08/09/24 07:54 | 09/03/24 20:25 | 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 | 0.221  | U         | 0.298                       | 0.298                       | 1.00 | 0.499 | pCi/L | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 92.4   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Y Carrier  | 86.4   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 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 | 0.295  | U         | 0.304                       | 0.304                       | 5.00 | 0.499 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_54

Lab Sample ID: 500-253560-38

Date Collected: 08/06/24 10:40

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.138  |           | 0.0745                      | 0.0755                      | 1.00 | 0.0890 | pCi/L | 08/09/24 07:54 | 09/03/24 20:25 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.2   |           | 30 - 110                    |                             |      |        |       | 08/09/24 07:54 | 09/03/24 20:25 | 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         | 0.247                       | 0.247                       | 1.00 | 0.522 | pCi/L | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 91.2   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Y Carrier  | 87.9   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 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 | 0.138  | U         | 0.258                       | 0.258                       | 5.00 | 0.522 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_54\_FD

Lab Sample ID: 500-253560-39

Date Collected: 08/06/24 10:45

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.129  | U         | 0.0915                      | 0.0923                      | 1.00 | 0.133 | pCi/L | 08/09/24 07:54 | 09/03/24 20:25 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 87.7   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:54 | 09/03/24 20:25 | 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 | 0.363  | U         | 0.357                       | 0.359                       | 1.00 | 0.574 | pCi/L | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 87.7   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Y Carrier  | 89.0   |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 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 | 0.491  | U         | 0.369                       | 0.371                       | 5.00 | 0.574 | pCi/L |          | 09/06/24 12:16 | 1       |

# Client Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
245 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Client Sample ID: HEN\_FB

Lab Sample ID: 500-253560-40

Date Collected: 08/06/24 00:00

Matrix: Water

Date Received: 08/07/24 09:05

## 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 | 0.0102 | U         | 0.0400                      | 0.0400                      | 1.00 | 0.0802 | pCi/L | 08/09/24 07:54 | 09/03/24 20:25 | 1       |
| Carrier    | %Yield | Qualifier | Limits                      |                             |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 89.7   |           | 30 - 110                    |                             |      |        |       | 08/09/24 07:54 | 09/03/24 20:25 | 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 | 0.00916 | U         | 0.307                       | 0.307                       | 1.00 | 0.572 | pCi/L | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Carrier    | %Yield  | Qualifier | Limits                      |                             |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 89.7    |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 1       |
| Y Carrier  | 84.1    |           | 30 - 110                    |                             |      |       |       | 08/09/24 07:58 | 08/21/24 12:26 | 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 | 0.0194 | U         | 0.310                       | 0.310                       | 5.00 | 0.572 | pCi/L |          | 09/06/24 12:16 | 1       |

# Definitions/Glossary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN-1845808  
SDG: HEN\_000\_RAD

## Qualifiers

### Rad

| Qualifier | Qualifier Description                           |
|-----------|-------------------------------------------------|
| U         | Result is less than the sample detection limit. |

## 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                                                                                       |

# QC Association Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

## Rad

### Prep Batch: 671237

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method     | Prep Batch |
|--------------------|--------------------|-----------|--------|------------|------------|
| 500-253560-1       | HEN_07             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-2       | HEN_12             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-3       | HEN_13             | Total/NA  | Water  | PrecSep-21 |            |
| MB 160-671237/1-A  | Method Blank       | Total/NA  | Water  | PrecSep-21 |            |
| LCS 160-671237/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep-21 |            |

### Prep Batch: 671238

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|--------------------|--------------------|-----------|--------|-----------|------------|
| 500-253560-1       | HEN_07             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-2       | HEN_12             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-3       | HEN_13             | Total/NA  | Water  | PrecSep_0 |            |
| MB 160-671238/1-A  | Method Blank       | Total/NA  | Water  | PrecSep_0 |            |
| LCS 160-671238/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep_0 |            |

### Prep Batch: 671460

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method     | Prep Batch |
|--------------------|--------------------|-----------|--------|------------|------------|
| 500-253560-5       | HEN_03R            | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-6       | HEN_03R_FD         | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-9       | HEN_08             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-10      | HEN_08&D           | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-12      | HEN_16             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-13      | HEN_16_FD          | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-14      | HEN_18&D           | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-15      | HEN_18#S           | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-17      | HEN_45#S           | Total/NA  | Water  | PrecSep-21 |            |
| MB 160-671460/1-A  | Method Blank       | Total/NA  | Water  | PrecSep-21 |            |
| LCS 160-671460/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-5 DU    | HEN_03R            | Total/NA  | Water  | PrecSep-21 |            |

### Prep Batch: 671461

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|--------------------|--------------------|-----------|--------|-----------|------------|
| 500-253560-5       | HEN_03R            | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-6       | HEN_03R_FD         | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-9       | HEN_08             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-10      | HEN_08&D           | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-12      | HEN_16             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-13      | HEN_16_FD          | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-14      | HEN_18&D           | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-15      | HEN_18#S           | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-17      | HEN_45#S           | Total/NA  | Water  | PrecSep_0 |            |
| MB 160-671461/1-A  | Method Blank       | Total/NA  | Water  | PrecSep_0 |            |
| LCS 160-671461/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-5 DU    | HEN_03R            | Total/NA  | Water  | PrecSep_0 |            |

### Prep Batch: 671938

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method     | Prep Batch |
|--------------------|--------------------|-----------|--------|------------|------------|
| 500-253560-19      | HEN_23             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-21      | HEN_51             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-22      | FB                 | Total/NA  | Water  | PrecSep-21 |            |
| MB 160-671938/1-A  | Method Blank       | Total/NA  | Water  | PrecSep-21 |            |
| LCS 160-671938/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep-21 |            |

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# QC Association Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

## Rad

### Prep Batch: 671939

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|--------------------|--------------------|-----------|--------|-----------|------------|
| 500-253560-19      | HEN_23             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-21      | HEN_51             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-22      | FB                 | Total/NA  | Water  | PrecSep_0 |            |
| MB 160-671939/1-A  | Method Blank       | Total/NA  | Water  | PrecSep_0 |            |
| LCS 160-671939/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep_0 |            |

### Prep Batch: 674439

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method     | Prep Batch |
|--------------------|--------------------|-----------|--------|------------|------------|
| 500-253560-24      | HEN_17             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-25      | HEN_21R            | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-26      | HEN_22             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-27      | HEN_22&D           | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-28      | HEN_27             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-29      | HEN_32             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-30      | HEN_34             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-31      | HEN_35             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-32      | HEN_35_FD          | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-33      | HEN_46             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-34      | HEN_47             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-36      | HEN_50             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-37      | HEN_52             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-38      | HEN_54             | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-39      | HEN_54_FD          | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-40      | HEN_FB             | Total/NA  | Water  | PrecSep-21 |            |
| MB 160-674439/1-A  | Method Blank       | Total/NA  | Water  | PrecSep-21 |            |
| LCS 160-674439/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-25 MS   | HEN_21R_MS         | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-25 MSD  | HEN_21R_MSD        | Total/NA  | Water  | PrecSep-21 |            |

### Prep Batch: 674440

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|--------------------|--------------------|-----------|--------|-----------|------------|
| 500-253560-24      | HEN_17             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-25      | HEN_21R            | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-26      | HEN_22             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-27      | HEN_22&D           | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-28      | HEN_27             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-29      | HEN_32             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-30      | HEN_34             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-31      | HEN_35             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-32      | HEN_35_FD          | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-33      | HEN_46             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-34      | HEN_47             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-36      | HEN_50             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-37      | HEN_52             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-38      | HEN_54             | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-39      | HEN_54_FD          | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-40      | HEN_FB             | Total/NA  | Water  | PrecSep_0 |            |
| MB 160-674440/1-A  | Method Blank       | Total/NA  | Water  | PrecSep_0 |            |
| LCS 160-674440/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-25 MS   | HEN_21R_MS         | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-25 MSD  | HEN_21R_MSD        | Total/NA  | Water  | PrecSep_0 |            |

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# QC Association Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

## Rad

### Prep Batch: 674443

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method     | Prep Batch |
|--------------------|--------------------|-----------|--------|------------|------------|
| 500-253560-35      | HEN_49             | Total/NA  | Water  | PrecSep-21 |            |
| MB 160-674443/1-A  | Method Blank       | Total/NA  | Water  | PrecSep-21 |            |
| LCS 160-674443/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-35 MS   | HEN_49_MS          | Total/NA  | Water  | PrecSep-21 |            |
| 500-253560-35 MSD  | HEN_49_MSD         | Total/NA  | Water  | PrecSep-21 |            |

### Prep Batch: 674444

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|--------------------|--------------------|-----------|--------|-----------|------------|
| 500-253560-35      | HEN_49             | Total/NA  | Water  | PrecSep_0 |            |
| MB 160-674444/1-A  | Method Blank       | Total/NA  | Water  | PrecSep_0 |            |
| LCS 160-674444/2-A | Lab Control Sample | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-35 MS   | HEN_49_MS          | Total/NA  | Water  | PrecSep_0 |            |
| 500-253560-35 MSD  | HEN_49_MSD         | Total/NA  | Water  | PrecSep_0 |            |

# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-2  
SDG: HEN\_000\_RAD

## Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-671237/1-A  
Matrix: Water  
Analysis Batch: 674436

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 671237

| Analyte    | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------------|-----------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | 0.03822   | U            | 0.0568                | 0.0569                | 1.00 | 0.0976 | pCi/L | 07/18/24 08:48 | 08/09/24 14:18 | 1       |
| Carrier    | MB %Yield | MB Qualifier | Limits                |                       |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 80.4      |              | 30 - 110              |                       |      |        |       | 07/18/24 08:48 | 08/09/24 14:18 | 1       |

Lab Sample ID: LCS 160-671237/2-A  
Matrix: Water  
Analysis Batch: 674436

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 671237

| Analyte    |            | Spike Added   | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits |
|------------|------------|---------------|------------|----------|-----------------------|------|-------|-------|------|-------------|
| Radium-226 |            | 9.58          | 9.606      |          | 1.02                  | 1.00 | 0.129 | pCi/L | 100  | 75 - 125    |
| Carrier    | LCS %Yield | LCS Qualifier | Limits     |          |                       |      |       |       |      |             |
| Ba Carrier | 90.3       |               | 30 - 110   |          |                       |      |       |       |      |             |

Lab Sample ID: MB 160-671460/1-A  
Matrix: Water  
Analysis Batch: 674767

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 671460

| Analyte    | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------------|-----------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | 0.01208   | U            | 0.0418                | 0.0419                | 1.00 | 0.0823 | pCi/L | 07/19/24 07:30 | 08/12/24 23:56 | 1       |
| Carrier    | MB %Yield | MB Qualifier | Limits                |                       |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.8      |              | 30 - 110              |                       |      |        |       | 07/19/24 07:30 | 08/12/24 23:56 | 1       |

Lab Sample ID: LCS 160-671460/2-A  
Matrix: Water  
Analysis Batch: 674767

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 671460

| Analyte    |            | Spike Added   | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | %Rec | %Rec Limits |
|------------|------------|---------------|------------|----------|-----------------------|------|--------|-------|------|-------------|
| Radium-226 |            | 9.58          | 9.127      |          | 0.959                 | 1.00 | 0.0990 | pCi/L | 95   | 75 - 125    |
| Carrier    | LCS %Yield | LCS Qualifier | Limits     |          |                       |      |        |       |      |             |
| Ba Carrier | 93.8       |               | 30 - 110   |          |                       |      |        |       |      |             |

Lab Sample ID: 500-253560-5 DU  
Matrix: Water  
Analysis Batch: 674767

Client Sample ID: HEN\_03R  
Prep Type: Total/NA  
Prep Batch: 671460

| Analyte    | Sample Result | Sample Qual | DU Result | DU Qual | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | RER  | RER Limit |
|------------|---------------|-------------|-----------|---------|-----------------------|------|--------|-------|------|-----------|
| Radium-226 | 0.0912        |             | 0.1399    |         | 0.0752                | 1.00 | 0.0834 | pCi/L | 0.36 | 1         |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-2  
JEN 245908  
SDG: HEN\_000\_RAD

## Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 500-253560-5 DU  
Matrix: Water  
Analysis Batch: 674767

Client Sample ID: HEN\_03R  
Prep Type: Total/NA  
Prep Batch: 671460

|            | DU     | DU        |          |
|------------|--------|-----------|----------|
| Carrier    | %Yield | Qualifier | Limits   |
| Ba Carrier | 83.9   |           | 30 - 110 |

Lab Sample ID: MB 160-671938/1-A  
Matrix: Water  
Analysis Batch: 674941

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 671938

| Analyte    | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------------|-----------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | 0.03235   | U            | 0.0481                | 0.0482                | 1.00 | 0.0826 | pCi/L | 07/23/24 08:14 | 08/14/24 07:54 | 1       |
| Carrier    | %Yield    | Qualifier    | Limits                |                       |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 94.5      |              | 30 - 110              |                       |      |        |       | 07/23/24 08:14 | 08/14/24 07:54 | 1       |

Lab Sample ID: LCS 160-671938/2-A  
Matrix: Water  
Analysis Batch: 674941

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 671938

| Analyte    | Spike Added | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits |
|------------|-------------|------------|----------|-----------------------|------|-------|-------|------|-------------|
| Radium-226 | 9.58        | 8.917      |          | 0.950                 | 1.00 | 0.106 | pCi/L | 93   | 75 - 125    |
| Carrier    | %Yield      | Qualifier  | Limits   |                       |      |       |       |      |             |
| Ba Carrier | 86.8        |            | 30 - 110 |                       |      |       |       |      |             |

Lab Sample ID: MB 160-674439/1-A  
Matrix: Water  
Analysis Batch: 677738

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 674439

| Analyte    | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------------|-----------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | -0.01013  | U            | 0.0355                | 0.0355                | 1.00 | 0.0830 | pCi/L | 08/09/24 07:54 | 09/03/24 20:19 | 1       |
| Carrier    | %Yield    | Qualifier    | Limits                |                       |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 99.8      |              | 30 - 110              |                       |      |        |       | 08/09/24 07:54 | 09/03/24 20:19 | 1       |

Lab Sample ID: LCS 160-674439/2-A  
Matrix: Water  
Analysis Batch: 677738

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 674439

| Analyte    | Spike Added | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | %Rec | %Rec Limits |
|------------|-------------|------------|----------|-----------------------|------|--------|-------|------|-------------|
| Radium-226 | 9.58        | 8.901      |          | 0.932                 | 1.00 | 0.0992 | pCi/L | 93   | 75 - 125    |
| Carrier    | %Yield      | Qualifier  | Limits   |                       |      |        |       |      |             |
| Ba Carrier | 98.5        |            | 30 - 110 |                       |      |        |       |      |             |

# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

## Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 500-253560-25 MS  
Matrix: Water  
Analysis Batch: 677738

Client Sample ID: HEN\_21R\_MS  
Prep Type: Total/NA  
Prep Batch: 674439

| Analyte    | Sample Result | Sample Qual | Spike Added | MS Result | MS Qual | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | %Rec | %Rec Limits |  |  |
|------------|---------------|-------------|-------------|-----------|---------|-----------------------|------|--------|-------|------|-------------|--|--|
| Radium-226 | 0.454         |             | 9.53        | 8.843     |         | 0.938                 | 1.00 | 0.0898 | pCi/L | 88   | 60 - 140    |  |  |
|            |               |             |             |           |         |                       |      |        |       |      |             |  |  |
|            | MS            | MS          |             |           |         |                       |      |        |       |      |             |  |  |
| Carrier    | %Yield        | Qualifier   | Limits      |           |         |                       |      |        |       |      |             |  |  |
| Ba Carrier | 89.7          |             | 30 - 110    |           |         |                       |      |        |       |      |             |  |  |

