



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

April 13, 2025

Illinois Environmental Protection Agency
DWPC – Permits MC#15
Attn: Part 845 Coal Combustion Residual Rule Submittal
2520 West Iles
Springfield, IL 62794

**Re: Hennepin Power Plant West Ash Pond System; IEPA ID # W1550100002-01 and
W1550100002-03**

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 1, 2025 sampling event at the Hennepin Power Plant West Ash Pond System (WAPS), identified by Illinois Environmental Protection Agency (IEPA) ID No. W1550100002-01 and No. W1550100002-03. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ of the GWPS.

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

A Corrective Measures Assessment (CMA) for the WAPS was initiated on December 10, 2023, completed, and submitted to IEPA on May 8, 2024 in accordance with 35 I.A.C. § 845.660. The CMA was the first step towards developing a Corrective Action Plan, which ultimately selects a remedy to address all releases from the WAPS. The selected remedy meets the performance standards of 35 I.A.C. § 845.670(d), and a public meeting was held on April 8, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d). The Corrective Action Plan will be submitted to the Agency on or before May 8, 2025. Once implemented and completed, the selected remedy will attain the GWPSs.

Sincerely,

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

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

Enclosures

*Groundwater Monitoring Data and Detected Exceedances, Quarter 1, 2025, West Ash Pond System,
Hennepin Power Plant, Hennepin, Illinois*

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Dynegy Midwest Generation, LLC's operating permit application for Hennepin Power Plant WAPS. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Dynegy Midwest Generation, LLC has not identified any actual exceedances.

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES¹
QUARTER 1, 2025
WEST ASH POND SYSTEM, HENNEPIN POWER PLANT, HENNEPIN, ILLINOIS

April 13, 2025

Samples were collected and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on February 12, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 1, 2025 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 1, 2025 sampling event.

In accordance with 35 I.A.C. § 845.610(b)(3)(C) and the statistical analysis plan submitted with the operating permit application (Appendix A of the Groundwater Monitoring Plan², constituent concentrations observed at compliance monitoring wells in Quarter 1, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

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

TABLES

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

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

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

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Dynegy Midwest Generation, LLC's operating permit application for Hennepin Power Plant West Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Dynegy Midwest Generation, LLC has not identified any actual exceedances.

² Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Groundwater Monitoring Plan Addendum for the West Ash Pond System. Hennepin Power Plant. Hennepin, Illinois. October 25, 2021.*

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
32	Background	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
32	Background	E008	01/15/2025	Arsenic, total	0.00023 U	mg/L
32	Background	E008	01/15/2025	Barium, total	0.0510	mg/L
32	Background	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
32	Background	E008	01/15/2025	Boron, total	0.170 J+	mg/L
32	Background	E008	01/15/2025	Cadmium, total	0.00033 J	mg/L
32	Background	E008	01/15/2025	Calcium, total	130	mg/L
32	Background	E008	01/15/2025	Chloride, total	120	mg/L
32	Background	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
32	Background	E008	01/15/2025	Cobalt, total	0.00083 J	mg/L
32	Background	E008	01/15/2025	Dissolved Oxygen	1.32	mg/L
32	Background	E008	01/15/2025	Fluoride, total	0.130	mg/L
32	Background	E008	01/15/2025	Lead, total	0.00019 U	mg/L
32	Background	E008	01/15/2025	Lithium, total	0.0048 J	mg/L
32	Background	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
32	Background	E008	01/15/2025	Molybdenum, total	0.0025 U	mg/L
32	Background	E008	01/15/2025	Oxidation Reduction Potential	86.1	mV
32	Background	E008	01/15/2025	pH (field)	7.2	SU
32	Background	E008	01/15/2025	Radium 226 + Radium 228, total	1.06	pCi/L
32	Background	E008	01/15/2025	Selenium, total	0.00098 U	mg/L
32	Background	E008	01/15/2025	Specific Conductance @ 25C (field)	2,192	micromhos/cm
32	Background	E008	01/15/2025	Sulfate, total	140	mg/L
32	Background	E008	01/15/2025	Temperature	9.90	degrees C
32	Background	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
32	Background	E008	01/15/2025	Total Dissolved Solids	770	mg/L
32	Background	E008	01/15/2025	Turbidity, field	36.1	NTU
34	Background	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
34	Background	E008	01/15/2025	Arsenic, total	0.00046 J	mg/L
34	Background	E008	01/15/2025	Barium, total	0.110	mg/L
34	Background	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
34	Background	E008	01/15/2025	Boron, total	0.130 J+	mg/L
34	Background	E008	01/15/2025	Cadmium, total	0.00017 U	mg/L
34	Background	E008	01/15/2025	Calcium, total	160	mg/L
34	Background	E008	01/15/2025	Chloride, total	70.0	mg/L
34	Background	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
34	Background	E008	01/15/2025	Cobalt, total	0.0004 U	mg/L
34	Background	E008	01/15/2025	Dissolved Oxygen	2.92	mg/L
34	Background	E008	01/15/2025	Fluoride, total	0.170	mg/L
34	Background	E008	01/15/2025	Lead, total	0.000810	mg/L
34	Background	E008	01/15/2025	Lithium, total	0.0150	mg/L
34	Background	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
34	Background	E008	01/15/2025	Molybdenum, total	0.0025 U	mg/L
34	Background	E008	01/15/2025	Oxidation Reduction Potential	-75.4	mV
34	Background	E008	01/15/2025	pH (field)	7.2	SU
34	Background	E008	01/15/2025	Radium 226 + Radium 228, total	1.22	pCi/L
34	Background	E008	01/15/2025	Selenium, total	0.00098 U	mg/L

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HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
34	Background	E008	01/15/2025	Specific Conductance @ 25C (field)	2,225	micromhos/cm
34	Background	E008	01/15/2025	Sulfate, total	52.0	mg/L
34	Background	E008	01/15/2025	Temperature	10.9	degrees C
34	Background	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
34	Background	E008	01/15/2025	Total Dissolved Solids	740	mg/L
34	Background	E008	01/15/2025	Turbidity, field	17.9	NTU
21R	Compliance	E008	01/16/2025	Antimony, total	0.0013 U	mg/L
21R	Compliance	E008	01/16/2025	Arsenic, total	0.0210	mg/L
21R	Compliance	E008	01/16/2025	Barium, total	0.280	mg/L
21R	Compliance	E008	01/16/2025	Beryllium, total	0.00053 U	mg/L
21R	Compliance	E008	01/16/2025	Boron, total	2.00	mg/L
21R	Compliance	E008	01/16/2025	Cadmium, total	0.00017 U	mg/L
21R	Compliance	E008	01/16/2025	Calcium, total	120	mg/L
21R	Compliance	E008	01/16/2025	Chloride, total	94.0	mg/L
21R	Compliance	E008	01/16/2025	Chromium, total	0.0011 U	mg/L
21R	Compliance	E008	01/16/2025	Cobalt, total	0.0004 U	mg/L
21R	Compliance	E008	01/16/2025	Dissolved Oxygen	0.110	mg/L
21R	Compliance	E008	01/16/2025	Fluoride, total	0.160	mg/L
21R	Compliance	E008	01/16/2025	Lead, total	0.00019 U	mg/L
21R	Compliance	E008	01/16/2025	Lithium, total	0.0230	mg/L
21R	Compliance	E008	01/16/2025	Mercury, total	0.000076 U	mg/L
21R	Compliance	E008	01/16/2025	Molybdenum, total	0.00850	mg/L
21R	Compliance	E008	01/16/2025	Oxidation Reduction Potential	-22.2	mV
21R	Compliance	E008	01/16/2025	pH (field)	7.7	SU
21R	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	1.01	pCi/L
21R	Compliance	E008	01/16/2025	Selenium, total	0.00098 U	mg/L
21R	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	1,162	micromhos/cm
21R	Compliance	E008	01/16/2025	Sulfate, total	79.0	mg/L
21R	Compliance	E008	01/16/2025	Temperature	12.1	degrees C
21R	Compliance	E008	01/16/2025	Thallium, total	0.00057 U	mg/L
21R	Compliance	E008	01/16/2025	Total Dissolved Solids	660	mg/L
21R	Compliance	E008	01/16/2025	Turbidity, field	112	NTU
22	Compliance	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
22	Compliance	E008	01/15/2025	Arsenic, total	0.00078 J	mg/L
22	Compliance	E008	01/15/2025	Barium, total	0.0600	mg/L
22	Compliance	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
22	Compliance	E008	01/15/2025	Boron, total	3.40	mg/L
22	Compliance	E008	01/15/2025	Cadmium, total	0.00510	mg/L
22	Compliance	E008	01/15/2025	Calcium, total	94.0	mg/L
22	Compliance	E008	01/15/2025	Chloride, total	97.0	mg/L
22	Compliance	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
22	Compliance	E008	01/15/2025	Cobalt, total	0.00200	mg/L
22	Compliance	E008	01/15/2025	Dissolved Oxygen	0.810	mg/L
22	Compliance	E008	01/15/2025	Fluoride, total	0.160	mg/L
22	Compliance	E008	01/15/2025	Lead, total	0.00046 J	mg/L
22	Compliance	E008	01/15/2025	Lithium, total	0.0540	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
22	Compliance	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
22	Compliance	E008	01/15/2025	Molybdenum, total	0.0710	mg/L
22	Compliance	E008	01/15/2025	Oxidation Reduction Potential	49.1	mV
22	Compliance	E008	01/15/2025	pH (field)	7.7	SU
22	Compliance	E008	01/15/2025	Radium 226 + Radium 228, total	0.938	pCi/L
22	Compliance	E008	01/15/2025	Selenium, total	0.0150	mg/L
22	Compliance	E008	01/15/2025	Specific Conductance @ 25C (field)	1,970	micromhos/cm
22	Compliance	E008	01/15/2025	Sulfate, total	130	mg/L
22	Compliance	E008	01/15/2025	Temperature	14.5	degrees C
22	Compliance	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
22	Compliance	E008	01/15/2025	Total Dissolved Solids	620	mg/L
22	Compliance	E008	01/15/2025	Turbidity, field	3.84	NTU
22D	Compliance	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
22D	Compliance	E008	01/15/2025	Arsenic, total	0.00094 J	mg/L
22D	Compliance	E008	01/15/2025	Barium, total	0.0690	mg/L
22D	Compliance	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
22D	Compliance	E008	01/15/2025	Boron, total	1.40	mg/L
22D	Compliance	E008	01/15/2025	Cadmium, total	0.00017 U	mg/L
22D	Compliance	E008	01/15/2025	Calcium, total	120	mg/L
22D	Compliance	E008	01/15/2025	Chloride, total	100	mg/L
22D	Compliance	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
22D	Compliance	E008	01/15/2025	Cobalt, total	0.0004 U	mg/L
22D	Compliance	E008	01/15/2025	Dissolved Oxygen	0.990	mg/L
22D	Compliance	E008	01/15/2025	Fluoride, total	0.120	mg/L
22D	Compliance	E008	01/15/2025	Lead, total	0.00019 U	mg/L
22D	Compliance	E008	01/15/2025	Lithium, total	0.0170	mg/L
22D	Compliance	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
22D	Compliance	E008	01/15/2025	Molybdenum, total	0.00630	mg/L
22D	Compliance	E008	01/15/2025	Oxidation Reduction Potential	-115	mV
22D	Compliance	E008	01/15/2025	pH (field)	7.4	SU
22D	Compliance	E008	01/15/2025	Radium 226 + Radium 228, total	1.76	pCi/L
22D	Compliance	E008	01/15/2025	Selenium, total	0.00098 U	mg/L
22D	Compliance	E008	01/15/2025	Specific Conductance @ 25C (field)	2,114	micromhos/cm
22D	Compliance	E008	01/15/2025	Sulfate, total	96.0	mg/L
22D	Compliance	E008	01/15/2025	Temperature	12.9	degrees C
22D	Compliance	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
22D	Compliance	E008	01/15/2025	Total Dissolved Solids	660	mg/L
22D	Compliance	E008	01/15/2025	Turbidity, field	5.55	NTU
23	Compliance	E008	01/17/2025	Antimony, total	0.0013 U	mg/L
23	Compliance	E008	01/17/2025	Arsenic, total	0.00058 J	mg/L
23	Compliance	E008	01/17/2025	Barium, total	0.0370	mg/L
23	Compliance	E008	01/17/2025	Beryllium, total	0.00053 U	mg/L
23	Compliance	E008	01/17/2025	Boron, total	9.90	mg/L
23	Compliance	E008	01/17/2025	Cadmium, total	0.00017 U	mg/L
23	Compliance	E008	01/17/2025	Calcium, total	110	mg/L
23	Compliance	E008	01/17/2025	Chloride, total	66.0	mg/L