Lab Sample ID: 500-253560-25 MSD  
Matrix: Water  
Analysis Batch: 677738

Client Sample ID: HEN\_21R\_MSD  
Prep Type: Total/NA  
Prep Batch: 674439

| Analyte    | Sample Result | Sample Qual | Spike Added | MSD Result | MSD Qual | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | %Rec | %Rec Limits | RER  | RER Limit |
|------------|---------------|-------------|-------------|------------|----------|-----------------------|------|--------|-------|------|-------------|------|-----------|
| Radium-226 | 0.454         |             | 9.41        | 9.476      |          | 0.994                 | 1.00 | 0.0864 | pCi/L | 96   | 60 - 140    | 0.33 | 1         |
|            |               |             |             |            |          |                       |      |        |       |      |             |      |           |
|            | MSD           | MSD         |             |            |          |                       |      |        |       |      |             |      |           |
| Carrier    | %Yield        | Qualifier   | Limits      |            |          |                       |      |        |       |      |             |      |           |
| Ba Carrier | 88.5          |             | 30 - 110    |            |          |                       |      |        |       |      |             |      |           |

Lab Sample ID: MB 160-674443/1-A  
Matrix: Water  
Analysis Batch: 677928

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 674443

| Analyte    | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------------|-----------------------|------|--------|-------|----------------|----------------|---------|
| Radium-226 | -0.01754  | U            | 0.0406                | 0.0407                | 1.00 | 0.0931 | pCi/L | 08/09/24 08:06 | 09/03/24 20:26 | 1       |
|            |           |              |                       |                       |      |        |       |                |                |         |
|            | MB        | MB           |                       |                       |      |        |       |                |                |         |
| Carrier    | %Yield    | Qualifier    | Limits                |                       |      |        |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101       |              | 30 - 110              |                       |      |        |       | 08/09/24 08:06 | 09/03/24 20:26 | 1       |

Lab Sample ID: LCS 160-674443/2-A  
Matrix: Water  
Analysis Batch: 677928

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 674443

| Analyte    | Spike Added | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | %Rec | %Rec Limits |  |  |
|------------|-------------|------------|----------|-----------------------|------|--------|-------|------|-------------|--|--|
| Radium-226 | 9.58        | 7.362      |          | 0.785                 | 1.00 | 0.0920 | pCi/L | 77   | 75 - 125    |  |  |
|            |             |            |          |                       |      |        |       |      |             |  |  |
|            | LCS         | LCS        |          |                       |      |        |       |      |             |  |  |
| Carrier    | %Yield      | Qualifier  | Limits   |                       |      |        |       |      |             |  |  |
| Ba Carrier | 105         |            | 30 - 110 |                       |      |        |       |      |             |  |  |

Lab Sample ID: 500-253560-35 MS  
Matrix: Water  
Analysis Batch: 677928

Client Sample ID: HEN\_49\_MS  
Prep Type: Total/NA  
Prep Batch: 674443

| Analyte    | Sample Result | Sample Qual | Spike Added | MS Result | MS Qual | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | %Rec | %Rec Limits |  |  |
|------------|---------------|-------------|-------------|-----------|---------|-----------------------|------|--------|-------|------|-------------|--|--|
| Radium-226 | 0.136         |             | 9.53        | 7.561     |         | 0.804                 | 1.00 | 0.0901 | pCi/L | 78   | 60 - 140    |  |  |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

## Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 500-253560-35 MS  
Matrix: Water  
Analysis Batch: 677928

Client Sample ID: HEN\_49\_MS  
Prep Type: Total/NA  
Prep Batch: 674443

|            | MS     | MS        |          |
|------------|--------|-----------|----------|
| Carrier    | %Yield | Qualifier | Limits   |
| Ba Carrier | 104    |           | 30 - 110 |

Lab Sample ID: 500-253560-35 MSD  
Matrix: Water  
Analysis Batch: 677928

Client Sample ID: HEN\_49\_MSD  
Prep Type: Total/NA  
Prep Batch: 674443

| Analyte    | Sample Result | Sample Qual | Spike Added | MSD Result | MSD Qual | Total Uncert. (2σ+/-) | RL   | MDC    | Unit  | %Rec | %Rec Limits | RER  | RER Limit |
|------------|---------------|-------------|-------------|------------|----------|-----------------------|------|--------|-------|------|-------------|------|-----------|
| Radium-226 | 0.136         |             | 9.58        | 7.851      |          | 0.838                 | 1.00 | 0.0924 | pCi/L | 81   | 60 - 140    | 0.18 | 1         |
|            | MSD           | MSD         |             |            |          |                       |      |        |       |      |             |      |           |
| Carrier    | %Yield        | Qualifier   | Limits      |            |          |                       |      |        |       |      |             |      |           |
| Ba Carrier | 97.5          |             | 30 - 110    |            |          |                       |      |        |       |      |             |      |           |

## Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-671238/1-A  
Matrix: Water  
Analysis Batch: 672949

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 671238

| Analyte    | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------------|-----------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.3731    | U            | 0.441                 | 0.442                 | 1.00 | 0.726 | pCi/L | 07/18/24 08:52 | 07/30/24 12:38 | 1       |
|            | MB        | MB           |                       |                       |      |       |       |                |                |         |
| Carrier    | %Yield    | Qualifier    | Limits                |                       |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 80.4      |              | 30 - 110              |                       |      |       |       | 07/18/24 08:52 | 07/30/24 12:38 | 1       |
| Y Carrier  | 82.6      |              | 30 - 110              |                       |      |       |       | 07/18/24 08:52 | 07/30/24 12:38 | 1       |

Lab Sample ID: LCS 160-671238/2-A  
Matrix: Water  
Analysis Batch: 672949

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 671238

| Analyte    | Spike Added | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits |
|------------|-------------|------------|----------|-----------------------|------|-------|-------|------|-------------|
| Radium-228 | 8.72        | 10.05      |          | 1.40                  | 1.00 | 0.590 | pCi/L | 115  | 75 - 125    |
|            | LCS         | LCS        |          |                       |      |       |       |      |             |
| Carrier    | %Yield      | Qualifier  | Limits   |                       |      |       |       |      |             |
| Ba Carrier | 90.3        |            | 30 - 110 |                       |      |       |       |      |             |
| Y Carrier  | 80.7        |            | 30 - 110 |                       |      |       |       |      |             |

Lab Sample ID: MB 160-671461/1-A  
Matrix: Water  
Analysis Batch: 673116

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 671461

| Analyte    | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------------|-----------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.4548    | U            | 0.345                 | 0.347                 | 1.00 | 0.529 | pCi/L | 07/19/24 07:33 | 07/31/24 12:07 | 1       |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-2  
SDG: HEN\_000\_RAD

## Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-671461/1-A  
Matrix: Water  
Analysis Batch: 673116

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 671461

|            | MB     | MB        |          |                |                |         |
|------------|--------|-----------|----------|----------------|----------------|---------|
| Carrier    | %Yield | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 93.8   |           | 30 - 110 | 07/19/24 07:33 | 07/31/24 12:07 | 1       |
| Y Carrier  | 84.1   |           | 30 - 110 | 07/19/24 07:33 | 07/31/24 12:07 | 1       |

Lab Sample ID: LCS 160-671461/2-A  
Matrix: Water  
Analysis Batch: 673116

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 671461

|            |        |           |                |               | Total       |                    |      |       |       |      |                |  |  |
|------------|--------|-----------|----------------|---------------|-------------|--------------------|------|-------|-------|------|----------------|--|--|
| Analyte    |        |           | Spike<br>Added | LCS<br>Result | LCS<br>Qual | Uncert.<br>(2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec<br>Limits |  |  |
| Radium-228 |        |           | 8.72           | 10.74         |             | 1.40               | 1.00 | 0.472 | pCi/L | 123  | 75 - 125       |  |  |
|            |        | LCS       | LCS            |               |             |                    |      |       |       |      |                |  |  |
| Carrier    | %Yield | Qualifier | Limits         |               |             |                    |      |       |       |      |                |  |  |
| Ba Carrier | 93.8   |           | 30 - 110       |               |             |                    |      |       |       |      |                |  |  |
| Y Carrier  | 84.5   |           | 30 - 110       |               |             |                    |      |       |       |      |                |  |  |

Lab Sample ID: 500-253560-5 DU  
Matrix: Water  
Analysis Batch: 673240

Client Sample ID: HEN\_03R  
Prep Type: Total/NA  
Prep Batch: 671461

|            |        | Sample    | Sample   | DU     | DU   | Total           |      |       |       |      |       | RER |
|------------|--------|-----------|----------|--------|------|-----------------|------|-------|-------|------|-------|-----|
| Analyte    |        | Result    | Qual     | Result | Qual | Uncert. (2σ+/-) | RL   | MDC   | Unit  | RER  | Limit |     |
| Radium-228 |        | 0.0642    | U        | 0.3732 | U    | 0.405           | 1.00 | 0.658 | pCi/L | 0.44 | 1     |     |
|            |        | DU        | DU       |        |      |                 |      |       |       |      |       |     |
| Carrier    | %Yield | Qualifier | Limits   |        |      |                 |      |       |       |      |       |     |
| Ba Carrier | 83.9   |           | 30 - 110 |        |      |                 |      |       |       |      |       |     |
| Y Carrier  | 82.2   |           | 30 - 110 |        |      |                 |      |       |       |      |       |     |

Lab Sample ID: MB 160-671939/1-A  
Matrix: Water  
Analysis Batch: 673560

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 671939

|            |         |           | Count    | Total   |      |       |       |                |                |         |
|------------|---------|-----------|----------|---------|------|-------|-------|----------------|----------------|---------|
|            | MB      | MB        | Uncert.  | Uncert. |      |       |       |                |                |         |
| Analyte    | Result  | Qualifier | (2σ+/-)  | (2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
| Radium-228 | 0.06257 | U         | 0.268    | 0.268   | 1.00 | 0.491 | pCi/L | 07/23/24 08:19 | 08/02/24 11:36 | 1       |
|            |         |           |          |         |      |       |       |                |                |         |
| Carrier    | MB      | MB        |          |         |      |       |       | Prepared       | Analyzed       | Dil Fac |
|            | %Yield  | Qualifier | Limits   |         |      |       |       |                |                |         |
| Ba Carrier | 94.5    |           | 30 - 110 |         |      |       |       | 07/23/24 08:19 | 08/02/24 11:36 | 1       |
| Y Carrier  | 79.3    |           | 30 - 110 |         |      |       |       | 07/23/24 08:19 | 08/02/24 11:36 | 1       |

Lab Sample ID: LCS 160-671939/2-A  
Matrix: Water  
Analysis Batch: 673560

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 671939

|            |  | Spike | LCS    | LCS  | Total           |      |       |       |      |          |  |  |
|------------|--|-------|--------|------|-----------------|------|-------|-------|------|----------|--|--|
| Analyte    |  | Added | Result | Qual | Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | Limits   |  |  |
| Radium-228 |  | 8.71  | 9.955  |      | 1.36            | 1.00 | 0.540 | pCi/L | 114  | 75 - 125 |  |  |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

## Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-671939/2-A  
Matrix: Water  
Analysis Batch: 673560

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 671939

|            | LCS    | LCS       |          |
|------------|--------|-----------|----------|
| Carrier    | %Yield | Qualifier | Limits   |
| Ba Carrier | 86.8   |           | 30 - 110 |
| Y Carrier  | 82.2   |           | 30 - 110 |

Lab Sample ID: MB 160-674440/1-A  
Matrix: Water  
Analysis Batch: 676130

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 674440

| Analyte    | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------------|-----------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | -0.06749  | U            | 0.262                 | 0.262                 | 1.00 | 0.509 | pCi/L | 08/09/24 07:58 | 08/21/24 12:23 | 1       |

| Carrier    | MB %Yield | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|----------|----------------|----------------|---------|
| Ba Carrier | 99.8      |              | 30 - 110 | 08/09/24 07:58 | 08/21/24 12:23 | 1       |
| Y Carrier  | 84.9      |              | 30 - 110 | 08/09/24 07:58 | 08/21/24 12:23 | 1       |

Lab Sample ID: LCS 160-674440/2-A  
Matrix: Water  
Analysis Batch: 676130

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 674440

| Analyte    | Spike Added | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits |
|------------|-------------|------------|----------|-----------------------|------|-------|-------|------|-------------|
| Radium-228 | 8.58        | 9.609      |          | 1.29                  | 1.00 | 0.476 | pCi/L | 112  | 75 - 125    |

| Carrier    | LCS %Yield | LCS Qualifier | Limits   |
|------------|------------|---------------|----------|
| Ba Carrier | 98.5       |               | 30 - 110 |
| Y Carrier  | 85.2       |               | 30 - 110 |

Lab Sample ID: 500-253560-25 MS  
Matrix: Water  
Analysis Batch: 676130

Client Sample ID: HEN\_21R\_MS  
Prep Type: Total/NA  
Prep Batch: 674440

| Analyte    | Sample Result | Sample Qual | Spike Added | MS Result | MS Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits |
|------------|---------------|-------------|-------------|-----------|---------|-----------------------|------|-------|-------|------|-------------|
| Radium-228 | 0.918         |             | 8.54        | 8.417     |         | 1.22                  | 1.00 | 0.602 | pCi/L | 88   | 60 - 140    |

| Carrier    | MS %Yield | MS Qualifier | Limits   |
|------------|-----------|--------------|----------|
| Ba Carrier | 89.7      |              | 30 - 110 |
| Y Carrier  | 83.7      |              | 30 - 110 |

Lab Sample ID: 500-253560-25 MSD  
Matrix: Water  
Analysis Batch: 676130

Client Sample ID: HEN\_21R\_MSD  
Prep Type: Total/NA  
Prep Batch: 674440

| Analyte    | Sample Result | Sample Qual | Spike Added | MSD Result | MSD Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits | RER  | RER Limit |
|------------|---------------|-------------|-------------|------------|----------|-----------------------|------|-------|-------|------|-------------|------|-----------|
| Radium-228 | 0.918         |             | 8.43        | 9.679      |          | 1.32                  | 1.00 | 0.536 | pCi/L | 104  | 60 - 140    | 0.50 | 1         |

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# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

## Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 500-253560-25 MSD  
Matrix: Water  
Analysis Batch: 676130

Client Sample ID: HEN\_21R\_MSD  
Prep Type: Total/NA  
Prep Batch: 674440

|            | MSD    | MSD       |          |
|------------|--------|-----------|----------|
| Carrier    | %Yield | Qualifier | Limits   |
| Ba Carrier | 88.5   |           | 30 - 110 |
| Y Carrier  | 86.0   |           | 30 - 110 |

Lab Sample ID: MB 160-674444/1-A  
Matrix: Water  
Analysis Batch: 675777

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 674444

| Analyte    | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | Prepared       | Analyzed       | Dil Fac |
|------------|-----------|--------------|-----------------------|-----------------------|------|-------|-------|----------------|----------------|---------|
| Radium-228 | 0.6358    |              | 0.348                 | 0.353                 | 1.00 | 0.485 | pCi/L | 08/09/24 08:14 | 08/20/24 12:13 | 1       |
| Carrier    | %Yield    | Qualifier    | Limits                |                       |      |       |       | Prepared       | Analyzed       | Dil Fac |
| Ba Carrier | 101       |              | 30 - 110              |                       |      |       |       | 08/09/24 08:14 | 08/20/24 12:13 | 1       |
| Y Carrier  | 74.4      |              | 30 - 110              |                       |      |       |       | 08/09/24 08:14 | 08/20/24 12:13 | 1       |

Lab Sample ID: LCS 160-674444/2-A  
Matrix: Water  
Analysis Batch: 675777

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 674444

| Analyte    | Spike Added | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits |
|------------|-------------|------------|----------|-----------------------|------|-------|-------|------|-------------|
| Radium-228 | 8.58        | 9.222      |          | 1.24                  | 1.00 | 0.465 | pCi/L | 107  | 75 - 125    |
| Carrier    | %Yield      | Qualifier  | Limits   |                       |      |       |       |      |             |
| Ba Carrier | 105         |            | 30 - 110 |                       |      |       |       |      |             |
| Y Carrier  | 78.1        |            | 30 - 110 |                       |      |       |       |      |             |

Lab Sample ID: 500-253560-35 MS  
Matrix: Water  
Analysis Batch: 675777

Client Sample ID: HEN\_49\_MS  
Prep Type: Total/NA  
Prep Batch: 674444

| Analyte    | Sample Result | Sample Qual | Spike Added | MS Result | MS Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits |
|------------|---------------|-------------|-------------|-----------|---------|-----------------------|------|-------|-------|------|-------------|
| Radium-228 | 0.305         | U           | 8.54        | 10.03     |         | 1.32                  | 1.00 | 0.465 | pCi/L | 114  | 60 - 140    |
| Carrier    | %Yield        | Qualifier   | Limits      |           |         |                       |      |       |       |      |             |
| Ba Carrier | 104           |             | 30 - 110    |           |         |                       |      |       |       |      |             |
| Y Carrier  | 77.8          |             | 30 - 110    |           |         |                       |      |       |       |      |             |

Lab Sample ID: 500-253560-35 MSD  
Matrix: Water  
Analysis Batch: 675777

Client Sample ID: HEN\_49\_MSD  
Prep Type: Total/NA  
Prep Batch: 674444

| Analyte    | Sample Result | Sample Qual | Spike Added | MSD Result | MSD Qual | Total Uncert. (2σ+/-) | RL   | MDC   | Unit  | %Rec | %Rec Limits | RER  | RER Limit |
|------------|---------------|-------------|-------------|------------|----------|-----------------------|------|-------|-------|------|-------------|------|-----------|
| Radium-228 | 0.305         | U           | 8.58        | 10.56      |          | 1.40                  | 1.00 | 0.596 | pCi/L | 119  | 60 - 140    | 0.20 | 1         |

Eurofins Chicago

# QC Sample Results

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

## Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 500-253560-35 MSD  
Matrix: Water  
Analysis Batch: 675777

Client Sample ID: HEN\_49\_MSD  
Prep Type: Total/NA  
Prep Batch: 674444

| Carrier    | MSD    |           | Limits   |
|------------|--------|-----------|----------|
|            | %Yield | Qualifier |          |
| Ba Carrier | 97.5   |           | 30 - 110 |
| Y Carrier  | 80.0   |           | 30 - 110 |

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- 14
- 15

# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN 1245908  
SDG: HEN\_000\_RAD

**Client Sample ID: HEN\_07**

**Date Collected: 07/15/24 15:20**

**Date Received: 07/16/24 13:05**

**Lab Sample ID: 500-253560-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671237       | MLT     | EET SL | 07/18/24 08:48       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674446       | SWS     | EET SL | 08/09/24 14:41       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671238       | MLT     | EET SL | 07/18/24 08:52       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 672930       | SCB     | EET SL | 07/30/24 12:36       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_12**

**Date Collected: 07/15/24 15:45**

**Date Received: 07/16/24 13:05**

**Lab Sample ID: 500-253560-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671237       | MLT     | EET SL | 07/18/24 08:48       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674446       | SWS     | EET SL | 08/09/24 14:41       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671238       | MLT     | EET SL | 07/18/24 08:52       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 672930       | SCB     | EET SL | 07/30/24 12:32       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_13**

**Date Collected: 07/15/24 16:35**

**Date Received: 07/16/24 13:05**

**Lab Sample ID: 500-253560-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671237       | MLT     | EET SL | 07/18/24 08:48       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674446       | SWS     | EET SL | 08/09/24 14:41       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671238       | MLT     | EET SL | 07/18/24 08:52       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 672930       | SCB     | EET SL | 07/30/24 12:32       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_03R**

**Date Collected: 07/16/24 09:53**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671460       | MLT     | EET SL | 07/19/24 07:30       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674767       | SWS     | EET SL | 08/12/24 23:59       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671461       | MLT     | EET SL | 07/19/24 07:33       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673240       | SWS     | EET SL | 07/31/24 12:21       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN 045908  
SDG: HEN\_000\_RAD

**Client Sample ID: HEN\_03R\_FD**

**Date Collected: 07/16/24 09:53**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671460       | MLT     | EET SL | 07/19/24 07:30       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674767       | SWS     | EET SL | 08/12/24 23:59       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671461       | MLT     | EET SL | 07/19/24 07:33       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673240       | SWS     | EET SL | 07/31/24 12:22       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_08**

**Date Collected: 07/16/24 14:00**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-9**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671460       | MLT     | EET SL | 07/19/24 07:30       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 675246       | SWS     | EET SL | 08/15/24 09:59       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671461       | MLT     | EET SL | 07/19/24 07:33       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673239       | SWS     | EET SL | 07/31/24 12:08       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_08&D**

**Date Collected: 07/16/24 15:46**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-10**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671460       | MLT     | EET SL | 07/19/24 07:30       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674892       | SCB     | EET SL | 08/13/24 07:38       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671461       | MLT     | EET SL | 07/19/24 07:33       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673239       | SWS     | EET SL | 07/31/24 12:08       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_16**

**Date Collected: 07/16/24 15:30**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-12**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671460       | MLT     | EET SL | 07/19/24 07:30       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674892       | SCB     | EET SL | 08/13/24 07:38       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671461       | MLT     | EET SL | 07/19/24 07:33       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673239       | SWS     | EET SL | 07/31/24 12:06       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN 045908  
SDG: HEN\_000\_RAD

**Client Sample ID: HEN\_16\_FD**

**Date Collected: 07/16/24 15:40**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-13**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671460       | MLT     | EET SL | 07/19/24 07:30       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674892       | SCB     | EET SL | 08/13/24 07:38       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671461       | MLT     | EET SL | 07/19/24 07:33       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673239       | SWS     | EET SL | 07/31/24 12:06       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_18&D**

**Date Collected: 07/16/24 13:17**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-14**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671460       | MLT     | EET SL | 07/19/24 07:30       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674892       | SCB     | EET SL | 08/13/24 07:38       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671461       | MLT     | EET SL | 07/19/24 07:33       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673239       | SWS     | EET SL | 07/31/24 12:06       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_18#S**

**Date Collected: 07/16/24 12:06**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-15**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671460       | MLT     | EET SL | 07/19/24 07:30       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674892       | SCB     | EET SL | 08/13/24 07:38       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671461       | MLT     | EET SL | 07/19/24 07:33       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673239       | SWS     | EET SL | 07/31/24 12:07       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_45#S**

**Date Collected: 07/16/24 08:42**

**Date Received: 07/17/24 09:40**

**Lab Sample ID: 500-253560-17**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671460       | MLT     | EET SL | 07/19/24 07:30       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674892       | SCB     | EET SL | 08/13/24 07:38       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671461       | MLT     | EET SL | 07/19/24 07:33       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673239       | SWS     | EET SL | 07/31/24 12:07       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN 045908  
SDG: HEN\_000\_RAD

**Client Sample ID: HEN\_23**

**Date Collected: 07/18/24 09:45**

**Date Received: 07/18/24 13:00**

**Lab Sample ID: 500-253560-19**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671938       | MLT     | EET SL | 07/23/24 08:14       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674941       | SCB     | EET SL | 08/14/24 15:09       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671939       | MLT     | EET SL | 07/23/24 08:19       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673556       | SCB     | EET SL | 08/02/24 11:35       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_51**

**Date Collected: 07/18/24 10:25**

**Date Received: 07/18/24 13:00**

**Lab Sample ID: 500-253560-21**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671938       | MLT     | EET SL | 07/23/24 08:14       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674941       | SCB     | EET SL | 08/14/24 15:10       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671939       | MLT     | EET SL | 07/23/24 08:19       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673556       | SCB     | EET SL | 08/02/24 11:36       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: FB**

**Date Collected: 07/18/24 08:00**

**Date Received: 07/18/24 13:00**

**Lab Sample ID: 500-253560-22**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 671938       | MLT     | EET SL | 07/23/24 08:14       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 674941       | SCB     | EET SL | 08/14/24 15:10       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 671939       | MLT     | EET SL | 07/23/24 08:19       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 673556       | SCB     | EET SL | 08/02/24 11:36       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_17**

**Date Collected: 08/06/24 09:10**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-24**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677738       | SWS     | EET SL | 09/03/24 20:20       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676130       | SWS     | EET SL | 08/21/24 12:24       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

**Client Sample ID: HEN\_21R**

**Date Collected: 08/06/24 13:15**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-25**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677738       | SWS     | EET SL | 09/03/24 20:20       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676130       | SWS     | EET SL | 08/21/24 12:24       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_22**

**Date Collected: 08/06/24 15:50**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-26**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677738       | SWS     | EET SL | 09/03/24 20:21       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676130       | SWS     | EET SL | 08/21/24 12:24       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_22&D**

**Date Collected: 08/06/24 15:15**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-27**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677738       | SWS     | EET SL | 09/03/24 20:21       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676130       | SWS     | EET SL | 08/21/24 12:24       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_27**

**Date Collected: 08/06/24 10:45**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-28**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677738       | SWS     | EET SL | 09/03/24 20:21       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676130       | SWS     | EET SL | 08/21/24 12:24       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |



# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

**Client Sample ID: HEN\_32**

**Date Collected: 08/06/24 10:00**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-29**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677738       | SWS     | EET SL | 09/03/24 20:21       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676130       | SWS     | EET SL | 08/21/24 12:24       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_34**

**Date Collected: 08/06/24 09:10**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-30**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677741       | SCB     | EET SL | 09/03/24 20:24       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676130       | SWS     | EET SL | 08/21/24 12:24       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_35**

**Date Collected: 08/06/24 11:35**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-31**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677741       | SCB     | EET SL | 09/03/24 20:24       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676084       | FLC     | EET SL | 08/21/24 12:25       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_35\_FD**

**Date Collected: 08/06/24 11:35**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-32**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677741       | SCB     | EET SL | 09/03/24 20:24       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676084       | FLC     | EET SL | 08/21/24 12:26       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
JEN 1245908  
SDG: HEN\_000\_RAD

**Client Sample ID: HEN\_46**

**Date Collected: 08/06/24 09:55**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-33**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677741       | SCB     | EET SL | 09/03/24 20:24       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676084       | FLC     | EET SL | 08/21/24 12:26       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_47**

**Date Collected: 08/06/24 11:20**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-34**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677741       | SCB     | EET SL | 09/03/24 20:24       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676084       | FLC     | EET SL | 08/21/24 12:26       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_49**

**Date Collected: 08/06/24 14:20**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-35**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674443       | BMW     | EET SL | 08/09/24 08:06       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677928       | SCB     | EET SL | 09/03/24 20:26       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674444       | BMW     | EET SL | 08/09/24 08:14       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 675777       | CMM     | EET SL | 08/20/24 12:13       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_50**

**Date Collected: 08/06/24 15:35**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-36**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677741       | SCB     | EET SL | 09/03/24 20:25       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676084       | FLC     | EET SL | 08/21/24 12:26       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

# Lab Chronicle

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

**Client Sample ID: HEN\_52**

**Date Collected: 08/06/24 12:05**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-37**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677741       | SCB     | EET SL | 09/03/24 20:25       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676084       | FLC     | EET SL | 08/21/24 12:26       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_54**

**Date Collected: 08/06/24 10:40**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-38**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677741       | SCB     | EET SL | 09/03/24 20:25       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676084       | FLC     | EET SL | 08/21/24 12:26       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_54\_FD**

**Date Collected: 08/06/24 10:45**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-39**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677741       | SCB     | EET SL | 09/03/24 20:25       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676084       | FLC     | EET SL | 08/21/24 12:26       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

**Client Sample ID: HEN\_FB**

**Date Collected: 08/06/24 00:00**

**Date Received: 08/07/24 09:05**

**Lab Sample ID: 500-253560-40**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method    | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|-----------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | PrecSep-21      |     |                 | 674439       | BMW     | EET SL | 08/09/24 07:54       |
| Total/NA  | Analysis   | 903.0           |     | 1               | 677741       | SCB     | EET SL | 09/03/24 20:25       |
| Total/NA  | Prep       | PrecSep_0       |     |                 | 674440       | BMW     | EET SL | 08/09/24 07:58       |
| Total/NA  | Analysis   | 904.0           |     | 1               | 676084       | FLC     | EET SL | 08/21/24 12:26       |
| Total/NA  | Analysis   | Ra226_Ra228 Pos |     | 1               | 678510       | CAH     | EET SL | 09/06/24 12:16       |

## Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Chicago

Accreditation/Certification Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
15 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-2  
SDG: HEN\_000\_RAD

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------|
| Illinois                                                                                                                                                                                              | NELAP       | 200023                | 11-30-24           |
| The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification. |             |                       |                    |
| Analysis Method                                                                                                                                                                                       | Prep Method | Matrix                | Analyte            |
| 903.0                                                                                                                                                                                                 | PrecSep-21  | Water                 | Radium-226         |
| 904.0                                                                                                                                                                                                 | PrecSep_0   | Water                 | Radium-228         |
| Ra226_Ra228 Pos                                                                                                                                                                                       |             | Water                 | Radium 226 and 228 |