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845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
23	Compliance	E008	01/17/2025	Chromium, total	0.0011 U	mg/L
23	Compliance	E008	01/17/2025	Cobalt, total	0.0004 U	mg/L
23	Compliance	E008	01/17/2025	Dissolved Oxygen	0.110	mg/L
23	Compliance	E008	01/17/2025	Fluoride, total	0.170	mg/L
23	Compliance	E008	01/17/2025	Lead, total	0.00019 U	mg/L
23	Compliance	E008	01/17/2025	Lithium, total	0.00650	mg/L
23	Compliance	E008	01/17/2025	Mercury, total	0.000076 U	mg/L
23	Compliance	E008	01/17/2025	Molybdenum, total	0.0150	mg/L
23	Compliance	E008	01/17/2025	Oxidation Reduction Potential	123	mV
23	Compliance	E008	01/17/2025	pH (field)	7.5	SU
23	Compliance	E008	01/17/2025	Radium 226 + Radium 228, total	0.351	pCi/L
23	Compliance	E008	01/17/2025	Selenium, total	0.00098 U	mg/L
23	Compliance	E008	01/17/2025	Specific Conductance @ 25C (field)	1,233	micromhos/cm
23	Compliance	E008	01/17/2025	Sulfate, total	420	mg/L
23	Compliance	E008	01/17/2025	Temperature	12.9	degrees C
23	Compliance	E008	01/17/2025	Thallium, total	0.00057 U	mg/L
23	Compliance	E008	01/17/2025	Total Dissolved Solids	910	mg/L
23	Compliance	E008	01/17/2025	Turbidity, field	3.13	NTU
27	Compliance	E008	01/14/2025	Antimony, total	0.0013 U	mg/L
27	Compliance	E008	01/14/2025	Arsenic, total	0.00150	mg/L
27	Compliance	E008	01/14/2025	Barium, total	0.0850	mg/L
27	Compliance	E008	01/14/2025	Beryllium, total	0.00053 U	mg/L
27	Compliance	E008	01/14/2025	Boron, total	2.70	mg/L
27	Compliance	E008	01/14/2025	Cadmium, total	0.00017 U	mg/L
27	Compliance	E008	01/14/2025	Calcium, total	130	mg/L
27	Compliance	E008	01/14/2025	Chloride, total	94.0	mg/L
27	Compliance	E008	01/14/2025	Chromium, total	0.0011 U	mg/L
27	Compliance	E008	01/14/2025	Cobalt, total	0.00130	mg/L
27	Compliance	E008	01/14/2025	Dissolved Oxygen	1.32	mg/L
27	Compliance	E008	01/14/2025	Fluoride, total	0.150	mg/L
27	Compliance	E008	01/14/2025	Lead, total	0.00023 J	mg/L
27	Compliance	E008	01/14/2025	Lithium, total	0.0190	mg/L
27	Compliance	E008	01/14/2025	Mercury, total	0.000076 U	mg/L
27	Compliance	E008	01/14/2025	Molybdenum, total	0.0047 J	mg/L
27	Compliance	E008	01/14/2025	Oxidation Reduction Potential	-59.0	mV
27	Compliance	E008	01/14/2025	pH (field)	7.3	SU
27	Compliance	E008	01/14/2025	Radium 226 + Radium 228, total	0.586	pCi/L
27	Compliance	E008	01/14/2025	Selenium, total	0.00098 U	mg/L
27	Compliance	E008	01/14/2025	Specific Conductance @ 25C (field)	2,079	micromhos/cm
27	Compliance	E008	01/14/2025	Sulfate, total	130	mg/L
27	Compliance	E008	01/14/2025	Temperature	10.6	degrees C
27	Compliance	E008	01/14/2025	Thallium, total	0.00057 U	mg/L
27	Compliance	E008	01/14/2025	Total Dissolved Solids	680	mg/L
27	Compliance	E008	01/14/2025	Turbidity, field	169	NTU
35	Compliance	E008	01/16/2025	Antimony, total	0.0013 U	mg/L
35	Compliance	E008	01/16/2025	Arsenic, total	0.00071 J	mg/L

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HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
35	Compliance	E008	01/16/2025	Barium, total	0.0580	mg/L
35	Compliance	E008	01/16/2025	Beryllium, total	0.00053 U	mg/L
35	Compliance	E008	01/16/2025	Boron, total	13.0	mg/L
35	Compliance	E008	01/16/2025	Cadmium, total	0.00041 J	mg/L
35	Compliance	E008	01/16/2025	Calcium, total	380	mg/L
35	Compliance	E008	01/16/2025	Chloride, total	15.0	mg/L
35	Compliance	E008	01/16/2025	Chromium, total	0.0011 U	mg/L
35	Compliance	E008	01/16/2025	Cobalt, total	0.00120	mg/L
35	Compliance	E008	01/16/2025	Dissolved Oxygen	1.10	mg/L
35	Compliance	E008	01/16/2025	Fluoride, total	0.170	mg/L
35	Compliance	E008	01/16/2025	Lead, total	0.00019 U	mg/L
35	Compliance	E008	01/16/2025	Lithium, total	0.0260	mg/L
35	Compliance	E008	01/16/2025	Mercury, total	0.000076 U	mg/L
35	Compliance	E008	01/16/2025	Molybdenum, total	0.0550	mg/L
35	Compliance	E008	01/16/2025	Oxidation Reduction Potential	86.5	mV
35	Compliance	E008	01/16/2025	pH (field)	7.0	SU
35	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	0.515	pCi/L
35	Compliance	E008	01/16/2025	Selenium, total	0.00098 U	mg/L
35	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	2,937	micromhos/cm
35	Compliance	E008	01/16/2025	Sulfate, total	920	mg/L
35	Compliance	E008	01/16/2025	Temperature	12.4	degrees C
35	Compliance	E008	01/16/2025	Thallium, total	0.00057 U	mg/L
35	Compliance	E008	01/16/2025	Total Dissolved Solids	1,600	mg/L
35	Compliance	E008	01/16/2025	Turbidity, field	12.1	NTU
49	Compliance	E008	01/17/2025	Antimony, total	0.0013 U	mg/L
49	Compliance	E008	01/17/2025	Arsenic, total	0.00023 U	mg/L
49	Compliance	E008	01/17/2025	Barium, total	0.0610	mg/L
49	Compliance	E008	01/17/2025	Beryllium, total	0.00053 U	mg/L
49	Compliance	E008	01/17/2025	Boron, total	0.630 J+	mg/L
49	Compliance	E008	01/17/2025	Cadmium, total	0.00130	mg/L
49	Compliance	E008	01/17/2025	Calcium, total	100	mg/L
49	Compliance	E008	01/17/2025	Chloride, total	110	mg/L
49	Compliance	E008	01/17/2025	Chromium, total	0.0011 U	mg/L
49	Compliance	E008	01/17/2025	Cobalt, total	0.00240	mg/L
49	Compliance	E008	01/17/2025	Dissolved Oxygen	0.140	mg/L
49	Compliance	E008	01/17/2025	Fluoride, total	0.160	mg/L
49	Compliance	E008	01/17/2025	Lead, total	0.00019 J	mg/L
49	Compliance	E008	01/17/2025	Lithium, total	0.0270	mg/L
49	Compliance	E008	01/17/2025	Mercury, total	0.000076 U	mg/L
49	Compliance	E008	01/17/2025	Molybdenum, total	0.0220	mg/L
49	Compliance	E008	01/17/2025	Oxidation Reduction Potential	143	mV
49	Compliance	E008	01/17/2025	pH (field)	7.1	SU
49	Compliance	E008	01/17/2025	Radium 226 + Radium 228, total	0.463	pCi/L
49	Compliance	E008	01/17/2025	Selenium, total	0.00098 U	mg/L
49	Compliance	E008	01/17/2025	Specific Conductance @ 25C (field)	1,185	micromhos/cm
49	Compliance	E008	01/17/2025	Sulfate, total	81.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
49	Compliance	E008	01/17/2025	Temperature	14.1	degrees C
49	Compliance	E008	01/17/2025	Thallium, total	0.00057 U	mg/L
49	Compliance	E008	01/17/2025	Total Dissolved Solids	650	mg/L
49	Compliance	E008	01/17/2025	Turbidity, field	7.98	NTU
50	Compliance	E008	01/16/2025	Antimony, total	0.0013 U	mg/L
50	Compliance	E008	01/16/2025	Arsenic, total	0.00065 J	mg/L
50	Compliance	E008	01/16/2025	Barium, total	0.0740	mg/L
50	Compliance	E008	01/16/2025	Beryllium, total	0.00053 U	mg/L
50	Compliance	E008	01/16/2025	Boron, total	1.80	mg/L
50	Compliance	E008	01/16/2025	Cadmium, total	0.00180	mg/L
50	Compliance	E008	01/16/2025	Calcium, total	110	mg/L
50	Compliance	E008	01/16/2025	Chloride, total	88.0	mg/L
50	Compliance	E008	01/16/2025	Chromium, total	0.0011 U	mg/L
50	Compliance	E008	01/16/2025	Cobalt, total	0.00460	mg/L
50	Compliance	E008	01/16/2025	Dissolved Oxygen	0.230	mg/L
50	Compliance	E008	01/16/2025	Fluoride, total	0.150	mg/L
50	Compliance	E008	01/16/2025	Lead, total	0.00029 J	mg/L
50	Compliance	E008	01/16/2025	Lithium, total	0.0320	mg/L
50	Compliance	E008	01/16/2025	Mercury, total	0.000076 U	mg/L
50	Compliance	E008	01/16/2025	Molybdenum, total	0.0530	mg/L
50	Compliance	E008	01/16/2025	Oxidation Reduction Potential	38.0	mV
50	Compliance	E008	01/16/2025	pH (field)	7.6	SU
50	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	1.72	pCi/L
50	Compliance	E008	01/16/2025	Selenium, total	0.00098 U	mg/L
50	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	1,042	micromhos/cm
50	Compliance	E008	01/16/2025	Sulfate, total	130	mg/L
50	Compliance	E008	01/16/2025	Temperature	15.1	degrees C
50	Compliance	E008	01/16/2025	Thallium, total	0.00057 U	mg/L
50	Compliance	E008	01/16/2025	Total Dissolved Solids	630	mg/L
50	Compliance	E008	01/16/2025	Turbidity, field	8.84	NTU
51	Compliance	E008	01/16/2025	Antimony, total	0.0013 U	mg/L
51	Compliance	E008	01/16/2025	Arsenic, total	0.0190	mg/L
51	Compliance	E008	01/16/2025	Barium, total	0.110	mg/L
51	Compliance	E008	01/16/2025	Beryllium, total	0.00053 U	mg/L
51	Compliance	E008	01/16/2025	Boron, total	1.40	mg/L
51	Compliance	E008	01/16/2025	Cadmium, total	0.00017 U	mg/L
51	Compliance	E008	01/16/2025	Calcium, total	120	mg/L
51	Compliance	E008	01/16/2025	Chloride, total	110	mg/L
51	Compliance	E008	01/16/2025	Chromium, total	0.0011 U	mg/L
51	Compliance	E008	01/16/2025	Cobalt, total	0.00049 J	mg/L
51	Compliance	E008	01/16/2025	Dissolved Oxygen	1.00	mg/L
51	Compliance	E008	01/16/2025	Fluoride, total	0.140	mg/L
51	Compliance	E008	01/16/2025	Lead, total	0.00049 J	mg/L
51	Compliance	E008	01/16/2025	Lithium, total	0.0250	mg/L
51	Compliance	E008	01/16/2025	Mercury, total	0.000076 U	mg/L
51	Compliance	E008	01/16/2025	Molybdenum, total	0.00800	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2025