**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 1 of 3                                                                                                                                                                                                                                                                                                          |  |                   |  |  |       |              |                |     |      |       |               |    |  |       |
|-----------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------|--|------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|--|--|-------|--------------|----------------|-----|------|-------|---------------|----|--|-------|
| Company: Vistra Corp-Hennepin                                                           |              | Report To: Brian Voelker                                                                        |  | Attention: Brian Voelker                 |  | <br>500-253560 COC                                                                                                                                                                                                                |  |                   |  |  |       |              |                |     |      |       |               |    |  |       |
| Address 13498 E 800th St                                                                |              | Copy To: Sam Davies samantha.davies@vistracorp.com                                              |  | Company Name Vistra Corp                 |  |                                                                                                                                                                                                                                                                                                                      |  |                   |  |  |       |              |                |     |      |       |               |    |  |       |
| Hennepin, IL 61327                                                                      |              | Jason Stuckey & Michael Olle                                                                    |  | Address see Section A                    |  |                                                                                                                                                                                                                                                                                                                      |  |                   |  |  |       |              |                |     |      |       |               |    |  |       |
| Email To <a href="mailto:Brian.Voelker@VistraCorp.com">Brian.Voelker@VistraCorp.com</a> |              | Purchase Order No. <a href="mailto:michael.olle@vistracorp.com">michael.olle@vistracorp.com</a> |  | Quote Reference                          |  |                                                                                                                                                                                                                                                                                                                      |  |                   |  |  |       |              |                |     |      |       |               |    |  |       |
| Phone: (217) 753-8911                                                                   |              | Project Name: <a href="mailto:Jason.Stuckey@vistracorp.com">Jason.Stuckey@vistracorp.com</a>    |  | Project Manager                          |  |                                                                                                                                                                                                                                                                                                                      |  |                   |  |  |       |              |                |     |      |       |               |    |  |       |
| Fax                                                                                     |              | Project Number: 50023030                                                                        |  | Profile #:                               |  | <table border="1"> <tr> <th colspan="3">REGULATORY AGENCY</th> </tr> <tr> <td>NPDES</td> <td>GROUND WATER</td> <td>DRINKING WATER</td> </tr> <tr> <td>UST</td> <td>RCRA</td> <td>OTHER</td> </tr> <tr> <td>Site Location</td> <td rowspan="2">IL</td> <td rowspan="2"></td> </tr> <tr> <td>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                                                                                   |              |                                                                                                 |  |                                          |  |                                                                                                                                                                                                                                                                                                                      |  |                   |  |  |       |              |                |     |      |       |               |    |  |       |
| Requested Due Date/TAT 10 day                                                           |              |                                                                                                 |  |                                          |  |                                                                                                                                                                                                                                                                                                                      |  |                   |  |  |       |              |                |     |      |       |               |    |  |       |

| ITEM #                     | Section D<br>Required Client Information | Valid Matrix Codes<br><u>MATRIX</u> <u>CODE</u><br>DRINKING WATER DW<br>WATER WT<br>WASTEWATER WW<br>PRODUCT P<br>SOIL/SOLID SL<br>OIL OL<br>WIPE WP<br>AIR AR<br>OTHER OT<br>TISSUE TS | MATRIX CODE | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED                     |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |                                               |          |       |                   | $\downarrow$ Analysis Test $\uparrow$ | Requested Analysis Filtered (Y/N) |             |             |                       |                             |                      |             |               |               |             |         |                         |                       |  |
|----------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------|-------------------------------|------|---------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|-----------------------------------------------|----------|-------|-------------------|---------------------------------------|-----------------------------------|-------------|-------------|-----------------------|-----------------------------|----------------------|-------------|---------------|---------------|-------------|---------|-------------------------|-----------------------|--|
|                            |                                          |                                                                                                                                                                                         |             |                             | 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 | HEN-257-801       |                                       | HEN-257-802                       | HEN-257-803 | HEN-257-804 | HEN-811-801           | HEN-845-802-805             | HEN-845-803          | HEN-845-804 | HEN-WPCP-East | HEN-WPCP-West | HEN-000-RAD | HEN-000 | Residual Chlorine (Y/N) | Project No./ Lab I.D. |  |
|                            |                                          |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             |                       |                             |                      |             |               |               |             |         |                         |                       |  |
| 1                          | HEN_02                                   |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   | X           |             |                       | A                           | SHORT HOLD - NO2     |             |               |               |             |         |                         |                       |  |
| 2                          | HEN_03R                                  |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   | X           |             | B                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 3                          | HEN_03R_FD                               |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   | X           |             | B                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 4                          | HEN_05&DR                                |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             | F                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 5                          | HEN_05IR                                 |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             | F                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 6                          | HEN_07                                   |                                                                                                                                                                                         |             |                             | 7-15-24                       | 1520 |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   | X           |             | B                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 7                          | HEN_08                                   |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   | X           |             | C                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 8                          | HEN_08&D                                 |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   | X           |             | C                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 9                          | HEN_10                                   |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             | D                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 10                         | HEN_12                                   |                                                                                                                                                                                         |             |                             | 7-15-24                       | 1545 |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             | F                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 11                         | HEN_13                                   |                                                                                                                                                                                         |             |                             | 7-15-24                       | 1635 |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             | F                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 12                         | HEN_16                                   |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             | G                     |                             |                      |             |               |               |             |         |                         |                       |  |
| 13                         | HEN_16_FD                                |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             | G                     |                             |                      |             |               |               |             |         |                         |                       |  |
| 14                         | HEN_17                                   |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             | G                     |                             |                      |             |               |               |             |         |                         |                       |  |
| 15                         | HEN_18&D                                 |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             | B                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| 16                         | HEN_18WS                                 |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               |                                |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             | B                     | SHORT HOLD - NO2            |                      |             |               |               |             |         |                         |                       |  |
| ADDITIONAL COMMENTS        |                                          |                                                                                                                                                                                         |             |                             | RELINQUISHED BY / AFFILIATION |      |                           | DATE            | TIME          | ACCEPTED BY / AFFILIATION      |                  |     |      |                                               | DATE     | TIME  | SAMPLE CONDITIONS |                                       |                                   |             |             |                       |                             |                      |             |               |               |             |         |                         |                       |  |
| HEN-24Q3 Rev 1             |                                          |                                                                                                                                                                                         |             |                             | Lorne Filewicz AGE            |      |                           | 7-15-24         | 1700          | Jenny Kernaly EETA             |                  |     |      |                                               | 7/16/24  | 1805  |                   |                                       |                                   |             |             |                       |                             |                      |             |               |               |             |         |                         |                       |  |
|                            |                                          |                                                                                                                                                                                         |             |                             | Jenny Kernaly EETA            |      |                           | 7/16/24         | 1805          | Lorne Filewicz                 |                  |     |      |                                               | 7/16/24  | 1805  |                   |                                       |                                   |             |             |                       |                             |                      |             |               |               |             |         |                         |                       |  |
| 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      |                                          |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               | Lorne Filewicz                 |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             |                       |                             |                      |             |               |               |             |         |                         |                       |  |
| SIGNATURE of SAMPLER       |                                          |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               | James Filewicz                 |                  |     |      |                                               |          |       |                   |                                       |                                   |             |             |                       |                             |                      |             |               |               |             |         |                         |                       |  |
|                            |                                          |                                                                                                                                                                                         |             |                             |                               |      |                           |                 |               | DATE Signed (MM/DD/YY)         |                  |     |      |                                               |          |       |                   |                                       |                                   | 7-15-24     |             |                       |                             |                      |             |               |               |             |         |                         |                       |  |

## CHAIN-OF-CUSTODY / Analytical Request Document

**The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately**

500-253560

ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 3, 2024

HENNEPIN POWER PLANT, EAST ASH POND

HN-845-803

## Section A

### Required Client Information

**Section B**  
**Required Project Information.**

**Section C**  
**Invoice Information:**

Page 2 of 3

|                                               |      |                                                            |                                  |                          |                     |                       |
|-----------------------------------------------|------|------------------------------------------------------------|----------------------------------|--------------------------|---------------------|-----------------------|
| Company: <b>Vistra Corp-Hennepin</b>          |      | Report To: <b>Brian Voelker</b>                            | Attention: <b>Brian Voelker</b>  |                          |                     |                       |
| Address: <b>13498 E 800th St</b>              |      | Copy To: <b>Sam Davies samantha.davies@visstracorp.com</b> | Company Name: <b>Vistra Corp</b> | <b>REGULATORY AGENCY</b> |                     |                       |
| <b>Hennepin, IL 61327</b>                     |      | <b>Jason Stuckey &amp; Michael Olle</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> |      | Purchase Order No.: <b>michael.olle@visstracorp.com</b>    | Quote Reference:                 | <b>UST</b>               | <b>RCRA</b>         | <b>OTHER</b>          |
| Phone: <b>(217) 753-8911</b>                  | Fax: | Project Name: <b>Jason.Stuckey@visstracorp.com</b>         | Project Manager:                 | <b>Site Location</b>     |                     |                       |
| <b>Requested Due Date/TAT 10 day</b>          |      | Project Number: <b>50023030</b>                            | Profile #:                       | <b>STATE:</b>            | <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<br>MATRIX CODE<br>DRINKING WATER DW<br>WATER WT<br>WASTEWATER WW<br>PRODUCT P<br>SOIL/SOLID SL<br>OIL OL<br>WIPE WP<br>AIR AR<br>OTHER OT<br>TISSUE TS | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED |         | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS           | Preservatives |                                |                  |         |       |                                               |                       |                             | Y/N<br>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                       |                        | HEN-257-801                       | HEN-257-802 | HEN-257-803 | HEN-257-804 | HEN-811-801 | HEN-845-802-805 | HEN-845-803      | HEN-845-804 | HEN-WPCP-East | HEN-WPCP-West | HEN-000-RAD | HEN-000 |  |  |  |  |                         |                       |
|                                      |                                                                                                                |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               |                       |                             |                        |                                   |             |             |             |             |                 |                  |             |               |               |             |         |  |  |  |  |                         |                       |
| 1                                    | HEN_21R                                                                                                        |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   |             | X           |             | X           | X               | H                | MS/MSD      |               |               |             |         |  |  |  |  |                         |                       |
| 2                                    | HEN_22                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   |             | X           |             | X           | X               | H                |             |               |               |             |         |  |  |  |  |                         |                       |
| 3                                    | HEN_22&D                                                                                                       |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   |             | X           |             | X           | X               | H                |             |               |               |             |         |  |  |  |  |                         |                       |
| 4                                    | HEN_23                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   |             | X           |             | X           | X               | H                |             |               |               |             |         |  |  |  |  |                         |                       |
| 5                                    | HEN_25                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   |             |             |             |             | J               | DTW Only         |             |               |               |             |         |  |  |  |  |                         |                       |
| 6                                    | HEN_26                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   |             |             |             |             | J               | DTW Only         |             |               |               |             |         |  |  |  |  |                         |                       |
| 7                                    | HEN_27                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   | X           |             | X           | X           | H               |                  |             |               |               |             |         |  |  |  |  |                         |                       |
| 8                                    | HEN_30                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   |             |             |             |             | J               | DTW Only         |             |               |               |             |         |  |  |  |  |                         |                       |
| 9                                    | HEN_31                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   |             |             |             |             | J               | DTW Only         |             |               |               |             |         |  |  |  |  |                         |                       |
| 10                                   | HEN_32                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   | X           |             | X           | X           | H               |                  |             |               |               |             |         |  |  |  |  |                         |                       |
| 11                                   | HEN_33                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   |             |             |             |             | J               | DTW Only         |             |               |               |             |         |  |  |  |  |                         |                       |
| 12                                   | HEN_34                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   | X           |             | X           | X           | H               |                  |             |               |               |             |         |  |  |  |  |                         |                       |
| 13                                   | HEN_35                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   | X           |             | X           | X           | H               |                  |             |               |               |             |         |  |  |  |  |                         |                       |
| 14                                   | HEN_35_FD                                                                                                      |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   | X           |             | X           | X           | H               |                  |             |               |               |             |         |  |  |  |  |                         |                       |
| 15                                   | HEN_36                                                                                                         |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   |             |             |             |             | J               | DTW Only         |             |               |               |             |         |  |  |  |  |                         |                       |
| 16                                   | HEN_40#C                                                                                                       |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               | X                     |                             |                        |                                   | X           |             |             |             | F               | SHORT HOLD - NO2 |             |               |               |             |         |  |  |  |  |                         |                       |
| ADDITIONAL COMMENTS                  |                                                                                                                |                                                                                                                                                                           | RELINQUISHED BY / AFFILIATION            |                             |           | DATE    | TIME                      | ACCEPTED BY / AFFILIATION |               |                                |                  | DATE    | TIME  | SAMPLE CONDITIONS                             |                       |                             |                        |                                   |             |             |             |             |                 |                  |             |               |               |             |         |  |  |  |  |                         |                       |
| HEN-24Q3 Rev 1                       |                                                                                                                |                                                                                                                                                                           | Lorne Filawicz                           |                             |           | 7-15-24 | 1700                      | Jigman KIM EET            |               |                                |                  | 7/16/24 | 11:05 |                                               |                       |                             |                        |                                   |             |             |             |             |                 |                  |             |               |               |             |         |  |  |  |  |                         |                       |
|                                      |                                                                                                                |                                                                                                                                                                           | DCU Jigman EET                           |                             |           | 7/16/24 | 13:05                     | Lorne Filawicz            |               |                                |                  | 7/16/24 | 1305  |                                               |                       |                             |                        |                                   |             |             |             |             |                 |                  |             |               |               |             |         |  |  |  |  |                         |                       |
| 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 Lorne Filawicz |                                                                                                                |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               |                       |                             |                        |                                   |             |             |             |             |                 |                  |             |               |               |             |         |  |  |  |  |                         |                       |
| SIGNATURE of SAMPLER [Signature]     |                                                                                                                |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               |                       |                             |                        |                                   |             |             |             |             |                 |                  |             |               |               |             |         |  |  |  |  |                         |                       |
| DATE Signed (MM/DD/YY) 7-15-24       |                                                                                                                |                                                                                                                                                                           |                                          |                             |           |         |                           |                           |               |                                |                  |         |       |                                               |                       |                             |                        |                                   |             |             |             |             |                 |                  |             |               |               |             |         |  |  |  |  |                         |                       |



500-253560  
HEN-24Q3

# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

## Section A Required Client Information.

Company: Visira Corp-Hennepin  
Address: 13498 E 800th St  
Hennepin, IL 61327  
Email To: Brian.Voelker@VisiraCorp.com  
Phone: (217) 753-8911 Fax:  
Requested Due Date/TAT: 10 day

## Section B Required Project Information.

Report To: Brian Voelker  
Copy To: Sam Davies samantha.davies@visiracorp.com  
Jason Stuckey & Michael Oile  
Purchase Order No. michael.oile@visiracorp.com  
Project Name: Jason.Stuckey@visiracorp.com  
Project Number: 50023030

## Section C Invoice Information.

Attention: Brian Voelker  
Company Name: Visira Corp  
Address: see Section A  
Quote Reference:  
Project Manager:  
Profile #:

Page 3 of 3

| 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) |   |   |   |   |   |   |   |   |   |   |   | Project No./ Lab I.D |
|--------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------|------|------|---------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|----------------------|
|        |                                                           |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   |   |   |   |   |   |   |                      |
|        | SAMPLE ID<br>(A-Z, 0-9 / , )<br>Sample IDs MUST BE UNIQUE | DRINKING WATER DW<br>WASTE WATER WW<br>PRODUCT P<br>SOIL/SOLID SL<br>OIL OL<br>WIPE WP<br>AIR AR<br>OTHER OT<br>TISSUE TS |           |      |      |                           |                 | Unpreserved<br>H <sub>2</sub> SO <sub>4</sub><br>HNO <sub>3</sub><br>HCl<br>NaOH<br>Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>Methanol<br>Other |               |                                   |   |   |   |   |   |   |   |   |   |   |   |                      |
| 1      | <del>HEN-45#C</del>                                       |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               | X                                 |   |   |   |   |   |   |   |   |   |   |   | SHORT HOLD - NO2     |
| 2      | <del>HEN-46</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   | X |   |   |   |   |   |   |   |   |   |   |                      |
| 3      | <del>HEN-47</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   | X |   |   |   |   |   |   |   |   |   |                      |
| 4      | <del>HEN-48R</del>                                        |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               | X                                 |   |   |   |   |   |   |   |   |   |   |   |                      |
| 5      | <del>HEN-49</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   | X |   |   |   |   |   |   |   |   |   |   | MS/MSD               |
| 6      | <del>HEN-50</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   | X |   |   |   |   |   |   |   |   |   |                      |
| 7      | <del>HEN-51</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   | X |   |   |   |   |   |   |   |   |                      |
| 8      | <del>HEN-52</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   | X |   |   |   |   |   |   |   |                      |
| 9      | <del>HEN-54</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   | X |   |   |   |   |   |   |                      |
| 10     | <del>HEN-54_FD</del>                                      |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   | X |   |   |   |   |   |                      |
| 11     | <del>HEN-56</del>                                         |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   |   |   |   |   |   |   | DTW Only             |
| 12     | <del>HEN-YSQ-ILRIVER</del>                                |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   | X | X | X | X | X | X | X | X | X | X | X | DTW Only             |
| 13     | <del>HEN-XSQ01</del>                                      |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   |   |   |   |   |   |   | DTW Only             |
| 14     | <del>FB</del>                                             |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   | X |   |   |   |   |   |   | SHORT HOLD - NO2     |
| 15     | <del>TB1</del>                                            |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   |   |   |   |   |   |   | BTEX Only            |
| 16     | <del>TB2</del>                                            |                                                                                                                           |           |      |      |                           |                 |                                                                                                                                                        |               |                                   |   |   |   |   |   |   |   |   |   |   |   | BTEX Only            |

| ADDITIONAL COMMENTS        | RELINQUISHED BY / AFFILIATION | DATE    | TIME  | ACCEPTED BY / AFFILIATION | DATE    | TIME  | SAMPLE CONDITIONS |                       |                             |                      |
|----------------------------|-------------------------------|---------|-------|---------------------------|---------|-------|-------------------|-----------------------|-----------------------------|----------------------|
| HEN-24Q3 Rev 1             | Lorne F. Lewis                | 7-15-24 | 17:00 | ETA                       | 7/16/24 | 11:05 |                   |                       |                             |                      |
|                            | ETA                           | 7/16/24 | 13:05 | ETA                       | 7/16/24 | 13:05 |                   |                       |                             |                      |
| SAMPLER NAME AND SIGNATURE |                               |         |       |                           |         |       | Temp in °C        | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER      |                               |         |       |                           |         |       |                   |                       |                             |                      |
| SIGNATURE of SAMPLER       |                               |         |       |                           |         |       |                   |                       |                             |                      |
| DATE Signed (MM/DD/YY)     |                               |         |       |                           |         |       |                   |                       |                             |                      |