845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
51	Compliance	E008	01/16/2025	Oxidation Reduction Potential	-156	mV
51	Compliance	E008	01/16/2025	pH (field)	7.5	SU
51	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	1.02	pCi/L
51	Compliance	E008	01/16/2025	Selenium, total	0.00098 U	mg/L
51	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	2,153	micromhos/cm
51	Compliance	E008	01/16/2025	Sulfate, total	95.0	mg/L
51	Compliance	E008	01/16/2025	Temperature	10.4	degrees C
51	Compliance	E008	01/16/2025	Thallium, total	0.00057 U	mg/L
51	Compliance	E008	01/16/2025	Total Dissolved Solids	670	mg/L
51	Compliance	E008	01/16/2025	Turbidity, field	13	NTU

Notes:

C = Celsius
cm = centimeter
Events:

E008 = Quarter 1, 2025 sampling event

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

Result Code (if applicable):

- NR¹ = Parameter not analyzed.
- NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
- NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
- NS³ = The location was not accessible; therefore, a sample was not collected.
- NS⁴ = The location could not be found; therefore, a sample was not collected.
- NS⁵ = The location was damaged; therefore, a sample was not collected.
- NS⁶ = Sampling pump could not yield a sample.
- NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS⁸ = A sample was not collected.
- PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

Result qualifiers as defined in the United States Environmental Protection Agency’s *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:

- J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
 - J+ = The result is an estimated quantity, but the result may be biased high.
 - U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
- SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
21/21R	UA	E008	Antimony, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.003	0.006	Standard	No Exceedance
21/21R	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/16/25	35	0	CB around linear reg	0.0239	0.010	Standard	Exceedance
21/21R	UA	E008	Barium, total	mg/L	12/10/15 - 01/16/25	34	0	CB around linear reg	0.306	2.0	Standard	No Exceedance
21/21R	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.001	0.004	Standard	No Exceedance
21/21R	UA	E008	Boron, total	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	1.57	2	Standard	No Exceedance
21/21R	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
21/21R	UA	E008	Chloride, total	mg/L	12/10/15 - 01/16/25	37	0	CB around linear reg	98.6	200	Standard	No Exceedance
21/21R	UA	E008	Chromium, total	mg/L	12/10/15 - 01/16/25	34	67	CB around T-S line	0.00188	0.1	Standard	No Exceedance
21/21R	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/16/25	34	72	CI around median	0.001	0.006	Standard	No Exceedance
21/21R	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/16/25	35	8	CI around median	0.14	4.0	Standard	No Exceedance
21/21R	UA	E008	Lead, total	mg/L	12/10/15 - 01/16/25	34	47	CB around T-S line	0.001	0.0075	Standard	No Exceedance
21/21R	UA	E008	Lithium, total	mg/L	12/10/15 - 01/16/25	34	0	CB around linear reg	0.0234	0.04	Standard	No Exceedance
21/21R	UA	E008	Mercury, total	mg/L	12/10/15 - 01/16/25	34	97	CI around median	0.0002	0.002	Standard	No Exceedance
21/21R	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/16/25	34	3	CB around linear reg	0.00779	0.1	Standard	No Exceedance
21/21R	UA	E008	pH (field)	SU	12/10/15 - 01/16/25	37	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
21/21R	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/16/25	27	0	CI around mean	0.889	5	Standard	No Exceedance
21/21R	UA	E008	Selenium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
21/21R	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/16/25	37	0	CB around T-S line	33.1	400	Standard	No Exceedance
21/21R	UA	E008	Thallium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.002	0.002	Standard	No Exceedance
21/21R	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	630	1,200	Standard	No Exceedance
22	UA	E008	Antimony, total	mg/L	12/10/15 - 01/15/25	37	92	CB around T-S line	0.001	0.006	Standard	No Exceedance
22	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/15/25	41	74	CI around median	0.001	0.010	Standard	No Exceedance
22	UA	E008	Barium, total	mg/L	12/10/15 - 01/15/25	37	0	CB around T-S line	0.0538	2.0	Standard	No Exceedance
22	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/15/25	37	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22	UA	E008	Boron, total	mg/L	12/10/15 - 01/15/25	42	0	CB around T-S line	2.83	2	Standard	Exceedance
22	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/15/25	37	8	CI around median	0.0047	0.005	Standard	No Exceedance
22	UA	E008	Chloride, total	mg/L	12/10/15 - 01/15/25	44	0	CB around T-S line	91.1	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
22	UA	E008	Chromium, total	mg/L	12/10/15 - 01/15/25	37	100	All ND - Last	0.005	0.1	Standard	No Exceedance
22	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/15/25	37	8	CI around mean	0.00193	0.006	Standard	No Exceedance
22	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/15/25	37	5	CI around median	0.15	4.0	Standard	No Exceedance
22	UA	E008	Lead, total	mg/L	12/10/15 - 01/15/25	37	97	CB around T-S line	0.001	0.0075	Standard	No Exceedance
22	UA	E008	Lithium, total	mg/L	12/10/15 - 01/15/25	41	0	CB around T-S line	0.0441	0.04	Standard	Exceedance
22	UA	E008	Mercury, total	mg/L	12/10/15 - 01/15/25	35	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/15/25	41	0	CB around T-S line	0.0482	0.1	Standard	No Exceedance
22	UA	E008	pH (field)	SU	12/10/15 - 01/15/25	40	0	CI around median	7.6/7.7	6.5/9.0	Standard/Standard	No Exceedance
22	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/15/25	28	0	CI around mean	0.368	5	Standard	No Exceedance
22	UA	E008	Selenium, total	mg/L	12/10/15 - 01/15/25	37	5	CI around mean	0.0132	0.05	Standard	No Exceedance
22	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/15/25	44	0	CB around linear reg	89.8	400	Standard	No Exceedance
22	UA	E008	Thallium, total	mg/L	12/10/15 - 01/15/25	37	95	CB around T-S line	0.002	0.002	Standard	No Exceedance
22	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/15/25	44	0	CB around linear reg	579	1,200	Standard	No Exceedance
22D	UA	E008	Antimony, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.003	0.006	Standard	No Exceedance
22D	UA	E008	Arsenic, total	mg/L	09/17/19 - 01/15/25	21	19	CI around median	0.0012	0.010	Standard	No Exceedance
22D	UA	E008	Barium, total	mg/L	09/17/19 - 01/15/25	21	0	CB around T-S line	0.0652	2.0	Standard	No Exceedance
22D	UA	E008	Beryllium, total	mg/L	09/17/19 - 01/15/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22D	UA	E008	Boron, total	mg/L	09/17/19 - 01/15/25	21	0	CB around linear reg	1.09	2	Standard	No Exceedance
22D	UA	E008	Cadmium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
22D	UA	E008	Chloride, total	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	91.8	200	Standard	No Exceedance
22D	UA	E008	Chromium, total	mg/L	09/17/19 - 01/15/25	21	90	CB around T-S line	0.0015	0.1	Standard	No Exceedance
22D	UA	E008	Cobalt, total	mg/L	09/17/19 - 01/15/25	21	95	CI around median	0.001	0.006	Standard	No Exceedance
22D	UA	E008	Fluoride, total	mg/L	09/17/19 - 01/15/25	21	10	CI around median	0.11	4.0	Standard	No Exceedance
22D	UA	E008	Lead, total	mg/L	09/17/19 - 01/15/25	21	90	CB around T-S line	0.000401	0.0075	Standard	No Exceedance
22D	UA	E008	Lithium, total	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	0.015	0.04	Standard	No Exceedance
22D	UA	E008	Mercury, total	mg/L	12/11/19 - 01/15/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22D	UA	E008	Molybdenum, total	mg/L	09/17/19 - 01/15/25	21	5	CB around T-S line	0.00541	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
22D	UA	E008	pH (field)	SU	09/17/19 - 01/15/25	24	0	CI around mean	7.2/7.3	6.5/9.0	Standard/Standard	No Exceedance
22D	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 01/15/25	18	0	CI around mean	0.864	5	Standard	No Exceedance
22D	UA	E008	Selenium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
22D	UA	E008	Sulfate, total	mg/L	09/17/19 - 01/15/25	21	0	CB around linear reg	84.7	400	Standard	No Exceedance
22D	UA	E008	Thallium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.002	0.002	Standard	No Exceedance
22D	UA	E008	Total Dissolved Solids	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	613	1,200	Standard	No Exceedance
23	UA	E008	Antimony, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.003	0.006	Standard	No Exceedance
23	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/17/25	41	91	CB around T-S line	0.001	0.010	Standard	No Exceedance
23	UA	E008	Barium, total	mg/L	12/10/15 - 01/17/25	37	0	CB around T-S line	0.0366	2.0	Standard	No Exceedance
23	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.001	0.004	Standard	No Exceedance
23	UA	E008	Boron, total	mg/L	12/10/15 - 01/17/25	42	0	CB around T-S line	8.51	2	Standard	Exceedance
23	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
23	UA	E008	Chloride, total	mg/L	12/10/15 - 01/17/25	44	1	CB around linear reg	52.5	200	Standard	No Exceedance
23	UA	E008	Chromium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.005	0.1	Standard	No Exceedance
23	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.001	0.006	Standard	No Exceedance
23	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/17/25	37	5	CI around median	0.15	4.0	Standard	No Exceedance
23	UA	E008	Lead, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
23	UA	E008	Lithium, total	mg/L	12/10/15 - 01/17/25	41	12	CI around median	0.0048	0.04	Standard	No Exceedance
23	UA	E008	Mercury, total	mg/L	12/10/15 - 01/17/25	35	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
23	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/17/25	41	0	CI around median	0.0147	0.1	Standard	No Exceedance
23	UA	E008	pH (field)	SU	12/10/15 - 01/17/25	39	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
23	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/17/25	28	0	CI around mean	0.256	5	Standard	No Exceedance
23	UA	E008	Selenium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
23	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/17/25	44	0	CI around median	421	400	Standard	Exceedance
23	UA	E008	Thallium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.002	0.002	Standard	No Exceedance
23	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/17/25	44	0	CI around mean	890	1,200	Standard	No Exceedance
24/51	UA	E008	Antimony, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.003	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
24/51	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/16/25	40	0	CI around mean	0.0205	0.010	Standard	Exceedance
24/51	UA	E008	Barium, total	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	0.107	2.0	Standard	No Exceedance
24/51	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.001	0.004	Standard	No Exceedance
24/51	UA	E008	Boron, total	mg/L	12/10/15 - 01/16/25	40	0	CB around linear reg	1.17	2	Standard	No Exceedance
24/51	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
24/51	UA	E008	Chloride, total	mg/L	12/10/15 - 01/16/25	42	0	CB around linear reg	105	200	Standard	No Exceedance
24/51	UA	E008	Chromium, total	mg/L	12/10/15 - 01/16/25	35	78	CB around T-S line	0.0018	0.1	Standard	No Exceedance
24/51	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/16/25	35	76	CI around median	0.001	0.006	Standard	No Exceedance
24/51	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/16/25	35	5	CB around T-S line	0.122	4.0	Standard	No Exceedance
24/51	UA	E008	Lead, total	mg/L	12/10/15 - 01/16/25	35	60	CI around median	0.001	0.0075	Standard	No Exceedance
24/51	UA	E008	Lithium, total	mg/L	12/10/15 - 01/16/25	39	0	CB around T-S line	0.0236	0.04	Standard	No Exceedance
24/51	UA	E008	Mercury, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
24/51	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/16/25	39	3	CB around linear reg	0.00741	0.1	Standard	No Exceedance
24/51	UA	E008	pH (field)	SU	12/10/15 - 01/16/25	37	0	CB around linear reg	7.2/7.4	6.5/9.0	Standard/Standard	No Exceedance
24/51	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/16/25	27	0	CB around linear reg	1.2	5	Standard	No Exceedance
24/51	UA	E008	Selenium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
24/51	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/16/25	42	0	CB around linear reg	77.2	400	Standard	No Exceedance
24/51	UA	E008	Thallium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.002	0.002	Standard	No Exceedance
24/51	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/16/25	42	0	CI around mean	623	1,200	Standard	No Exceedance
27	UA	E008	Antimony, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.003	0.006	Standard	No Exceedance
27	UA	E008	Arsenic, total	mg/L	09/12/18 - 01/14/25	24	58	CI around median	0.001	0.010	Standard	No Exceedance
27	UA	E008	Barium, total	mg/L	09/12/18 - 01/14/25	24	0	CI around median	0.0837	2.0	Standard	No Exceedance
27	UA	E008	Beryllium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
27	UA	E008	Boron, total	mg/L	09/12/18 - 01/14/25	24	0	CB around linear reg	1.47	2	Standard	No Exceedance
27	UA	E008	Cadmium, total	mg/L	09/12/18 - 01/14/25	24	96	CI around median	0.001	0.005	Standard	No Exceedance
27	UA	E008	Chloride, total	mg/L	03/08/16 - 01/14/25	29	0	CI around median	89	200	Standard	No Exceedance
27	UA	E008	Chromium, total	mg/L	09/12/18 - 01/14/25	24	81	CB around T-S line	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
27	UA	E008	Cobalt, total	mg/L	09/12/18 - 01/14/25	24	8	CI around mean	0.00194	0.006	Standard	No Exceedance
27	UA	E008	Fluoride, total	mg/L	09/12/18 - 01/14/25	24	4	CI around median	0.12	4.0	Standard	No Exceedance
27	UA	E008	Lead, total	mg/L	09/12/18 - 01/14/25	24	50	CI around median	0.001	0.0075	Standard	No Exceedance
27	UA	E008	Lithium, total	mg/L	09/12/18 - 01/14/25	24	0	CI around mean	0.0215	0.04	Standard	No Exceedance
27	UA	E008	Mercury, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
27	UA	E008	Molybdenum, total	mg/L	09/12/18 - 01/14/25	24	33	CI around median	0.0044	0.1	Standard	No Exceedance
27	UA	E008	pH (field)	SU	03/08/16 - 01/14/25	29	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
27	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 01/14/25	18	0	CI around geomean	0.24	5	Standard	No Exceedance
27	UA	E008	Selenium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
27	UA	E008	Sulfate, total	mg/L	03/08/16 - 01/14/25	29	0	CB around linear reg	88.4	400	Standard	No Exceedance
27	UA	E008	Thallium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
27	UA	E008	Total Dissolved Solids	mg/L	03/08/16 - 01/14/25	29	0	CI around median	648	1,200	Standard	No Exceedance
35	UA	E008	Antimony, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.003	0.006	Standard	No Exceedance
35	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/16/25	36	78	CI around median	0.001	0.010	Standard	No Exceedance
35	UA	E008	Barium, total	mg/L	12/09/15 - 01/16/25	36	0	CI around mean	0.0416	2.0	Standard	No Exceedance
35	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.001	0.004	Standard	No Exceedance
35	UA	E008	Boron, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	12.2	2	Standard	Exceedance
35	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
35	UA	E008	Chloride, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	15.3	200	Standard	No Exceedance
35	UA	E008	Chromium, total	mg/L	12/09/15 - 01/16/25	36	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
35	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/16/25	36	42	CI around median	0.001	0.006	Standard	No Exceedance
35	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/16/25	37	3	CI around median	0.17	4.0	Standard	No Exceedance
35	UA	E008	Lead, total	mg/L	12/09/15 - 01/16/25	36	92	CB around T-S line	0.000727	0.0075	Standard	No Exceedance
35	UA	E008	Lithium, total	mg/L	12/09/15 - 01/16/25	36	0	CI around mean	0.0246	0.04	Standard	No Exceedance
35	UA	E008	Mercury, total	mg/L	12/09/15 - 01/16/25	35	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
35	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/16/25	36	0	CB around linear reg	0.0509	0.1	Standard	No Exceedance
35	UA	E008	pH (field)	SU	12/09/15 - 01/16/25	37	0	CB around linear reg	6.8/7.0	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
35	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/16/25	29	0	CI around median	0.31	5	Standard	No Exceedance
35	UA	E008	Selenium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
35	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	720	400	Standard	Exceedance
35	UA	E008	Thallium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.002	0.002	Standard	No Exceedance
35	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	1,360	1,200	Standard	Exceedance
49	UA	E008	Antimony, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.003	0.006	Standard	No Exceedance
49	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/17/25	36	97	CI around median	0.001	0.010	Standard	No Exceedance
49	UA	E008	Barium, total	mg/L	12/10/15 - 01/17/25	36	0	CB around T-S line	0.0622	2.0	Standard	No Exceedance
49	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.001	0.004	Standard	No Exceedance
49	UA	E008	Boron, total	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	0.425	2	Standard	No Exceedance
49	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/17/25	36	25	CI around geomean	0.00107	0.005	Standard	No Exceedance
49	UA	E008	Chloride, total	mg/L	12/10/15 - 01/17/25	37	0	CI around median	100	200	Standard	No Exceedance
49	UA	E008	Chromium, total	mg/L	12/10/15 - 01/17/25	36	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
49	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/17/25	36	0	CI around mean	0.00421	0.006	Standard	No Exceedance
49	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/17/25	37	3	CI around median	0.15	4.0	Standard	No Exceedance
49	UA	E008	Lead, total	mg/L	12/10/15 - 01/17/25	36	92	CI around median	0.001	0.0075	Standard	No Exceedance
49	UA	E008	Lithium, total	mg/L	12/10/15 - 01/17/25	36	0	CI around mean	0.024	0.04	Standard	No Exceedance
49	UA	E008	Mercury, total	mg/L	12/10/15 - 01/17/25	35	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
49	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/17/25	36	0	CB around T-S line	0.0191	0.1	Standard	No Exceedance
49	UA	E008	pH (field)	SU	12/10/15 - 01/17/25	38	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
49	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/17/25	29	0	CI around mean	0.353	5	Standard	No Exceedance
49	UA	E008	Selenium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
49	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	68.4	400	Standard	No Exceedance
49	UA	E008	Thallium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.002	0.002	Standard	No Exceedance
49	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	578	1,200	Standard	No Exceedance
50	UA	E008	Antimony, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.003	0.006	Standard	No Exceedance
50	UA	E008	Arsenic, total	mg/L	09/17/19 - 01/16/25	21	90	CI around median	0.001	0.010	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
50	UA	E008	Barium, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	0.0855	2.0	Standard	No Exceedance
50	UA	E008	Beryllium, total	mg/L	09/17/19 - 01/16/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
50	UA	E008	Boron, total	mg/L	09/17/19 - 01/16/25	21	0	CI around geomean	0.736	2	Standard	No Exceedance
50	UA	E008	Cadmium, total	mg/L	09/17/19 - 01/16/25	21	5	CI around geomean	0.00109	0.005	Standard	No Exceedance
50	UA	E008	Chloride, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	86.5	200	Standard	No Exceedance
50	UA	E008	Chromium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.005	0.1	Standard	No Exceedance
50	UA	E008	Cobalt, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	0.00405	0.006	Standard	No Exceedance
50	UA	E008	Fluoride, total	mg/L	09/17/19 - 01/16/25	21	19	CB around T-S line	0.115	4.0	Standard	No Exceedance
50	UA	E008	Lead, total	mg/L	09/17/19 - 01/16/25	21	95	CB around T-S line	0.000499	0.0075	Standard	No Exceedance
50	UA	E008	Lithium, total	mg/L	09/17/19 - 01/16/25	21	0	CB around T-S line	0.02	0.04	Standard	No Exceedance
50	UA	E008	Mercury, total	mg/L	12/11/19 - 01/16/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
50	UA	E008	Molybdenum, total	mg/L	09/17/19 - 01/16/25	21	0	CB around T-S line	0.0348	0.1	Standard	No Exceedance
50	UA	E008	pH (field)	SU	09/17/19 - 01/16/25	24	0	CB around linear reg	7.4/7.7	6.5/9.0	Standard/Standard	No Exceedance
50	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 01/16/25	17	0	CI around mean	0.642	5	Standard	No Exceedance
50	UA	E008	Selenium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
50	UA	E008	Sulfate, total	mg/L	09/17/19 - 01/16/25	21	0	CI around geomean	90.1	400	Standard	No Exceedance
50	UA	E008	Thallium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.002	0.002	Standard	No Exceedance
50	UA	E008	Total Dissolved Solids	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	611	1,200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Notes:

Compliance Result:

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

Exceedance: The statistical result exceeded the GWPS.

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the West Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

Events:

E008 = Quarter 1, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result

Statistical Calculation = method used to calculate the statistical result:

All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown

CB around T-S line = Confidence band around Thiel-Sen line

CB around T-S line = Confidence band around Thiel-Sen line

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

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

GWPS Source:

Background = background concentration

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

FIGURES



- COMPLIANCE WELL
- BACKGROUND WELL
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

0 200 400
Feet

MONITORING WELL LOCATION
MAP

WEST ASH POND SYSTEM
HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

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

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
21R	Compliance	01/13/2025	7.11	445.32
22	Compliance	01/13/2025	19.64	445.29
22D	Compliance	01/13/2025	20.58	445.33
23	Compliance	01/17/2025	[19.36]	[444.55]
27	Compliance	01/13/2025	5.29	445.74
32	Background	01/13/2025	6.16	445.86
34	Background	01/13/2025	8.42	441.59
35	Compliance	01/13/2025	9.44	445.79
49	Compliance	01/17/2025	[22.13]	[446.43]
50	Compliance	01/16/2025	[19.45]	[444.95]
51	Compliance	01/13/2025	19.94	445.10

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.
Depth to Groundwater/Groundwater Elevation Code (if applicable):
DM¹ = Depth to water was not measured.
DM² = Depth to water was not measured because water was above or below the staff gage markings.
DM³ = Depth to water was not measured because the location was inaccessible.
DM⁴ = Depth to water was not measured because water level was below the top of the pump.
DM⁵ = Depth to water was not measured because water level was above the top of casing (artesian well).
DM⁶ = Depth to water was not measured because of damage to the well.
DM⁷ = Depth to water was not measured due to required pressure transducer maintenance.
DM⁸ = Lab provided groundwater elevation data and not depth to water.
NAVD88 = North American Vertical Datum of 1988

**ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 1, 2025**

ANALYTICAL REPORT

PREPARED FOR

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

Generated 02/03/25 14:29:57

JOB DESCRIPTION

HEN-25Q1
HEN_845_804

JOB NUMBER

500-262718-11

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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02/03/25 14:29:57

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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project: HEN-25Q1

Job ID: 500-262718-11

Job ID: 500-262718-11

Eurofins Chicago

Job Narrative 500-262718-11

Receipt

The samples were received on 01/15/25 12:16. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 12 coolers at receipt time were 0.1° C, 1.2° C, 1.9° C, 2.2° C, 2.2° C, 2.6° C, 2.8° C, 3.2° C, 3.9° C, 4.5° C, 4.8° C and 5.7° C.

Metals

Method 6020B: The following samples were diluted to bring the concentration of target analytes within the calibration range: 22 (500-262718-14), 35 (500-262718-26), 35_FD (500-262718-27) and 23 (500-262718-37), . Elevated reporting limits (RLs) are provided.

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

General Chemistry

Method SM 2320B: The method blank for analytical batch 500-803167 contained Alkalinity 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 500-803462 contained Alkalinity above 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 500-803603 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: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 500-803354 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: Due to the high concentration of Chloride and Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 500-803788 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: In analytical batch 500-803338, the batch MB and LCS that was run was from a filtered batch but used as batch QC and all samples were related to them. (LCS 500-803787/2-A) and (MB 500-803787/1-A)

Method 300.0: Due to the high concentration of Chloride and Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 500-803813 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 27

Lab Sample ID: 500-262718-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.019		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.0015		0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.085		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	2.7	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Calcium	130		0.20	0.044	mg/L	1			6020B	Total Recoverable
Cobalt	0.0013		0.0010	0.00040	mg/L	1			6020B	Total Recoverable
Lead	0.00023	J	0.00050	0.00019	mg/L	1			6020B	Total Recoverable
Magnesium	40		0.20	0.049	mg/L	1			6020B	Total Recoverable
Molybdenum	0.0047	J	0.0050	0.0025	mg/L	1			6020B	Total Recoverable
Potassium	2.9		0.50	0.11	mg/L	1			6020B	Total Recoverable
Sodium	53		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	94		1.0	0.42	mg/L	1			300.0	Total/NA
Sulfate	130		1.0	0.47	mg/L	1			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	330	B	5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	680		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.15		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	5.29				ft	1			Field Sampling	Total/NA
Field pH	7.32				SU	1			Field Sampling	Total/NA
Field Temperature	10.6				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	-59.0				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	1.32				mg/L	1			Field Sampling	Total/NA
Specific Conductance	2079				umhos/cm	1			Field Sampling	Total/NA
Turbidity	169.42				NTU	1			Field Sampling	Total/NA

Client Sample ID: 22

Lab Sample ID: 500-262718-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.054		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.00078	J	0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.060		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	3.4	B	0.25	0.064	mg/L	5			6020B	Total Recoverable
Cadmium	0.0051		0.00050	0.00017	mg/L	1			6020B	Total Recoverable
Calcium	94		1.0	0.22	mg/L	5			6020B	Total Recoverable
Cobalt	0.0020		0.0010	0.00040	mg/L	1			6020B	Total Recoverable
Lead	0.00046	J	0.00050	0.00019	mg/L	1			6020B	Total Recoverable
Magnesium	37		0.20	0.049	mg/L	1			6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 22 (Continued)

Lab Sample ID: 500-262718-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Molybdenum	0.071		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	11		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.015		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	63		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	97		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	130		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	260	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	620		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.16		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	19.81				ft	1		Field Sampling	Total/NA
Field pH	7.73				SU	1		Field Sampling	Total/NA
Field Temperature	14.5				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	49.1				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.81				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1970				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.84				NTU	1		Field Sampling	Total/NA

Client Sample ID: 22&D

Lab Sample ID: 500-262718-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.017		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00094	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.069		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	1.4	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	120		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	40		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0063		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	3.1		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	53		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	100		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	96		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	350	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	660		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)	20.61				ft	1		Field Sampling	Total/NA
Field pH	7.40				SU	1		Field Sampling	Total/NA
Field Temperature	12.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-114.9				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.99				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2114				umhos/cm	1		Field Sampling	Total/NA
Turbidity	5.55				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-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 32

Lab Sample ID: 500-262718-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.0048	J	0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Barium	0.051		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	0.17	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Cadmium	0.00033	J	0.00050	0.00017	mg/L	1			6020B	Total Recoverable
Calcium	130		0.20	0.044	mg/L	1			6020B	Total Recoverable
Cobalt	0.00083	J	0.0010	0.00040	mg/L	1			6020B	Total Recoverable
Magnesium	47		0.20	0.049	mg/L	1			6020B	Total Recoverable
Potassium	2.2		0.50	0.11	mg/L	1			6020B	Total Recoverable
Sodium	46		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	120		1.0	0.42	mg/L	1			300.0	Total/NA
Sulfate	140		1.0	0.47	mg/L	1			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	310		5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	770		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.13		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	6.19				ft	1			Field Sampling	Total/NA
Field pH	7.21				SU	1			Field Sampling	Total/NA
Field Temperature	9.9				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	86.1				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	1.32				mg/L	1			Field Sampling	Total/NA
Specific Conductance	2192				umhos/cm	1			Field Sampling	Total/NA
Turbidity	36.12				NTU	1			Field Sampling	Total/NA

Client Sample ID: 34

Lab Sample ID: 500-262718-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.015		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.00046	J	0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.11		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	0.13	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Calcium	160		0.20	0.044	mg/L	1			6020B	Total Recoverable
Lead	0.00081		0.00050	0.00019	mg/L	1			6020B	Total Recoverable
Magnesium	41		0.20	0.049	mg/L	1			6020B	Total Recoverable
Potassium	0.35	J	0.50	0.11	mg/L	1			6020B	Total Recoverable
Sodium	57		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	70		1.0	0.42	mg/L	1			300.0	Total/NA
Sulfate	52		1.0	0.47	mg/L	1			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	520		5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	740		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-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 34 (Continued)

Lab Sample ID: 500-262718-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.17		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	8.32				ft	1		Field Sampling	Total/NA
Field pH	7.19				SU	1		Field Sampling	Total/NA
Field Temperature	10.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-75.37				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	2.92				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2225				umhos/cm	1		Field Sampling	Total/NA
Turbidity	17.87				NTU	1		Field Sampling	Total/NA

Client Sample ID: 21R

Lab Sample ID: 500-262718-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.023		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Arsenic	0.021		0.0010	0.00023	mg/L	1		6020B	Recoverable Total
Barium	0.28		0.0025	0.00073	mg/L	1		6020B	Recoverable Total
Boron	2.0	B	0.050	0.013	mg/L	1		6020B	Recoverable Total
Calcium	120		0.20	0.044	mg/L	1		6020B	Recoverable Total
Magnesium	39		0.20	0.049	mg/L	1		6020B	Recoverable Total
Molybdenum	0.0085		0.0050	0.0025	mg/L	1		6020B	Recoverable Total
Potassium	2.7		0.50	0.11	mg/L	1		6020B	Recoverable Total
Sodium	54		0.20	0.077	mg/L	1		6020B	Recoverable Total
Chloride	94		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	79		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	380	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	660		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.16		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	7.10				ft	1		Field Sampling	Total/NA
Field pH	7.68				SU	1		Field Sampling	Total/NA
Field Temperature	12.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-22.2				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.11				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1162				umhos/cm	1		Field Sampling	Total/NA
Turbidity	112.24				NTU	1		Field Sampling	Total/NA