# CHAIN-OF-CUSTODY / Analytical Request Document

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: <u>Visira Corp-Hennepin</u>             |  | Report To: <u>Brian Voelker</u>                           |  | Attention: <u>Brian Voelker</u>         |  |
| Address: <u>13498 E 800th St</u>                 |  | Copy To: <u>Sam Davies samantha.davies@visiracorp.com</u> |  | Company Name: <u>Visira Corp</u>        |  |
| <u>Hennepin, IL 61327</u>                        |  | <u>Jason Stuckey &amp; Michael Oile</u>                   |  | Address: <u>see Section A</u>           |  |
| Email To: <u>Brian.Voelker@VisiraCorp.com</u>    |  | Purchase Order No. <u>michael.oile@visiracorp.com</u>     |  | Quote Reference                         |  |
| Phone: <u>(217) 753-8911</u> Fax:                |  | Project Name: <u>Jason.Stuckey@visiracorp.com</u>         |  | Project Manager:                        |  |
| Requested Due Date/TAT: <u>10 day</u>            |  | Project Number: <u>50023030</u>                           |  | Profile #:                              |  |
|                                                  |  |                                                           |  | 500-253560 COC                          |  |
|                                                  |  |                                                           |  | <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<br>DRINKING WATER DW<br>WASTE WATER WW<br>PRODUCT P<br>SOIL/SOLID SL<br>OIL OL<br>WIPE WP<br>AIR AR<br>OTHER OT<br>TISSUE TS | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE<br>(G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |     |      |                                               |          | Y/N<br>Analysis Test ↓ | Requested Analysis Filtered (Y/N) |             |             |             |             |             |                 |             |             |               |               |             | Residual Chlorine (Y/N) | Project No./ Lab I D. |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|        |                                          |                                                                                                                                                                |                                          |                                | 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                             | HEN-257-801 | HEN-257-802 | HEN-257-803 | HEN-257-804 | HEN-811-801 | HEN-845-802-805 | HEN-845-803 | HEN-845-804 | HEN-WPCP-East | HEN-WPCP-West | HEN-000-RAD |                         |                       | HEN-000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|        |                                          |                                                                                                                                                                |                                          |                                |           |      |                           |                 |               |                                |                  |     |      |                                               |          |                        |                                   |             |             |             |             |             |                 |             |             |               |               |             |                         |                       |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1      | HEN_02                                   |                                                                                                                                                                |                                          |                                | 7-16-24   | 0825 |                           |                 |               |                                |                  |     |      |                                               |          |                        |                                   |             |             |             |             |             |                 |             |             |               |               |             |                         |                       |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|                            |  |                                |  |
|----------------------------|--|--------------------------------|--|
| SAMPLER NAME AND SIGNATURE |  |                                |  |
| PRINT Name of SAMPLER      |  | Lorne Filawicz                 |  |
| SIGNATURE of SAMPLER       |  | DATE Signed (MM/DD/YY) 7/16/24 |  |

0.1 → 0.2, 1.0 → 0.9, 3.2 → 3.1, 1.0 → 0.9, 0.9 → 0.8, 1.7 → 1.6

## CHAIN-OF-CUSTODY / Analytical Request Document

**The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately**

500-253560

Section A  
Required Client Information.

**Section B**  
**Required Project Information.**

**Section C**  
**Invoice Information.**

Page 2 of 3

|                                                      |      |                                                               |                                  |                          |                     |                       |
|------------------------------------------------------|------|---------------------------------------------------------------|----------------------------------|--------------------------|---------------------|-----------------------|
| Company: <b>Vistra Corp-Hennepin</b>                 |      | Report To: <b>Brian Voelker</b>                               | Attention: <b>Brian Voelker</b>  |                          |                     |                       |
| Address: <b>1349B E 800th St</b>                     |      | Copy To: <b>Sam Davies samantha.davies@visstracorp.com</b>    | Company Name: <b>Vistra Corp</b> | <b>REGULATORY AGENCY</b> |                     |                       |
| <b>Hennepin, IL 61327</b>                            |      | <b>Jason Stuckey &amp; Michael Olle</b>                       | Address: <b>see Section A</b>    | <b>NPDES</b>             | <b>GROUND WATER</b> | <b>DRINKING WATER</b> |
| Email To: <b><u>Brian.Voelker@VistraCorp.com</u></b> |      | Purchase Order No. <b><u>michael.olle@visstracorp.com</u></b> | Quote Reference                  | <b>UST</b>               | <b>RCRA</b>         | <b>OTHER</b>          |
| Phone: <b>(217) 753-8911</b>                         | Fax: | Project Name: <b><u>Jason.Stuckey@visstracorp.com</u></b>     | Project Manager                  | <b>Site Location</b>     |                     |                       |
| <b>Requested Due Date/TAT: 10 day</b>                |      | Project Number: <b>50023030</b>                               | Profile #:                       | <b>STATE</b>             | <b>IL</b>           |                       |

[illegible]

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE    | TIME | ACCEPTED BY / AFFILIATION | DATE    | TIME | SAMPLE CONDITIONS |
|---------------------|-------------------------------|---------|------|---------------------------|---------|------|-------------------|
| HEN-24Q3 Rev 1      | Lorne Liliang                 | 7/16/24 | 1540 | [Signature]               | 7/17/24 | 0940 |                   |
|                     |                               |         |      |                           |         |      |                   |

|                                                                                        |  |                        |                       |                             |                      |
|----------------------------------------------------------------------------------------|--|------------------------|-----------------------|-----------------------------|----------------------|
| 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                                                                   |  |                        |                       |                             |                      |
| PRINT Name of SAMPLER <u>Loyne F. Lewis</u><br>SIGNATURE of SAMPLER <u>[Signature]</u> |  | DATE Signed (MM/DD/YY) | 7 16 24               |                             |                      |

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## CHAIN-OF-CUSTODY / Analytical Request Document

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500-253560

|                                                                                          |  |                                                                                                 |  |                                          |  |                                                                                                                                                                                                                                                   |  |
|------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|--|------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Section A</b><br>Required Client Information:                                         |  | <b>Section B</b><br>Required Project Information                                                |  | <b>Section C</b><br>Invoice Information: |  | <div> <div>Page 1 of 3</div> <div>  <div>500-253560 COC</div> </div> </div>                                                                                    |  |
| Company: Vistra Corp-Hennepin                                                            |  | Report To: Brian Voelker                                                                        |  | Attention: Brian Voelker                 |  | <div> <div>REGULATORY AGENCY</div> <div> <div>NPDES</div> <div>GROUND WATER</div> <div>DRINKING WATER</div> </div> <div> <div>UST</div> <div>RCRA</div> <div>OTHER</div> </div> <div> <div>Site Location</div> <div>STATE: IL</div> </div> </div> |  |
| Address 13498 E 800th St                                                                 |  | Copy To: Sam Davies samantha.davies@vistracorp.com                                              |  | Company Name: Vistra Corp                |  |                                                                                                                                                                                                                                                   |  |
| Hennepin, IL 61327                                                                       |  | Jason Stuckey & Michael Olle                                                                    |  | Address see Section A                    |  |                                                                                                                                                                                                                                                   |  |
| Email To: <a href="mailto:Brian.Voelker@VistraCorp.com">Brian.Voelker@VistraCorp.com</a> |  | Purchase Order No. <a href="mailto:michael.olle@vistracorp.com">michael.olle@vistracorp.com</a> |  | Quote Reference.                         |  |                                                                                                                                                                                                                                                   |  |
| Phone (217) 753-8911                                                                     |  | Project Name <a href="mailto:Jason.Stuckey@vistracorp.com">Jason.Stuckey@vistracorp.com</a>     |  | Project Manager                          |  |                                                                                                                                                                                                                                                   |  |
| Fax:                                                                                     |  | Project Number: 50023030                                                                        |  | Profile #:                               |  |                                                                                                                                                                                                                                                   |  |
| Requested Due Date/TAT 10 day                                                            |  |                                                                                                 |  |                                          |  |                                                                                                                                                                                                                                                   |  |

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|                            |  |             |                       |                             |                      |
|----------------------------|--|-------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE |  | Temp. in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER      |  |             |                       |                             |                      |
| SIGNATURE of SAMPLER       |  |             |                       |                             |                      |
| DATE Signed (MM/DD/YY)     |  |             |                       |                             |                      |



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| REGULATORY AGENCY      |              |                |
|------------------------|--------------|----------------|
| NPDES                  | GROUND WATER | DRINKING WATER |
| UST                    | RCRA         | OTHER          |
| Site Location<br>STATE | IL           |                |

24

58 → 57, 18 → 17, 58 → 57      58 → 57, 14 → 13  
62 → 59, 43 → 42



## CHAIN-OF-CUSTODY / Analytical Request Document

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R PLANT, EAST ASH POND  
500-253560 HELI-845803

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## Section A

**Required Client Information:**

## Section B

**Required Project Information.**

### Section C

**Invoice information.**

|                                               |      |                                                           |                                  |                          |                     |                       |
|-----------------------------------------------|------|-----------------------------------------------------------|----------------------------------|--------------------------|---------------------|-----------------------|
| Company: <b>Vistra Corp-Hennepin</b>          |      | Report To: <b>Brian Voelker</b>                           | Attention: <b>Brian Voelker</b>  |                          |                     |                       |
| Address: <b>13498 E 800th St</b>              |      | Copy To: <b>Sam Davies samantha.davies@vistracorp.com</b> | Company Name: <b>Vistra Corp</b> | <b>REGULATORY AGENCY</b> |                     |                       |
| <b>Hennepin, IL 61327</b>                     |      | <b>Jason Stuckey &amp; Michael Olle</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> |      | Purchase Order No. <b>mlchael.olle@vistracorp.com</b>     | Quote Reference                  | <b>UST</b>               | <b>RCRA</b>         | <b>OTHER</b>          |
| Phone: <b>(217) 753-8911</b>                  | Fax: | Project Name: <b>Jason.Stuckey@vistracorp.com</b>         | Project Manager:                 | <b>Site Location</b>     |                     |                       |
| <b>Requested Due Date/TAT 10 day</b>          |      | Project Number: <b>50023030</b>                           | Profile #:                       | <b>STATE</b>             | <b>IL</b>           |                       |

| ITEM #              | Section D<br>Required Client Information | Valid Matrix Codes<br><u>MATRIX</u> <u>CODE</u><br>DRINKING WATER    DW<br>WATER                WT<br>WASTE WATER        WW<br>PRODUCT              P<br>SOIL/SOLID            SL<br>OIL                      OL<br>WIPE                   WP<br>AIR                      AR<br>OTHER                  OT<br>TISSUE                TS | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE<br>(G=GRAB C=COMP) | COLLECTED |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |                                |                  |                   |      |                                               |          |       |             |             | <u>Y/N</u><br><br>↓ 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 | HEN-257-801 | HEN-257-802 |                                     | HEN-257-803                       | HEN-257-804 | HEN-811-801 | HEN-845-802-805 | HEN-845-803 | HEN-845-804      | HEN-WPCP-East | HEN-WPCP-West | HEN-000-RAD | HEN-000 |                         |                      |
|                     |                                          |                                                                                                                                                                                                                                                                                                                                       |                                          |                                |           |      |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             |                                     |                                   |             |             |                 |             |                  |               |               |             |         |                         |                      |
| 1                   | <del>*</del> HEN_21R                     |                                                                                                                                                                                                                                                                                                                                       |                                          |                                | 8-6-24    | 1315 |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             | X                                   |                                   | X           | X           | H               |             | MS/MSD           |               |               |             |         |                         |                      |
| 2                   | <del>*</del> HEN_22                      |                                                                                                                                                                                                                                                                                                                                       |                                          |                                | 8-6-24    | 1550 |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             | X                                   |                                   | X           | X           | H               |             |                  |               |               |             |         |                         |                      |
| 3                   | <del>*</del> HEN_22&D                    |                                                                                                                                                                                                                                                                                                                                       |                                          |                                | 8-6-24    | 1515 |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             | X                                   |                                   | X           | X           | H               |             |                  |               |               |             |         |                         |                      |
| 4                   | HEN_23                                   |                                                                                                                                                                                                                                                                                                                                       |                                          |                                |           |      |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             | X                                   |                                   | X           | X           | H               |             |                  |               |               |             |         |                         |                      |
| 5                   | HEN_25                                   |                                                                                                                                                                                                                                                                                                                                       |                                          |                                |           |      |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             |                                     |                                   |             |             | J               |             | DTW Only         |               |               |             |         |                         |                      |
| 6                   | HEN_26                                   |                                                                                                                                                                                                                                                                                                                                       |                                          |                                |           |      |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             |                                     |                                   |             |             | J               |             | DTW Only         |               |               |             |         |                         |                      |
| 7                   | <del>*</del> HEN_27                      |                                                                                                                                                                                                                                                                                                                                       |                                          |                                | 8-6-24    | 1045 |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             | X                                   |                                   | X           | X           | H               |             |                  |               |               |             |         |                         |                      |
| 8                   | HEN_30                                   |                                                                                                                                                                                                                                                                                                                                       |                                          |                                |           |      |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             |                                     |                                   |             |             | J               |             | DTW Only         |               |               |             |         |                         |                      |
| 9                   | HEN_31                                   |                                                                                                                                                                                                                                                                                                                                       |                                          |                                |           |      |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             |                                     |                                   |             |             | J               |             | DTW Only         |               |               |             |         |                         |                      |
| 10                  | <del>*</del> HEN_32                      |                                                                                                                                                                                                                                                                                                                                       |                                          |                                | 8-6-24    | 1000 |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             | X                                   |                                   | X           | X           | H               |             |                  |               |               |             |         |                         |                      |
| 11                  | HEN_33                                   |                                                                                                                                                                                                                                                                                                                                       |                                          |                                |           |      |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             |                                     |                                   |             |             | J               |             | DTW Only         |               |               |             |         |                         |                      |
| 12                  | <del>*</del> HEN_34                      |                                                                                                                                                                                                                                                                                                                                       |                                          |                                | 8-6-24    | 0910 |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             | X                                   |                                   | X           | X           | H               |             |                  |               |               |             |         |                         |                      |
| 13                  | <del>*</del> HEN_35                      |                                                                                                                                                                                                                                                                                                                                       |                                          |                                | 8-6-24    | 1135 |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             | X                                   |                                   | X           | X           | H               |             |                  |               |               |             |         |                         |                      |
| 14                  | <del>*</del> HEN_35_FD                   |                                                                                                                                                                                                                                                                                                                                       |                                          |                                | 8-6-24    | 1135 |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             | X                                   |                                   | X           | X           | H               |             |                  |               |               |             |         |                         |                      |
| 15                  | HEN_36                                   |                                                                                                                                                                                                                                                                                                                                       |                                          |                                |           |      |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             |                                     |                                   |             |             | J               |             | DTW Only         |               |               |             |         |                         |                      |
| 16                  | HEN_40#S                                 |                                                                                                                                                                                                                                                                                                                                       |                                          |                                |           |      |                           |                 |               |                                |                  |                   |      |                                               |          |       |             |             | X                                   |                                   |             |             | E               |             | SHORT HOLD - NO2 |               |               |             |         |                         |                      |
| ADDITIONAL COMMENTS |                                          | RELINQUISHED BY / AFFILIATION                                                                                                                                                                                                                                                                                                         |                                          |                                | DATE      | TIME | ACCEPTED BY / AFFILIATION |                 |               | DATE                           | TIME             | SAMPLE CONDITIONS |      |                                               |          |       |             |             |                                     |                                   |             |             |                 |             |                  |               |               |             |         |                         |                      |
| HEN-24Q3 Rev 1      |                                          | Corne F. Lewis                                                                                                                                                                                                                                                                                                                        |                                          |                                | 8-7-24    | 0905 | [Signature]               |                 |               | 8/7/24                         | 0905             |                   |      |                                               |          |       |             |             |                                     |                                   |             |             |                 |             |                  |               |               |             |         |                         |                      |

|                                      |                        |            |                       |                             |                      |
|--------------------------------------|------------------------|------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE           |                        | Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER                |                        |            |                       |                             |                      |
| SIGNATURE of SAMPLER                 | DATE Signed (MM/DD/YY) |            |                       |                             |                      |
| Lorne Filawicz<br><i>[Signature]</i> |                        |            |                       |                             |                      |
|                                      |                        |            |                       |                             |                      |

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|                                                                                                                                        |  |  |                                                                                                                                |                                         |
|----------------------------------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Client Information (Sub Contract Lab)                                                                                                  |  |  | Lab PW:<br>Nelson, Dirk                                                                                                        | Carrier Tracking No(s):<br>500-190607.1 |
| Shipping/Receiving                                                                                                                     |  |  | E-Mail:<br>Dirk.Nelson@eurofins.com                                                                                            | Page<br>Page 1 of 1                     |
| Company:<br>TestAmerica Laboratories, Inc.                                                                                             |  |  | Accreditations Required (See note):<br>NELAP - Illinois                                                                        | Job #<br>500-253560-2                   |
| Address:<br>13715 Rider Trail North,<br>Earth City<br>State, Zip<br>MO, 63045<br>Phone<br>314-298-8586(Tel) 314-298-8757(Fax)<br>Email |  |  | Preservation Codes:                                                                                                            |                                         |
| Due Date Requested:<br>8/14/2024                                                                                                       |  |  | Analysis Requested                                                                                                             |                                         |
| TAT Requested (days):                                                                                                                  |  |  |                                                                                                                                |                                         |
| PO #                                                                                                                                   |  |  |                                                                                                                                |                                         |
| WO #                                                                                                                                   |  |  |                                                                                                                                |                                         |
| Project #<br>50023030                                                                                                                  |  |  |                                                                                                                                |                                         |
| Site<br>SSOW#                                                                                                                          |  |  |                                                                                                                                |                                         |
| Sample Identification - Client ID (Lab ID)                                                                                             |  |  | Total Number of containers                                                                                                     |                                         |
| HEN_03R (500-253560-5)                                                                                                                 |  |  | 2                                                                                                                              |                                         |
| HEN_03R_FD (500-253560-6)                                                                                                              |  |  | 2                                                                                                                              |                                         |
| HEN_08 (500-253560-9)                                                                                                                  |  |  | 2                                                                                                                              |                                         |
| HEN_08&D (500-253560-10)                                                                                                               |  |  | 2                                                                                                                              |                                         |
| HEN_16 (500-253560-12)                                                                                                                 |  |  | 2                                                                                                                              |                                         |
| HEN_16_FD (500-253560-13)                                                                                                              |  |  | 2                                                                                                                              |                                         |
| HEN_18&D (500-253560-14)                                                                                                               |  |  | 2                                                                                                                              |                                         |
| HEN_18#S (500-253560-15)                                                                                                               |  |  | 2                                                                                                                              |                                         |
| HEN_45#S (500-253560-17)                                                                                                               |  |  | 2                                                                                                                              |                                         |
| Special Instructions/Note:                                                                                                             |  |  |                                                                                                                                |                                         |
| Other:                                                                                                                                 |  |  |                                                                                                                                |                                         |
| Special Instructions/Note:                                                                                                             |  |  |                                                                                                                                |                                         |
| Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)                                                   |  |  | Special Instructions/QC Requirements:                                                                                          |                                         |
| Unconfirmed                                                                                                                            |  |  | Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months |                                         |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                 |  |  | Primary Deliverable Rank: 2                                                                                                    |                                         |
| Empty Kit Relinquished by:                                                                                                             |  |  | Date:                                                                                                                          |                                         |
| Relinquished by:                                                                                                                       |  |  | Date:                                                                                                                          |                                         |
| Relinquished by:                                                                                                                       |  |  | Date:                                                                                                                          |                                         |
| Relinquished by:                                                                                                                       |  |  | Date:                                                                                                                          |                                         |
| Custody Seal No.:                                                                                                                      |  |  | Cooler Temperature(s) °C and Other Remarks:                                                                                    |                                         |





| Client Information (Sub Contract Lab)                                                                                                         |                                    |                                                        |                                                        |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--|--|
| Sampler                                                                                                                                       | Lab PW<br>Nelson, Dirk             | Carrier Tracking No(s)                                 | COC No:<br>500-190665.1                                |  |  |
| Phone                                                                                                                                         | E-Mail<br>Dirk Nelson@eurofins.com | State of Origin<br>Illinois                            | Page<br>Page 1 of 1                                    |  |  |
| Company<br>TestAmerica Laboratories, Inc.                                                                                                     |                                    | Accreditations Required (See note)<br>NELAP - Illinois | Job #<br>500-253560-2                                  |  |  |
| Address<br>13715 Rider Trail North,<br>City<br>Earth City<br>State, Zip<br>MO, 63045<br>Phone<br>314-298-8566(Tel) 314-298-8757(Fax)<br>Email |                                    | Preservation Codes:                                    |                                                        |  |  |
| Project Name<br>HEN-24Q3                                                                                                                      | PO #                               |                                                        |                                                        |  |  |
| Site                                                                                                                                          | WO #                               |                                                        |                                                        |  |  |
| Due Date Requested:<br>8/19/2024                                                                                                              |                                    | Analysis Requested                                     |                                                        |  |  |
| TAT Requested (days):                                                                                                                         |                                    |                                                        |                                                        |  |  |
| Sample Date                                                                                                                                   | Sample Time                        | Sample Type<br>(C=comp, G=grab)                        | Matrix<br>(W=water, S=solid, O=other, T=tissue, A=air) |  |  |
| Sample Date                                                                                                                                   | Sample Time                        | Sample Type                                            | Matrix                                                 |  |  |
| HEN_23 (500-253560-19)                                                                                                                        | 7/18/24                            | 09:45 Central                                          | Water                                                  |  |  |
| HEN_51 (500-253560-21)                                                                                                                        | 7/18/24                            | 10:25 Central                                          | Water                                                  |  |  |
| FB (500-253560-22)                                                                                                                            | 7/18/24                            | 08:00 Central                                          | Water                                                  |  |  |
| Special Instructions/Note:                                                                                                                    |                                    |                                                        |                                                        |  |  |
| Total Number of containers                                                                                                                    |                                    |                                                        |                                                        |  |  |
| Other:                                                                                                                                        |                                    |                                                        |                                                        |  |  |
| Special Instructions/Note:                                                                                                                    |                                    |                                                        |                                                        |  |  |

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification  
Unconfirmed  
Deliverable Requested: I, II, III, IV, Other (specify)  
Primary Deliverable Rank: 2

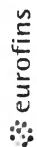
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months  
Special Instructions/QC Requirements:

Empty Kit Relinquished by: [Signature]  
Reinquired by: [Signature] Date: 7/18/24 1530  
Reinquired by: [Signature] Date: 7/18/24 1530  
Reinquired by: [Signature] Date: 7/18/24 1530

Received by: Richard Thornley  
Date/Time: JUL 19 2024 1000  
Cooler Temperature(s) °C and Other Remarks:



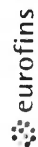
## Chain of Custody Record



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                     |  |                                                            |  |                             |  |                            |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|--|------------------------------------------------------------|--|-----------------------------|--|----------------------------|--|
| <b>Client Information (Sub Contract Lab)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | Sampler                             |  | Lab PM<br>Nelson, Dirk                                     |  | Carrier Tracking No(s)      |  | COC No<br>500-191394-2     |  |
| Shipping/Receiving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Phone                               |  | E-Mail<br>Dirk.Nelson@eurofins.com                         |  | State of Origin<br>Illinois |  | Page<br>Page 2 of 3        |  |
| Company<br>TestAmerica Laboratories, Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Address<br>13715 Rider Trail North, |  | Accreditations Required (See note)<br>NELAP - Illinois     |  | Job #<br>500-253560-1       |  | Preservation Codes:        |  |
| City<br>Earth City                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | State, Zip<br>MO, 63045             |  | Due Date Requested:<br>7/31/2024                           |  | TAT Requested (days):       |  | Analysis Requested         |  |
| Phone<br>314-298-8566(Tel) 314-298-8757(Fax)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | PO #                                |  | Field Filtered Sample (Yes or No)                          |  | 903.03/PrecSep_21 BB        |  | 904.0/PrecSep_0 BB         |  |
| Email                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | WO #                                |  | Matrix<br>(W=Water, S=solid, O=waste/oil, BT=Tissue Asset) |  | Ra226_228GFP_C_P/BB         |  | Total Number of containers |  |
| Project Name<br>HEN-24Q3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | Project #<br>50023030               |  | Sample Type<br>(C=Comp, G=grab)                            |  | Preservation Code:          |  | Special Instructions/Note: |  |
| Site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | SSOW#                               |  | Sample Date                                                |  | Sample Time                 |  | Other:                     |  |
| Sample Identification - Client ID (Lab ID)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Sample Date                         |  | Sample Time                                                |  | Sample Type                 |  | Matrix                     |  |
| HEN_35 (500-253560-31)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 8/6/24                              |  | 11:35<br>Central                                           |  | Water                       |  | X                          |  |
| HEN_35_FD (500-253560-32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 8/6/24                              |  | 11:35<br>Central                                           |  | Water                       |  | X                          |  |
| HEN_46 (500-253560-33)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 8/6/24                              |  | 09:55<br>Central                                           |  | Water                       |  | X                          |  |
| HEN_47 (500-253560-34)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 8/6/24                              |  | 11:20<br>Central                                           |  | Water                       |  | X                          |  |
| HEN_49 (500-253560-35)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 8/6/24                              |  | 14:20<br>Central                                           |  | Water                       |  | X                          |  |
| HEN_49_MS (500-253560-35MS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 8/6/24                              |  | 14:20<br>Central                                           |  | MS                          |  | X                          |  |
| HEN_49_MSD (500-253560-35MSD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 8/6/24                              |  | 14:20<br>Central                                           |  | MSD                         |  | X                          |  |
| HEN_50 (500-253560-36)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 8/6/24                              |  | 15:35<br>Central                                           |  | Water                       |  | X                          |  |
| HEN_52 (500-253560-37)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 8/6/24                              |  | 12:05<br>Central                                           |  | Water                       |  | X                          |  |
| Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago. |  |                                     |  |                                                            |  |                             |  |                            |  |
| <b>Possible Hazard Identification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                     |  |                                                            |  |                             |  |                            |  |
| Unconfirmed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                     |  |                                                            |  |                             |  |                            |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                     |  |                                                            |  |                             |  |                            |  |
| Primary Deliverable Rank: 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                     |  |                                                            |  |                             |  |                            |  |
| Empty Kit Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                     |  |                                                            |  |                             |  |                            |  |
| Relinquished by: <i>Phil Smith</i> Date: 8/7/24 Time: 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                     |  |                                                            |  |                             |  |                            |  |
| Relinquished by: <i>M. Pinette</i> Date: 8/8/24 Time: 0830                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                     |  |                                                            |  |                             |  |                            |  |
| Relinquished by: Date: Time: Company: Cooler Temperature(s) °C and Other Remarks:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                     |  |                                                            |  |                             |  |                            |  |
| Custody Seals Intact: Δ Yes Δ No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                     |  |                                                            |  |                             |  |                            |  |



## Chain of Custody Record



## Environment Testing

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------|--|---|--------------------------------------------------------|-------------------------------------|----------------------------------------|-------------------|-----------------------------------|----------------------------|---------------------|--------------------|---------------------|----------------------------|----------------------------|
| Client Information (Sub Contract Lab)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |               |       |  |   | Sampler                                                | Lab PW:<br>Nelson, Dirk             | Carrier Tracking No(s)<br>500-191394.3 |                   |                                   |                            |                     |                    |                     |                            |                            |
| Shipping/Receiving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |               |       |  |   | Phone:                                                 | E-Mail:<br>Dirk.Nelson@eurofins.com | Page<br>Page 3 of 3                    |                   |                                   |                            |                     |                    |                     |                            |                            |
| Company<br>TestAmerica Laboratories, Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |               |       |  |   | Accreditations Required (See note)<br>NELAP - Illinois |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Address<br>13715 Rider Trail North,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |               |       |  |   | Due Date Requested:<br>7/31/2024                       |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| City<br>Earth City                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |               |       |  |   | TAT Requested (days):                                  |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| State, Zip<br>MO, 63045                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Phone<br>314-298-8566(Tel) 314-298-8757(Fax)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |               |       |  |   | PO #                                                   |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Email                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |               |       |  |   | WO #                                                   |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Project Name<br>HEN-24Q3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |               |       |  |   | Project #<br>50023030                                  |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |               |       |  |   | SSOW#                                                  |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Sample Identification - Client ID (Lab ID)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |               |       |  |   | Sample Date                                            | Sample Time                         | Sample Type<br>(C=comp,<br>G=grab)     | Preservation Code | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 903.0/PrecSep_21 BB | 904.0/PrecSep_0 BB | Raz26_Z28GFPC_P/B B | Total Number of containers | Special Instructions/Note: |
| HEN_54 (500-253560-38)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8/6/24 | 10:40 Central | Water |  | X | X                                                      |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| HEN_54 FD (500-253560-39)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8/6/24 | 10:45 Central | Water |  | X | X                                                      |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| HEN_FB (500-253560-40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8/6/24 | Central       | Water |  | X | X                                                      |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Possible Hazard Identification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Unconfirmed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Primary Deliverable Rank: 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Date: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Empty Kit Relinquished by: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Relinquished by: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Relinquished by: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Relinquished by: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Custody Seal Intact:<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Custody Seal No.: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Cooler Temperature(s) °C and Other Remarks:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Received by: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Date/Time: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Company: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Returned by: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Date/Time: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Company: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Special Instructions/QC Requirements:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)<br><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |
| HEN-845-803                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |               |       |  |   |                                                        |                                     |                                        |                   |                                   |                            |                     |                    |                     |                            |                            |

## Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-253560-2  
SDG Number: HEN\_000\_RAD

Login Number: 253560

List Number: 1

Creator: Scott, Sherri L

List Source: Eurofins Chicago

| Question                                                                                 | Answer | Comment                                                                      |
|------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |                                                                              |
| The cooler's custody seal, if present, is intact.                                        | True   |                                                                              |
| Sample custody seals, if present, are intact.                                            | True   |                                                                              |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |                                                                              |
| Samples were received on ice.                                                            | False  | Water present in cooler; indicates evidence of melted ice.                   |
| Cooler Temperature is acceptable.                                                        | False  |                                                                              |
| Cooler Temperature is recorded.                                                          | True   | 4.0,-0.2,0.9,3.1,0.9,0.8,1.6,5.7,11.8,12.7,11.8,9.1,11.3,5.7,1.7,5.7,5.9,4.2 |
| 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?                                              | True   |                                                                              |
| There are no discrepancies between the containers received and the COC.                  | False  |                                                                              |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |                                                                              |
| Sample containers have legible labels.                                                   | True   |                                                                              |
| Containers are not broken or leaking.                                                    | True   |                                                                              |
| Sample collection date/times are provided.                                               | True   |                                                                              |
| Appropriate sample containers are used.                                                  | True   |                                                                              |
| Sample bottles are completely filled.                                                    | True   |                                                                              |
| Sample Preservation Verified.                                                            | True   |                                                                              |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |                                                                              |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | False  |                                                                              |
| Multiphasic samples are not present.                                                     | True   |                                                                              |
| Samples do not require splitting or compositing.                                         | True   |                                                                              |
| Residual Chlorine Checked.                                                               | N/A    |                                                                              |

## Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-253560-2  
SDG Number: HEN\_000\_RAD

**Login Number: 253560**

**List Number: 3**

**Creator: Thornley, Richard W**

**List Source: Eurofins St. Louis**

**List Creation: 07/17/24 01:48 PM**

| Question                                                                         | Answer | Comment |
|----------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True   |         |
| The cooler's custody seal, if present, is intact.                                | True   |         |
| Sample custody seals, if present, are intact.                                    | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.   | True   |         |
| Samples were received on ice.                                                    | N/A    |         |
| Cooler Temperature is acceptable.                                                | True   |         |
| Cooler Temperature is recorded.                                                  | True   |         |
| COC is present.                                                                  | True   |         |
| COC is filled out in ink and legible.                                            | True   |         |
| COC is filled out with all pertinent information.                                | True   |         |
| Is the Field Sampler's name present on COC?                                      | N/A    |         |
| There are no discrepancies between the containers received and the COC.          | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)    | True   |         |
| Sample containers have legible labels.                                           | True   |         |
| Containers are not broken or leaking.                                            | True   |         |
| Sample collection date/times are provided.                                       | True   |         |
| Appropriate sample containers are used.                                          | True   |         |
| Sample bottles are completely filled.                                            | True   |         |
| Sample Preservation Verified.                                                    | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True   |         |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").  | N/A    |         |
| Multiphasic samples are not present.                                             | True   |         |
| Samples do not require splitting or compositing.                                 | True   |         |
| Residual Chlorine Checked.                                                       | N/A    |         |

## Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-253560-2  
SDG Number: HEN\_000\_RAD

**Login Number: 253560**

**List Number: 5**

**Creator: Pinette, Meadow L**

**List Source: Eurofins St. Louis**

**List Creation: 07/18/24 11:38 AM**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | True   |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | N/A    |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | N/A    |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | N/A    |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | N/A    |         |

## Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-253560-2  
SDG Number: HEN\_000\_RAD

**Login Number: 253560**

**List Number: 7**

**Creator: Thornley, Richard W**

**List Source: Eurofins St. Louis**

**List Creation: 07/19/24 03:53 PM**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | True   |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | N/A    |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | N/A    |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | N/A    |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | N/A    |         |

## Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-253560-2  
SDG Number: HEN\_000\_RAD

**Login Number: 253560**

**List Number: 8**

**Creator: Pinette, Meadow L**

**List Source: Eurofins St. Louis**

**List Creation: 08/08/24 12:06 PM**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   |         |
| The cooler's custody seal, if present, is intact.                                        | True   |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | N/A    |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | N/A    |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | N/A    |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | N/A    |         |

# Tracer/Carrier Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

|                    |                    | Percent Yield (Acceptance Limits) |  |
|--------------------|--------------------|-----------------------------------|--|
| Lab Sample ID      | Client Sample ID   | Ba<br>(30-110)                    |  |
| 500-253560-1       | HEN_07             | 93.3                              |  |
| 500-253560-2       | HEN_12             | 93.5                              |  |
| 500-253560-3       | HEN_13             | 92.8                              |  |
| 500-253560-5       | HEN_03R            | 90.6                              |  |
| 500-253560-5 DU    | HEN_03R            | 83.9                              |  |
| 500-253560-6       | HEN_03R_FD         | 91.8                              |  |
| 500-253560-9       | HEN_08             | 88.3                              |  |
| 500-253560-10      | HEN_08&D           | 88.3                              |  |
| 500-253560-12      | HEN_16             | 83.6                              |  |
| 500-253560-13      | HEN_16_FD          | 85.4                              |  |
| 500-253560-14      | HEN_18&D           | 87.6                              |  |
| 500-253560-15      | HEN_18#S           | 83.9                              |  |
| 500-253560-17      | HEN_45#S           | 87.6                              |  |
| 500-253560-19      | HEN_23             | 97.3                              |  |
| 500-253560-21      | HEN_51             | 95.0                              |  |
| 500-253560-22      | FB                 | 94.3                              |  |
| 500-253560-24      | HEN_17             | 93.6                              |  |
| 500-253560-25      | HEN_21R            | 87.7                              |  |
| 500-253560-25 MS   | HEN_21R_MS         | 89.7                              |  |
| 500-253560-25 MSD  | HEN_21R_MSD        | 88.5                              |  |
| 500-253560-26      | HEN_22             | 93.1                              |  |
| 500-253560-27      | HEN_22&D           | 95.3                              |  |
| 500-253560-28      | HEN_27             | 91.4                              |  |
| 500-253560-29      | HEN_32             | 98.3                              |  |
| 500-253560-30      | HEN_34             | 88.7                              |  |
| 500-253560-31      | HEN_35             | 94.3                              |  |
| 500-253560-32      | HEN_35_FD          | 97.8                              |  |
| 500-253560-33      | HEN_46             | 92.6                              |  |
| 500-253560-34      | HEN_47             | 91.9                              |  |
| 500-253560-35      | HEN_49             | 91.4                              |  |
| 500-253560-35 MS   | HEN_49_MS          | 104                               |  |
| 500-253560-35 MSD  | HEN_49_MSD         | 97.5                              |  |
| 500-253560-36      | HEN_50             | 90.4                              |  |
| 500-253560-37      | HEN_52             | 92.4                              |  |
| 500-253560-38      | HEN_54             | 91.2                              |  |
| 500-253560-39      | HEN_54_FD          | 87.7                              |  |
| 500-253560-40      | HEN_FB             | 89.7                              |  |
| LCS 160-671237/2-A | Lab Control Sample | 90.3                              |  |
| LCS 160-671460/2-A | Lab Control Sample | 93.8                              |  |
| LCS 160-671938/2-A | Lab Control Sample | 86.8                              |  |
| LCS 160-674439/2-A | Lab Control Sample | 98.5                              |  |
| LCS 160-674443/2-A | Lab Control Sample | 105                               |  |
| MB 160-671237/1-A  | Method Blank       | 80.4                              |  |
| MB 160-671460/1-A  | Method Blank       | 93.8                              |  |
| MB 160-671938/1-A  | Method Blank       | 94.5                              |  |
| MB 160-674439/1-A  | Method Blank       | 99.8                              |  |
| MB 160-674443/1-A  | Method Blank       | 101                               |  |

## Tracer/Carrier Legend

Ba = Ba Carrier

Eurofins Chicago



# Tracer/Carrier Summary

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 500-253560-2  
SDG: HEN\_000\_RAD

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

|                    |                    | Percent Yield (Acceptance Limits) |          |
|--------------------|--------------------|-----------------------------------|----------|
| Lab Sample ID      | Client Sample ID   | Ba                                | Y        |
|                    |                    | (30-110)                          | (30-110) |
| 500-253560-1       | HEN_07             | 93.3                              | 78.9     |
| 500-253560-2       | HEN_12             | 93.5                              | 80.7     |
| 500-253560-3       | HEN_13             | 92.8                              | 83.4     |
| 500-253560-5       | HEN_03R            | 90.6                              | 83.4     |
| 500-253560-5 DU    | HEN_03R            | 83.9                              | 82.2     |
| 500-253560-6       | HEN_03R_FD         | 91.8                              | 85.2     |
| 500-253560-9       | HEN_08             | 88.3                              | 85.2     |
| 500-253560-10      | HEN_08&D           | 88.3                              | 84.1     |
| 500-253560-12      | HEN_16             | 83.6                              | 84.9     |
| 500-253560-13      | HEN_16_FD          | 85.4                              | 84.9     |
| 500-253560-14      | HEN_18&D           | 87.6                              | 84.5     |
| 500-253560-15      | HEN_18#S           | 83.9                              | 83.4     |
| 500-253560-17      | HEN_45#S           | 87.6                              | 86.7     |
| 500-253560-19      | HEN_23             | 97.3                              | 86.4     |
| 500-253560-21      | HEN_51             | 95.0                              | 82.2     |
| 500-253560-22      | FB                 | 94.3                              | 85.6     |
| 500-253560-24      | HEN_17             | 93.6                              | 84.1     |
| 500-253560-25      | HEN_21R            | 87.7                              | 84.9     |
| 500-253560-25 MS   | HEN_21R_MS         | 89.7                              | 83.7     |
| 500-253560-25 MSD  | HEN_21R_MSD        | 88.5                              | 86.0     |
| 500-253560-26      | HEN_22             | 93.1                              | 83.0     |
| 500-253560-27      | HEN_22&D           | 95.3                              | 85.6     |
| 500-253560-28      | HEN_27             | 91.4                              | 83.7     |
| 500-253560-29      | HEN_32             | 98.3                              | 83.7     |
| 500-253560-30      | HEN_34             | 88.7                              | 86.7     |
| 500-253560-31      | HEN_35             | 94.3                              | 88.6     |
| 500-253560-32      | HEN_35_FD          | 97.8                              | 85.2     |
| 500-253560-33      | HEN_46             | 92.6                              | 88.2     |
| 500-253560-34      | HEN_47             | 91.9                              | 83.4     |
| 500-253560-35      | HEN_49             | 91.4                              | 73.6     |
| 500-253560-35 MS   | HEN_49_MS          | 104                               | 77.8     |
| 500-253560-35 MSD  | HEN_49_MSD         | 97.5                              | 80.0     |
| 500-253560-36      | HEN_50             | 90.4                              | 84.5     |
| 500-253560-37      | HEN_52             | 92.4                              | 86.4     |
| 500-253560-38      | HEN_54             | 91.2                              | 87.9     |
| 500-253560-39      | HEN_54_FD          | 87.7                              | 89.0     |
| 500-253560-40      | HEN_FB             | 89.7                              | 84.1     |
| LCS 160-671238/2-A | Lab Control Sample | 90.3                              | 80.7     |
| LCS 160-671461/2-A | Lab Control Sample | 93.8                              | 84.5     |
| LCS 160-671939/2-A | Lab Control Sample | 86.8                              | 82.2     |
| LCS 160-674440/2-A | Lab Control Sample | 98.5                              | 85.2     |
| LCS 160-674444/2-A | Lab Control Sample | 105                               | 78.1     |
| MB 160-671238/1-A  | Method Blank       | 80.4                              | 82.6     |
| MB 160-671461/1-A  | Method Blank       | 93.8                              | 84.1     |
| MB 160-671939/1-A  | Method Blank       | 94.5                              | 79.3     |
| MB 160-674440/1-A  | Method Blank       | 99.8                              | 84.9     |
| MB 160-674444/1-A  | Method Blank       | 101                               | 74.4     |

## Tracer/Carrier Legend

Ba = Ba Carrier

Eurofins Chicago

Client: Vistra Energy Corp  
Project/Site: HEN-24Q3  
Y = Y Carrier

Tracer/Carrier Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2024  
HENNEPIN POWER PLANT, EAST ASH POND  
Job ID: 590-253560-2  
SDG: HEN\_000\_RAD

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**ATTACHMENT C  
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND  
QUARTER 3, 2024**

ATTACHMENT C.  
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | Background |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|------------|
| 12      | UA  | E006  | Antimony, total                | mg/L  | 12/09/15 - 07/15/24 | 22           | 100        | All ND - Last           | 0.003              | 0.001      |
| 12      | UA  | E006  | Arsenic, total                 | mg/L  | 12/09/15 - 07/15/24 | 27           | 100        | All ND - Last           | 0.001              | 0.001      |
| 12      | UA  | E006  | Barium, total                  | mg/L  | 12/09/15 - 07/15/24 | 29           | 0          | CI around mean          | 0.0529             | 0.212      |
| 12      | UA  | E006  | Beryllium, total               | mg/L  | 12/09/15 - 07/15/24 | 21           | 100        | All ND - Last           | 0.001              | 0.001      |
| 12      | UA  | E006  | Boron, total                   | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CB around T-S line      | 0.0369             | 0.163      |
| 12      | UA  | E006  | Cadmium, total                 | mg/L  | 12/09/15 - 07/15/24 | 31           | 90         | CB around T-S line      | 0.000632           | 0.00230    |
| 12      | UA  | E006  | Chloride, total                | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CI around mean          | 70.4               | 435        |
| 12      | UA  | E006  | Chromium, total                | mg/L  | 12/09/15 - 07/15/24 | 27           | 97         | CB around T-S line      | 0.00153            | 0.00100    |
| 12      | UA  | E006  | Cobalt, total                  | mg/L  | 12/09/15 - 07/15/24 | 25           | 84         | Most recent sample      | 0.001              | 0.0380     |
| 12      | UA  | E006  | Fluoride, total                | mg/L  | 12/09/15 - 07/15/24 | 30           | 2          | CI around median        | 0.23               | 0.120      |
| 12      | UA  | E006  | Lead, total                    | mg/L  | 12/09/15 - 07/15/24 | 27           | 100        | All ND - Last           | 0.0005             | 0.00150    |
| 12      | UA  | E006  | Lithium, total                 | mg/L  | 12/09/15 - 07/15/24 | 26           | 4          | CB around linear reg    | 0.00605            | 0.0190     |
| 12      | UA  | E006  | Mercury, total                 | mg/L  | 12/09/15 - 07/15/24 | 24           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| 12      | UA  | E006  | Molybdenum, total              | mg/L  | 12/09/15 - 07/15/24 | 29           | 0          | CB around linear reg    | 0.00978            | 0.00170    |
| 12      | UA  | E006  | pH (field)                     | SU    | 12/09/15 - 07/15/24 | 37           | 0          | CI around mean          | 7.3/7.4            | 6.6/7.5    |
| 12      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 12/09/15 - 07/15/24 | 25           | 0          | CI around geomean       | 0.364              | 2.00       |
| 12      | UA  | E006  | Selenium, total                | mg/L  | 12/09/15 - 07/15/24 | 29           | 60         | CI around median        | 0.001              | 0.00140    |
| 12      | UA  | E006  | Sulfate, total                 | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CI around geomean       | 63.9               | 215        |
| 12      | UA  | E006  | Thallium, total                | mg/L  | 12/09/15 - 07/15/24 | 21           | 100        | All ND - Last           | 0.002              | 0.001      |
| 12      | UA  | E006  | Total Dissolved Solids         | mg/L  | 12/09/15 - 07/15/24 | 26           | 0          | CI around mean          | 467                | 1,620      |
| 13      | UA  | E006  | Antimony, total                | mg/L  | 12/09/15 - 07/15/24 | 22           | 96         | CB around T-S line      | 0.001              | 0.001      |
| 13      | UA  | E006  | Arsenic, total                 | mg/L  | 12/09/15 - 07/15/24 | 27           | 97         | CI around median        | 0.001              | 0.001      |
| 13      | UA  | E006  | Barium, total                  | mg/L  | 12/09/15 - 07/15/24 | 29           | 0          | CI around mean          | 0.0433             | 0.212      |
| 13      | UA  | E006  | Beryllium, total               | mg/L  | 12/09/15 - 07/15/24 | 21           | 100        | All ND - Last           | 0.001              | 0.001      |
| 13      | UA  | E006  | Boron, total                   | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CB around linear reg    | 0.0308             | 0.163      |
| 13      | UA  | E006  | Cadmium, total                 | mg/L  | 12/09/15 - 07/15/24 | 31           | 98         | CB around T-S line      | 0.000632           | 0.00230    |
| 13      | UA  | E006  | Chloride, total                | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CI around mean          | 73.3               | 435        |