Client Sample ID: 35

Lab Sample ID: 500-262718-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.026		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Arsenic	0.00071	J	0.0010	0.00023	mg/L	1		6020B	Recoverable Total
Barium	0.058		0.0025	0.00073	mg/L	1		6020B	Recoverable Total
Boron	13	B	0.50	0.13	mg/L	10		6020B	Recoverable Total

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNERIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 35 (Continued)

Lab Sample ID: 500-262718-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.00041	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	380		2.0	0.44	mg/L	10		6020B	Total Recoverable
Cobalt	0.0012		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Magnesium	46		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.055		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	12		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	28		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	15		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	920		50	23	mg/L	50		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	300	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1600		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.17		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	9.46				ft	1		Field Sampling	Total/NA
Field pH	6.97				SU	1		Field Sampling	Total/NA
Field Temperature	12.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	86.5				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.10				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2937				umhos/cm	1		Field Sampling	Total/NA
Turbidity	12.06				NTU	1		Field Sampling	Total/NA

Client Sample ID: 35_FD

Lab Sample ID: 500-262718-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.023		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00062	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.056		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	13	B	0.50	0.13	mg/L	10		6020B	Total Recoverable
Cadmium	0.00039	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	380		2.0	0.44	mg/L	10		6020B	Total Recoverable
Cobalt	0.0011		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Magnesium	45		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.054		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	12		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	26		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	16		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	900		50	23	mg/L	50		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	280	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1600		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-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 35_FD (Continued)

Lab Sample ID: 500-262718-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.16		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	9.46				ft	1		Field Sampling	Total/NA
Field pH	6.97				SU	1		Field Sampling	Total/NA
Field Temperature	12.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	86.5				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.10				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2937				umhos/cm	1		Field Sampling	Total/NA
Turbidity	12.06				NTU	1		Field Sampling	Total/NA

Client Sample ID: 50

Lab Sample ID: 500-262718-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.032		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00065	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.074		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	1.8	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.0018		0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	110		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0046		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00029	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	23		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.053		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	8.5		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	57		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	88		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	130		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	250	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	630		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.15		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	19.40				ft	1		Field Sampling	Total/NA
Field pH	7.62				SU	1		Field Sampling	Total/NA
Field Temperature	15.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	38.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.23				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1042				umhos/cm	1		Field Sampling	Total/NA
Turbidity	8.84				NTU	1		Field Sampling	Total/NA

Client Sample ID: 51

Lab Sample ID: 500-262718-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.025		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 51 (Continued)

Lab Sample ID: 500-262718-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.019		0.0010	0.00023	mg/L	1		6020B	Total
Barium	0.11		0.0025	0.00073	mg/L	1		6020B	Recoverable
Boron	1.4	B	0.050	0.013	mg/L	1		6020B	Total
Calcium	120		0.20	0.044	mg/L	1		6020B	Recoverable
Cobalt	0.00049	J	0.0010	0.00040	mg/L	1		6020B	Total
Lead	0.00049	J	0.00050	0.00019	mg/L	1		6020B	Recoverable
Magnesium	37		0.20	0.049	mg/L	1		6020B	Total
Molybdenum	0.0080		0.0050	0.0025	mg/L	1		6020B	Recoverable
Potassium	6.6		0.50	0.11	mg/L	1		6020B	Total
Sodium	58		0.20	0.077	mg/L	1		6020B	Recoverable
Chloride	110		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	95		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	360	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	670		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.14		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	20.00				ft	1		Field Sampling	Total/NA
Field pH	7.50				SU	1		Field Sampling	Total/NA
Field Temperature	10.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-156.5				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.00				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2153				umhos/cm	1		Field Sampling	Total/NA
Turbidity	12.99				NTU	1		Field Sampling	Total/NA

Client Sample ID: 23

Lab Sample ID: 500-262718-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0065		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Arsenic	0.00058	J	0.0010	0.00023	mg/L	1		6020B	Recoverable
Barium	0.037		0.0025	0.00073	mg/L	1		6020B	Total
Boron	9.9	B	0.50	0.13	mg/L	10		6020B	Recoverable
Calcium	110		2.0	0.44	mg/L	10		6020B	Total
Magnesium	72		0.20	0.049	mg/L	1		6020B	Recoverable
Molybdenum	0.015		0.0050	0.0025	mg/L	1		6020B	Total
Potassium	2.9		0.50	0.11	mg/L	1		6020B	Recoverable
Sodium	46		0.20	0.077	mg/L	1		6020B	Total
Chloride	66		1.0	0.42	mg/L	1		300.0	Recoverable
Sulfate	420		20	9.4	mg/L	20		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 23 (Continued)

Lab Sample ID: 500-262718-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bicarbonate Alkalinity as CaCO3	180		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	910		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.17		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	19.36				ft	1		Field Sampling	Total/NA
Field pH	7.47				SU	1		Field Sampling	Total/NA
Field Temperature	12.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	123.2				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.11				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1233				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.13				NTU	1		Field Sampling	Total/NA

Client Sample ID: 49

Lab Sample ID: 500-262718-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.027		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.061		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.63	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.0013		0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	100		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0024		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00019	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	34		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.022		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	12		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	62		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	110		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	81		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	330		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	650		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.16		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	22.10				ft	1		Field Sampling	Total/NA
Field pH	7.06				SU	1		Field Sampling	Total/NA
Field Temperature	14.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	142.9				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.14				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1185				umhos/cm	1		Field Sampling	Total/NA
Turbidity	7.98				NTU	1		Field Sampling	Total/NA

Client Sample ID: YSG_ILRIVER (SG02)

Lab Sample ID: 500-262718-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	27.55				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

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-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-262718-7	27	Water	01/14/25 16:30	01/15/25 12:16
500-262718-14	22	Water	01/15/25 08:45	01/16/25 12:17
500-262718-15	22&D	Water	01/15/25 09:40	01/16/25 12:17
500-262718-16	32	Water	01/15/25 16:10	01/16/25 12:17
500-262718-17	34	Water	01/15/25 14:50	01/16/25 12:17
500-262718-25	21R	Water	01/16/25 14:00	01/17/25 12:24
500-262718-26	35	Water	01/16/25 11:15	01/17/25 12:24
500-262718-27	35_FD	Water	01/16/25 11:20	01/17/25 12:24
500-262718-31	50	Water	01/16/25 15:20	01/17/25 12:24
500-262718-32	51	Water	01/16/25 09:55	01/17/25 12:24
500-262718-37	23	Water	01/17/25 10:45	01/17/25 14:00
500-262718-38	49	Water	01/17/25 10:00	01/17/25 14:00
500-262718-49	YSG_ILRIVER (SG02)	Water	01/13/25 10:15	01/15/25 12:16

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 27

Lab Sample ID: 500-262718-7

Date Collected: 01/14/25 16:30

Matrix: Water

Date Received: 01/15/25 12:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.019		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 20:13	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		01/16/25 08:24	01/17/25 14:20	1
Arsenic	0.0015		0.0010	0.00023	mg/L		01/16/25 08:24	01/17/25 14:20	1
Barium	0.085		0.0025	0.00073	mg/L		01/16/25 08:24	01/17/25 14:20	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/16/25 08:24	01/17/25 14:20	1
Boron	2.7	B	0.050	0.013	mg/L		01/16/25 08:24	01/17/25 14:20	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/16/25 08:24	01/17/25 14:20	1
Calcium	130		0.20	0.044	mg/L		01/16/25 08:24	01/17/25 14:20	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/16/25 08:24	01/17/25 14:20	1
Cobalt	0.0013		0.0010	0.00040	mg/L		01/16/25 08:24	01/17/25 14:20	1
Lead	0.00023	J	0.00050	0.00019	mg/L		01/16/25 08:24	01/17/25 14:20	1
Magnesium	40		0.20	0.049	mg/L		01/16/25 08:24	01/17/25 14:20	1
Molybdenum	0.0047	J	0.0050	0.0025	mg/L		01/16/25 08:24	01/17/25 14:20	1
Potassium	2.9		0.50	0.11	mg/L		01/16/25 08:24	01/17/25 14:20	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/16/25 08:24	01/17/25 14:20	1
Sodium	53		0.20	0.077	mg/L		01/16/25 08:24	01/17/25 14:20	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/16/25 08:24	01/17/25 14:20	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		01/22/25 10:35	01/23/25 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	94		1.0	0.42	mg/L			01/31/25 10:47	1
Sulfate (EPA 300.0)	130		1.0	0.47	mg/L			01/31/25 10:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	330	B	5.0	3.7	mg/L			01/16/25 12:25	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/16/25 12:25	1
Total Dissolved Solids (SM 2540C)	680		10	4.3	mg/L			01/16/25 00:53	1
Fluoride (SM 4500 F C)	0.15		0.10	0.056	mg/L			01/16/25 15:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	5.29				ft			01/14/25 16:30	1
Field pH	7.32				SU			01/14/25 16:30	1
Field Temperature	10.6				Degrees C			01/14/25 16:30	1
Oxidation Reduction Potential	-59.0				millivolts			01/14/25 16:30	1
Oxygen, Dissolved	1.32				mg/L			01/14/25 16:30	1
Specific Conductance	2079				umhos/cm			01/14/25 16:30	1
Turbidity	169.42				NTU			01/14/25 16:30	1

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Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 22

Lab Sample ID: 500-262718-14

Date Collected: 01/15/25 08:45

Matrix: Water

Date Received: 01/16/25 12:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.054		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 20:40	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		01/21/25 16:16	01/22/25 14:46	1
Arsenic	0.00078	J	0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 14:46	1
Barium	0.060		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 14:46	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 14:46	1
Boron	3.4	B	0.25	0.064	mg/L		01/21/25 16:16	01/24/25 13:21	5
Cadmium	0.0051		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 14:46	1
Calcium	94		1.0	0.22	mg/L		01/21/25 16:16	01/24/25 13:21	5
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 14:46	1
Cobalt	0.0020		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 14:46	1
Lead	0.00046	J	0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 14:46	1
Magnesium	37		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 14:46	1
Molybdenum	0.071		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 14:46	1
Potassium	11		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 14:46	1
Selenium	0.015		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 14:46	1
Sodium	63		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 14:46	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 14:46	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		01/22/25 10:35	01/23/25 09:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	97		1.0	0.42	mg/L			01/31/25 11:03	1
Sulfate (EPA 300.0)	130		1.0	0.47	mg/L			01/31/25 11:03	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	260	B	5.0	3.7	mg/L			01/17/25 15:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 15:11	1
Total Dissolved Solids (SM 2540C)	620		10	4.3	mg/L			01/20/25 03:39	1
Fluoride (SM 4500 F C)	0.16		0.10	0.056	mg/L			01/21/25 14:31	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	19.81				ft			01/15/25 08:45	1
Field pH	7.73				SU			01/15/25 08:45	1
Field Temperature	14.5				Degrees C			01/15/25 08:45	1
Oxidation Reduction Potential	49.1				millivolts			01/15/25 08:45	1
Oxygen, Dissolved	0.81				mg/L			01/15/25 08:45	1
Specific Conductance	1970				umhos/cm			01/15/25 08:45	1
Turbidity	3.84				NTU			01/15/25 08:45	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 22&D

Lab Sample ID: 500-262718-15

Date Collected: 01/15/25 09:40

Matrix: Water

Date Received: 01/16/25 12:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.017		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 20:45	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		01/21/25 16:16	01/22/25 14:48	1
Arsenic	0.00094	J	0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 14:48	1
Barium	0.069		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 14:48	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 14:48	1
Boron	1.4	B	0.050	0.013	mg/L		01/21/25 16:16	01/27/25 15:57	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 14:48	1
Calcium	120		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 13:29	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 14:48	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 14:48	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 14:48	1
Magnesium	40		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 14:48	1
Molybdenum	0.0063		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 14:48	1
Potassium	3.1		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 14:48	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 14:48	1
Sodium	53		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 14:48	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 14:48	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		01/22/25 10:35	01/23/25 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	100		1.0	0.42	mg/L			01/31/25 11:18	1
Sulfate (EPA 300.0)	96		1.0	0.47	mg/L			01/31/25 11:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	350	B	5.0	3.7	mg/L			01/17/25 15:21	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 15:21	1
Total Dissolved Solids (SM 2540C)	660		10	4.3	mg/L			01/20/25 03:41	1
Fluoride (SM 4500 F C)	0.12		0.10	0.056	mg/L			01/21/25 14:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	20.61				ft			01/15/25 09:40	1
Field pH	7.40				SU			01/15/25 09:40	1
Field Temperature	12.9				Degrees C			01/15/25 09:40	1
Oxidation Reduction Potential	-114.9				millivolts			01/15/25 09:40	1
Oxygen, Dissolved	0.99				mg/L			01/15/25 09:40	1
Specific Conductance	2114				umhos/cm			01/15/25 09:40	1
Turbidity	5.55				NTU			01/15/25 09:40	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 32

Lab Sample ID: 500-262718-16

Date Collected: 01/15/25 16:10

Matrix: Water

Date Received: 01/16/25 12:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0048	J	0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 20:58	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		01/21/25 16:16	01/22/25 14:51	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 14:51	1
Barium	0.051		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 14:51	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 14:51	1
Boron	0.17	B	0.050	0.013	mg/L		01/21/25 16:16	01/27/25 16:01	1
Cadmium	0.00033	J	0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 14:51	1
Calcium	130		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 13:31	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 14:51	1
Cobalt	0.00083	J	0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 14:51	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 14:51	1
Magnesium	47		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 14:51	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 14:51	1
Potassium	2.2		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 14:51	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 14:51	1
Sodium	46		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 14:51	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 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		01/22/25 10:35	01/23/25 10:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		1.0	0.42	mg/L			01/31/25 11:33	1
Sulfate (EPA 300.0)	140		1.0	0.47	mg/L			01/31/25 11:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	310		5.0	3.7	mg/L			01/17/25 15:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 15:43	1
Total Dissolved Solids (SM 2540C)	770		10	4.3	mg/L			01/20/25 03:44	1
Fluoride (SM 4500 F C)	0.13		0.10	0.056	mg/L			01/21/25 14:51	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	6.19				ft			01/15/25 16:10	1
Field pH	7.21				SU			01/15/25 16:10	1
Field Temperature	9.9				Degrees C			01/15/25 16:10	1
Oxidation Reduction Potential	86.1				millivolts			01/15/25 16:10	1
Oxygen, Dissolved	1.32				mg/L			01/15/25 16:10	1
Specific Conductance	2192				umhos/cm			01/15/25 16:10	1
Turbidity	36.12				NTU			01/15/25 16:10	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 34

Lab Sample ID: 500-262718-17

Date Collected: 01/15/25 14:50

Matrix: Water

Date Received: 01/16/25 12:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.015		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 21:03	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		01/21/25 16:16	01/22/25 14:53	1
Arsenic	0.00046	J	0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 14:53	1
Barium	0.11		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 14:53	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 14:53	1
Boron	0.13	B	0.050	0.013	mg/L		01/21/25 16:16	01/27/25 16:05	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 14:53	1
Calcium	160		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 13:34	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 14:53	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 14:53	1
Lead	0.00081		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 14:53	1
Magnesium	41		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 14:53	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 14:53	1
Potassium	0.35	J	0.50	0.11	mg/L		01/21/25 16:16	01/22/25 14:53	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 14:53	1
Sodium	57		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 14:53	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 14:53	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		01/22/25 10:35	01/23/25 10:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	70		1.0	0.42	mg/L			01/31/25 11:48	1
Sulfate (EPA 300.0)	52		1.0	0.47	mg/L			01/31/25 11:48	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	520		5.0	3.7	mg/L			01/17/25 15:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 15:53	1
Total Dissolved Solids (SM 2540C)	740		10	4.3	mg/L			01/20/25 03:46	1
Fluoride (SM 4500 F C)	0.17		0.10	0.056	mg/L			01/21/25 14:55	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	8.32				ft			01/15/25 14:50	1
Field pH	7.19				SU			01/15/25 14:50	1
Field Temperature	10.9				Degrees C			01/15/25 14:50	1
Oxidation Reduction Potential	-75.37				millivolts			01/15/25 14:50	1
Oxygen, Dissolved	2.92				mg/L			01/15/25 14:50	1
Specific Conductance	2225				umhos/cm			01/15/25 14:50	1
Turbidity	17.87				NTU			01/15/25 14:50	1

Eurofins Chicago

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 21R

Lab Sample ID: 500-262718-25

Date Collected: 01/16/25 14:00

Matrix: Water

Date Received: 01/17/25 12:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.023		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 19:19	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		01/21/25 16:16	01/22/25 14:23	1
Arsenic	0.021		0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 14:23	1
Barium	0.28		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 14:23	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 14:23	1
Boron	2.0	B	0.050	0.013	mg/L		01/21/25 16:16	01/24/25 13:16	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 14:23	1
Calcium	120		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 13:16	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 14:23	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 14:23	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 14:23	1
Magnesium	39		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 14:23	1
Molybdenum	0.0085		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 14:23	1
Potassium	2.7		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 14:23	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 14:23	1
Sodium	54		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 14:23	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 14:23	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		01/23/25 14:20	01/24/25 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	94		1.0	0.42	mg/L			01/22/25 16:55	1
Sulfate (EPA 300.0)	79		1.0	0.47	mg/L			01/22/25 16:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	380	B	5.0	3.7	mg/L			01/20/25 16:48	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/20/25 16:48	1
Total Dissolved Solids (SM 2540C)	660		10	4.3	mg/L			01/20/25 04:07	1
Fluoride (SM 4500 F C)	0.16		0.10	0.056	mg/L			01/21/25 14:13	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	7.10				ft			01/16/25 14:00	1
Field pH	7.68				SU			01/16/25 14:00	1
Field Temperature	12.1				Degrees C			01/16/25 14:00	1
Oxidation Reduction Potential	-22.2				millivolts			01/16/25 14:00	1
Oxygen, Dissolved	0.11				mg/L			01/16/25 14:00	1
Specific Conductance	1162				umhos/cm			01/16/25 14:00	1
Turbidity	112.24				NTU			01/16/25 14:00	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 35

Lab Sample ID: 500-262718-26

Date Collected: 01/16/25 11:15

Matrix: Water

Date Received: 01/17/25 12:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.026		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 12:31	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		01/21/25 16:16	01/22/25 15:18	1
Arsenic	0.00071	J	0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 15:18	1
Barium	0.058		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 15:18	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 15:18	1
Boron	13	B	0.50	0.13	mg/L		01/21/25 16:16	01/27/25 16:47	10
Cadmium	0.00041	J	0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 15:18	1
Calcium	380		2.0	0.44	mg/L		01/21/25 16:16	01/24/25 14:05	10
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 15:18	1
Cobalt	0.0012		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 15:18	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 15:18	1
Magnesium	46		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 15:18	1
Molybdenum	0.055		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 15:18	1
Potassium	12		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 15:18	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 15:18	1
Sodium	28		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 15:18	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 15:18	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		01/23/25 14:20	01/24/25 10:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	15		1.0	0.42	mg/L			01/22/25 18:57	1
Sulfate (EPA 300.0)	920		50	23	mg/L			01/25/25 21:50	50
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	300	B	5.0	3.7	mg/L			01/20/25 16:59	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/20/25 16:59	1
Total Dissolved Solids (SM 2540C)	1600		10	4.3	mg/L			01/20/25 04:15	1
Fluoride (SM 4500 F C)	0.17		0.10	0.056	mg/L			01/21/25 16:04	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	9.46				ft			01/16/25 11:15	1
Field pH	6.97				SU			01/16/25 11:15	1
Field Temperature	12.4				Degrees C			01/16/25 11:15	1
Oxidation Reduction Potential	86.5				millivolts			01/16/25 11:15	1
Oxygen, Dissolved	1.10				mg/L			01/16/25 11:15	1
Specific Conductance	2937				umhos/cm			01/16/25 11:15	1
Turbidity	12.06				NTU			01/16/25 11:15	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 35_FD

Lab Sample ID: 500-262718-27

Date Collected: 01/16/25 11:20

Matrix: Water

Date Received: 01/17/25 12:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.023		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 12:36	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		01/21/25 16:16	01/22/25 15:26	1
Arsenic	0.00062	J	0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 15:26	1
Barium	0.056		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 15:26	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 15:26	1
Boron	13	B	0.50	0.13	mg/L		01/21/25 16:16	01/27/25 16:51	10
Cadmium	0.00039	J	0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 15:26	1
Calcium	380		2.0	0.44	mg/L		01/21/25 16:16	01/24/25 14:08	10
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 15:26	1
Cobalt	0.0011		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 15:26	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 15:26	1
Magnesium	45		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 15:26	1
Molybdenum	0.054		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 15:26	1
Potassium	12		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 15:26	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 15:26	1
Sodium	26		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 15:26	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 15:26	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		01/23/25 14:20	01/24/25 10:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	16		1.0	0.42	mg/L			01/22/25 19:28	1
Sulfate (EPA 300.0)	900		50	23	mg/L			01/25/25 22:05	50
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	280	B	5.0	3.7	mg/L			01/20/25 17:08	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/20/25 17:08	1
Total Dissolved Solids (SM 2540C)	1600		10	4.3	mg/L			01/20/25 04:20	1
Fluoride (SM 4500 F C)	0.16		0.10	0.056	mg/L			01/21/25 16:09	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	9.46				ft			01/16/25 11:20	1
Field pH	6.97				SU			01/16/25 11:20	1
Field Temperature	12.4				Degrees C			01/16/25 11:20	1
Oxidation Reduction Potential	86.5				millivolts			01/16/25 11:20	1
Oxygen, Dissolved	1.10				mg/L			01/16/25 11:20	1
Specific Conductance	2937				umhos/cm			01/16/25 11:20	1
Turbidity	12.06				NTU			01/16/25 11:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 50