ATTACHMENT C.  
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | Background |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|------------|
| 13      | UA  | E006  | Chromium, total                | mg/L  | 12/09/15 - 07/15/24 | 27           | 87         | CB around T-S line      | 0.00173            | 0.00100    |
| 13      | UA  | E006  | Cobalt, total                  | mg/L  | 12/09/15 - 07/15/24 | 25           | 84         | Most recent sample      | 0.001              | 0.0380     |
| 13      | UA  | E006  | Fluoride, total                | mg/L  | 12/09/15 - 07/15/24 | 30           | 2          | CI around median        | 0.2                | 0.120      |
| 13      | UA  | E006  | Lead, total                    | mg/L  | 12/09/15 - 07/15/24 | 27           | 97         | CB around T-S line      | 0.00085            | 0.00150    |
| 13      | UA  | E006  | Lithium, total                 | mg/L  | 12/09/15 - 07/15/24 | 26           | 0          | CI around mean          | 0.0159             | 0.0190     |
| 13      | UA  | E006  | Mercury, total                 | mg/L  | 12/09/15 - 07/15/24 | 24           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| 13      | UA  | E006  | Molybdenum, total              | mg/L  | 12/09/15 - 07/15/24 | 29           | 25         | CI around mean          | 0.0141             | 0.00170    |
| 13      | UA  | E006  | pH (field)                     | SU    | 12/09/15 - 07/15/24 | 37           | 0          | CI around mean          | 7.4/7.5            | 6.6/7.5    |
| 13      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 12/09/15 - 07/15/24 | 25           | 0          | CI around mean          | 0.446              | 2.00       |
| 13      | UA  | E006  | Selenium, total                | mg/L  | 12/09/15 - 07/15/24 | 29           | 48         | CI around mean          | 0.00134            | 0.00140    |
| 13      | UA  | E006  | Sulfate, total                 | mg/L  | 12/09/15 - 07/15/24 | 30           | 0          | CI around mean          | 76.4               | 215        |
| 13      | UA  | E006  | Thallium, total                | mg/L  | 12/09/15 - 07/15/24 | 21           | 100        | All ND - Last           | 0.002              | 0.001      |
| 13      | UA  | E006  | Total Dissolved Solids         | mg/L  | 12/09/15 - 07/15/24 | 29           | 0          | CI around mean          | 486                | 1,620      |
| 46      | UA  | E006  | Antimony, total                | mg/L  | 12/09/15 - 08/06/24 | 21           | 100        | All ND - Last           | 0.003              | 0.001      |
| 46      | UA  | E006  | Arsenic, total                 | mg/L  | 12/09/15 - 08/06/24 | 23           | 100        | All ND - Last           | 0.001              | 0.001      |
| 46      | UA  | E006  | Barium, total                  | mg/L  | 12/09/15 - 08/06/24 | 25           | 0          | CB around linear reg    | 0.0659             | 0.212      |
| 46      | UA  | E006  | Beryllium, total               | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.001              | 0.001      |
| 46      | UA  | E006  | Boron, total                   | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 0.199              | 0.163      |
| 46      | UA  | E006  | Cadmium, total                 | mg/L  | 12/09/15 - 08/06/24 | 24           | 100        | All ND - Last           | 0.0005             | 0.00230    |
| 46      | UA  | E006  | Chloride, total                | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 69.9               | 435        |
| 46      | UA  | E006  | Chromium, total                | mg/L  | 12/09/15 - 08/06/24 | 23           | 91         | CB around T-S line      | 0.00167            | 0.00100    |
| 46      | UA  | E006  | Cobalt, total                  | mg/L  | 12/09/15 - 08/06/24 | 24           | 100        | All ND - Last           | 0.001              | 0.0380     |
| 46      | UA  | E006  | Fluoride, total                | mg/L  | 12/09/15 - 08/06/24 | 26           | 4          | CI around median        | 0.24               | 0.120      |
| 46      | UA  | E006  | Lead, total                    | mg/L  | 12/09/15 - 08/06/24 | 23           | 100        | All ND - Last           | 0.0005             | 0.00150    |
| 46      | UA  | E006  | Lithium, total                 | mg/L  | 12/09/15 - 08/06/24 | 25           | 4          | CI around median        | 0.0088             | 0.0190     |
| 46      | UA  | E006  | Mercury, total                 | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| 46      | UA  | E006  | Molybdenum, total              | mg/L  | 12/09/15 - 08/06/24 | 25           | 0          | CB around T-S line      | 0.00891            | 0.00170    |

ATTACHMENT C.  
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | Background |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|------------|
| 46      | UA  | E006  | pH (field)                     | SU    | 12/09/15 - 08/06/24 | 26           | 0          | CB around linear reg    | 7.1/7.3            | 6.6/7.5    |
| 46      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 12/09/15 - 08/06/24 | 25           | 0          | CI around geomean       | 0.299              | 2.00       |
| 46      | UA  | E006  | Selenium, total                | mg/L  | 12/09/15 - 08/06/24 | 25           | 64         | CI around median        | 0.001              | 0.00140    |
| 46      | UA  | E006  | Sulfate, total                 | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around geomean       | 62.5               | 215        |
| 46      | UA  | E006  | Thallium, total                | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.002              | 0.001      |
| 46      | UA  | E006  | Total Dissolved Solids         | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CB around linear reg    | 451                | 1,620      |
| 47      | UA  | E006  | Antimony, total                | mg/L  | 12/09/15 - 08/06/24 | 21           | 100        | All ND - Last           | 0.003              | 0.001      |
| 47      | UA  | E006  | Arsenic, total                 | mg/L  | 12/09/15 - 08/06/24 | 23           | 96         | CI around median        | 0.001              | 0.001      |
| 47      | UA  | E006  | Barium, total                  | mg/L  | 12/09/15 - 08/06/24 | 25           | 0          | CI around mean          | 0.0791             | 0.212      |
| 47      | UA  | E006  | Beryllium, total               | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.001              | 0.001      |
| 47      | UA  | E006  | Boron, total                   | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around geomean       | 0.223              | 0.163      |
| 47      | UA  | E006  | Cadmium, total                 | mg/L  | 12/09/15 - 08/06/24 | 24           | 100        | All ND - Last           | 0.0005             | 0.00230    |
| 47      | UA  | E006  | Chloride, total                | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 73.7               | 435        |
| 47      | UA  | E006  | Chromium, total                | mg/L  | 12/09/15 - 08/06/24 | 23           | 96         | CB around T-S line      | 0.00162            | 0.00100    |
| 47      | UA  | E006  | Cobalt, total                  | mg/L  | 12/09/15 - 08/06/24 | 24           | 83         | CI around median        | 0.001              | 0.0380     |
| 47      | UA  | E006  | Fluoride, total                | mg/L  | 12/09/15 - 08/06/24 | 26           | 4          | CB around T-S line      | 0.215              | 0.120      |
| 47      | UA  | E006  | Lead, total                    | mg/L  | 12/09/15 - 08/06/24 | 23           | 100        | All ND - Last           | 0.0005             | 0.00150    |
| 47      | UA  | E006  | Lithium, total                 | mg/L  | 12/09/15 - 08/06/24 | 25           | 0          | CI around mean          | 0.00849            | 0.0190     |
| 47      | UA  | E006  | Mercury, total                 | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| 47      | UA  | E006  | Molybdenum, total              | mg/L  | 12/09/15 - 08/06/24 | 25           | 0          | CB around linear reg    | 0.0139             | 0.00170    |
| 47      | UA  | E006  | pH (field)                     | SU    | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 7.0/7.1            | 6.6/7.5    |
| 47      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 12/09/15 - 08/06/24 | 25           | 0          | CI around geomean       | 0.3                | 2.00       |
| 47      | UA  | E006  | Selenium, total                | mg/L  | 12/09/15 - 08/06/24 | 24           | 88         | CB around T-S line      | 0.001              | 0.00140    |
| 47      | UA  | E006  | Sulfate, total                 | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 65                 | 215        |
| 47      | UA  | E006  | Thallium, total                | mg/L  | 12/09/15 - 08/06/24 | 20           | 100        | All ND - Last           | 0.002              | 0.001      |
| 47      | UA  | E006  | Total Dissolved Solids         | mg/L  | 12/09/15 - 08/06/24 | 26           | 0          | CI around mean          | 480                | 1,620      |
| 52      | UA  | E006  | Antimony, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.003              | 0.001      |

ATTACHMENT C.  
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | Background |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|------------|
| 52      | UA  | E006  | Arsenic, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.001              | 0.001      |
| 52      | UA  | E006  | Barium, total                  | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 0.0743             | 0.212      |
| 52      | UA  | E006  | Beryllium, total               | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.001              | 0.001      |
| 52      | UA  | E006  | Boron, total                   | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around geomean       | 0.147              | 0.163      |
| 52      | UA  | E006  | Cadmium, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.0005             | 0.00230    |
| 52      | UA  | E006  | Chloride, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 73                 | 435        |
| 52      | UA  | E006  | Chromium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.005              | 0.00100    |
| 52      | UA  | E006  | Cobalt, total                  | mg/L  | 02/24/21 - 08/06/24 | 15           | 93         | Most recent sample      | 0.001              | 0.0380     |
| 52      | UA  | E006  | Fluoride, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 7          | CI around geomean       | 0.264              | 0.120      |
| 52      | UA  | E006  | Lead, total                    | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.0005             | 0.00150    |
| 52      | UA  | E006  | Lithium, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 13         | CI around mean          | 0.00543            | 0.0190     |
| 52      | UA  | E006  | Mercury, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.0002             | 0.0002     |
| 52      | UA  | E006  | Molybdenum, total              | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 0.0109             | 0.00170    |
| 52      | UA  | E006  | pH (field)                     | SU    | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 7.0/7.3            | 6.6/7.5    |
| 52      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 0.413              | 2.00       |
| 52      | UA  | E006  | Selenium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 93         | CB around T-S line      | 0.001              | 0.00140    |
| 52      | UA  | E006  | Sulfate, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 60.7               | 215        |
| 52      | UA  | E006  | Thallium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 93         | CI around median        | 0.002              | 0.001      |
| 52      | UA  | E006  | Total Dissolved Solids         | mg/L  | 02/24/21 - 08/06/24 | 14           | 0          | CI around mean          | 447                | 1,620      |
| 54      | UA  | E006  | Antimony, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.003              | 0.001      |
| 54      | UA  | E006  | Arsenic, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.001              | 0.001      |
| 54      | UA  | E006  | Barium, total                  | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CB around linear reg    | 0.0389             | 0.212      |
| 54      | UA  | E006  | Beryllium, total               | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.001              | 0.001      |
| 54      | UA  | E006  | Boron, total                   | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CB around linear reg    | 0.0633             | 0.163      |
| 54      | UA  | E006  | Cadmium, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.0005             | 0.00230    |
| 54      | UA  | E006  | Chloride, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 77.2               | 435        |
| 54      | UA  | E006  | Chromium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.005              | 0.00100    |



ATTACHMENT C.  
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024  
845 QUARTERLY REPORT  
HENNEPIN POWER PLANT  
EAST ASH POND  
HENNEPIN, IL

| Well ID | HSU | Event | Parameter                      | Units | Date Range          | Sample Count | Percent ND | Statistical Calculation | Statistical Result | Background |
|---------|-----|-------|--------------------------------|-------|---------------------|--------------|------------|-------------------------|--------------------|------------|
| 54      | UA  | E006  | Cobalt, total                  | mg/L  | 02/24/21 - 08/06/24 | 15           | 87         | CI around median        | 0.001              | 0.0380     |
| 54      | UA  | E006  | Fluoride, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 7          | CB around T-S line      | 0.0288             | 0.120      |
| 54      | UA  | E006  | Lead, total                    | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.0005             | 0.00150    |
| 54      | UA  | E006  | Lithium, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around median        | 0.011              | 0.0190     |
| 54      | UA  | E006  | Mercury, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 93         | CI around median        | 0.0002             | 0.0002     |
| 54      | UA  | E006  | Molybdenum, total              | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 0.022              | 0.00170    |
| 54      | UA  | E006  | pH (field)                     | SU    | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 7.1/7.4            | 6.6/7.5    |
| 54      | UA  | E006  | Radium 226 + Radium 228, total | pCi/L | 02/24/21 - 08/06/24 | 15           | 0          | CI around geomean       | 0.123              | 2.00       |
| 54      | UA  | E006  | Selenium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 53         | CB around T-S line      | 0.00179            | 0.00140    |
| 54      | UA  | E006  | Sulfate, total                 | mg/L  | 02/24/21 - 08/06/24 | 15           | 0          | CI around mean          | 75.7               | 215        |
| 54      | UA  | E006  | Thallium, total                | mg/L  | 02/24/21 - 08/06/24 | 15           | 100        | All ND - Last           | 0.002              | 0.001      |
| 54      | UA  | E006  | Total Dissolved Solids         | mg/L  | 02/24/21 - 08/06/24 | 13           | 0          | CI around mean          | 492                | 1,620      |

**Notes:**  
Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value  
HSU = hydrostratigraphic unit:  
    UA = Uppermost Aquifer  
mg/L = milligrams per liter  
Missing Code (if applicable):  
    NR<sup>1</sup> = Select parameters were not analyzed.  
    NS<sup>1</sup> = This well has been, or will be, abandoned; therefore, a sample was not collected.  
    NS<sup>2</sup> = Well either needs or was undergoing maintenance, therefore, a sample was not collected.  
    NS<sup>3</sup> = A sample was not collected because the location was inaccessible.  
    NS<sup>4</sup> = The location could not be found, therefore a sample was not collected.  
    NS<sup>5</sup> = A sample was not collected because of damage to the well.  
    NS<sup>6</sup> = A sample was not collected because of pump issues.  
    NS<sup>7</sup> = A sample was not collected because the well was either dry or was purged dry and did not recover.  
    PM<sup>1</sup> = Select parameters were not analyzed as the well purged dry during sample collection and did not sufficiently recover to sample for all parameters.  
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