Lab Sample ID: 500-262718-31

Date Collected: 01/16/25 15:20

Matrix: Water

Date Received: 01/17/25 12:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.032		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 12:54	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		01/21/25 16:16	01/22/25 15:38	1
Arsenic	0.00065	J	0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 15:38	1
Barium	0.074		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 15:38	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 15:38	1
Boron	1.8	B	0.050	0.013	mg/L		01/21/25 16:16	01/27/25 17:02	1
Cadmium	0.0018		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 15:38	1
Calcium	110		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 14:16	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 15:38	1
Cobalt	0.0046		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 15:38	1
Lead	0.00029	J	0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 15:38	1
Magnesium	23		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 15:38	1
Molybdenum	0.053		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 15:38	1
Potassium	8.5		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 15:38	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 15:38	1
Sodium	57		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 15:38	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 15:38	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		01/23/25 14:20	01/24/25 10:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	88		1.0	0.42	mg/L			01/31/25 12:04	1
Sulfate (EPA 300.0)	130		1.0	0.47	mg/L			01/31/25 12:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	250	B	5.0	3.7	mg/L			01/20/25 17:48	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/20/25 17:48	1
Total Dissolved Solids (SM 2540C)	630		10	4.3	mg/L			01/21/25 00:30	1
Fluoride (SM 4500 F C)	0.15		0.10	0.056	mg/L			01/21/25 16:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	19.40				ft			01/16/25 15:20	1
Field pH	7.62				SU			01/16/25 15:20	1
Field Temperature	15.1				Degrees C			01/16/25 15:20	1
Oxidation Reduction Potential	38.0				millivolts			01/16/25 15:20	1
Oxygen, Dissolved	0.23				mg/L			01/16/25 15:20	1
Specific Conductance	1042				umhos/cm			01/16/25 15:20	1
Turbidity	8.84				NTU			01/16/25 15:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 51

Lab Sample ID: 500-262718-32

Date Collected: 01/16/25 09:55

Matrix: Water

Date Received: 01/17/25 12:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.025		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 12:58	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		01/21/25 16:16	01/22/25 15:41	1
Arsenic	0.019		0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 15:41	1
Barium	0.11		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 15:41	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 15:41	1
Boron	1.4	B	0.050	0.013	mg/L		01/21/25 16:16	01/27/25 17:06	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 15:41	1
Calcium	120		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 14:18	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 15:41	1
Cobalt	0.00049	J	0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 15:41	1
Lead	0.00049	J	0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 15:41	1
Magnesium	37		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 15:41	1
Molybdenum	0.0080		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 15:41	1
Potassium	6.6		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 15:41	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 15:41	1
Sodium	58		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 15:41	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 15:41	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		01/27/25 13:20	01/28/25 09:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		1.0	0.42	mg/L			01/31/25 12:19	1
Sulfate (EPA 300.0)	95		1.0	0.47	mg/L			01/31/25 12:19	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	360	B	5.0	3.7	mg/L			01/20/25 17:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/20/25 17:58	1
Total Dissolved Solids (SM 2540C)	670		10	4.3	mg/L			01/21/25 00:33	1
Fluoride (SM 4500 F C)	0.14		0.10	0.056	mg/L			01/21/25 16:31	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	20.00				ft			01/16/25 09:55	1
Field pH	7.50				SU			01/16/25 09:55	1
Field Temperature	10.4				Degrees C			01/16/25 09:55	1
Oxidation Reduction Potential	-156.5				millivolts			01/16/25 09:55	1
Oxygen, Dissolved	1.00				mg/L			01/16/25 09:55	1
Specific Conductance	2153				umhos/cm			01/16/25 09:55	1
Turbidity	12.99				NTU			01/16/25 09:55	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 23

Lab Sample ID: 500-262718-37

Date Collected: 01/17/25 10:45

Matrix: Water

Date Received: 01/17/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0065		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 13:21	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		01/21/25 16:22	01/22/25 16:21	1
Arsenic	0.00058	J	0.0010	0.00023	mg/L		01/21/25 16:22	01/22/25 16:21	1
Barium	0.037		0.0025	0.00073	mg/L		01/21/25 16:22	01/22/25 16:21	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:22	01/22/25 16:21	1
Boron	9.9	B	0.50	0.13	mg/L		01/21/25 16:22	01/24/25 12:52	10
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:22	01/22/25 16:21	1
Calcium	110		2.0	0.44	mg/L		01/21/25 16:22	01/24/25 12:52	10
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:22	01/22/25 16:21	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:22	01/22/25 16:21	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:22	01/22/25 16:21	1
Magnesium	72		0.20	0.049	mg/L		01/21/25 16:22	01/22/25 16:21	1
Molybdenum	0.015		0.0050	0.0025	mg/L		01/21/25 16:22	01/22/25 16:21	1
Potassium	2.9		0.50	0.11	mg/L		01/21/25 16:22	01/22/25 16:21	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:22	01/22/25 16:21	1
Sodium	46		0.20	0.077	mg/L		01/21/25 16:22	01/22/25 16:21	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:22	01/22/25 16:21	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		01/27/25 13:20	01/28/25 10:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	66		1.0	0.42	mg/L			01/23/25 01:35	1
Sulfate (EPA 300.0)	420		20	9.4	mg/L			01/25/25 23:06	20
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	180		5.0	3.7	mg/L			01/24/25 12:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/24/25 12:45	1
Total Dissolved Solids (SM 2540C)	910		10	4.3	mg/L			01/21/25 00:46	1
Fluoride (SM 4500 F C)	0.17		0.10	0.056	mg/L			01/21/25 17:04	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	19.36				ft			01/17/25 10:45	1
Field pH	7.47				SU			01/17/25 10:45	1
Field Temperature	12.9				Degrees C			01/17/25 10:45	1
Oxidation Reduction Potential	123.2				millivolts			01/17/25 10:45	1
Oxygen, Dissolved	0.11				mg/L			01/17/25 10:45	1
Specific Conductance	1233				umhos/cm			01/17/25 10:45	1
Turbidity	3.13				NTU			01/17/25 10:45	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 49

Lab Sample ID: 500-262718-38

Date Collected: 01/17/25 10:00

Matrix: Water

Date Received: 01/17/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.027		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 12:04	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		01/21/25 16:22	01/22/25 15:53	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:22	01/22/25 15:53	1
Barium	0.061		0.0025	0.00073	mg/L		01/21/25 16:22	01/22/25 15:53	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:22	01/22/25 15:53	1
Boron	0.63	B	0.050	0.013	mg/L		01/21/25 16:22	01/23/25 17:04	1
Cadmium	0.0013		0.00050	0.00017	mg/L		01/21/25 16:22	01/22/25 15:53	1
Calcium	100		0.20	0.044	mg/L		01/21/25 16:22	01/23/25 17:04	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:22	01/22/25 15:53	1
Cobalt	0.0024		0.0010	0.00040	mg/L		01/21/25 16:22	01/22/25 15:53	1
Lead	0.00019	J	0.00050	0.00019	mg/L		01/21/25 16:22	01/22/25 15:53	1
Magnesium	34		0.20	0.049	mg/L		01/21/25 16:22	01/22/25 15:53	1
Molybdenum	0.022		0.0050	0.0025	mg/L		01/21/25 16:22	01/22/25 15:53	1
Potassium	12		0.50	0.11	mg/L		01/21/25 16:22	01/22/25 15:53	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:22	01/22/25 15:53	1
Sodium	62		0.20	0.077	mg/L		01/21/25 16:22	01/22/25 15:53	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:22	01/22/25 15:53	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		01/27/25 13:20	01/28/25 10:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		1.0	0.42	mg/L			01/23/25 02:06	1
Sulfate (EPA 300.0)	81		1.0	0.47	mg/L			01/23/25 02:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	330		5.0	3.7	mg/L			01/24/25 12:54	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/24/25 12:54	1
Total Dissolved Solids (SM 2540C)	650		10	4.3	mg/L			01/21/25 00:48	1
Fluoride (SM 4500 F C)	0.16		0.10	0.056	mg/L			01/21/25 17:08	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	22.10				ft			01/17/25 10:00	1
Field pH	7.06				SU			01/17/25 10:00	1
Field Temperature	14.1				Degrees C			01/17/25 10:00	1
Oxidation Reduction Potential	142.9				millivolts			01/17/25 10:00	1
Oxygen, Dissolved	0.14				mg/L			01/17/25 10:00	1
Specific Conductance	1185				umhos/cm			01/17/25 10:00	1
Turbidity	7.98				NTU			01/17/25 10:00	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
JEN_845_804
SDG: HEN_845_804

Client Sample ID: YSG_ILRIVER (SG02)

Lab Sample ID: 500-262718-49

Date Collected: 01/13/25 10:15

Matrix: Water

Date Received: 01/15/25 12:16

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	27.55				ft			01/13/25 10:15	1

Definitions/Glossary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500262718-11
SDG: HEN_845_804

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.
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
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.
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.
☼	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-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Metals

Prep Batch: 803096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total Recoverable	Water	3005A	
MB 500-803096/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-803096/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 803443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total Recoverable	Water	6020B	803096
MB 500-803096/1-A	Method Blank	Total Recoverable	Water	6020B	803096
LCS 500-803096/2-A	Lab Control Sample	Total Recoverable	Water	6020B	803096

Prep Batch: 803709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total Recoverable	Water	200.7	
500-262718-14	22	Total Recoverable	Water	200.7	
500-262718-15	22&D	Total Recoverable	Water	200.7	
500-262718-16	32	Total Recoverable	Water	200.7	
500-262718-17	34	Total Recoverable	Water	200.7	
500-262718-25	21R	Total Recoverable	Water	200.7	
MB 500-803709/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 500-803709/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
500-262718-25 MS	21R	Total Recoverable	Water	200.7	
500-262718-25 MSD	21R	Total Recoverable	Water	200.7	
500-262718-25 DU	21R	Total Recoverable	Water	200.7	

Prep Batch: 803710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-26	35	Total Recoverable	Water	200.7	
500-262718-27	35_FD	Total Recoverable	Water	200.7	
500-262718-31	50	Total Recoverable	Water	200.7	
500-262718-32	51	Total Recoverable	Water	200.7	
500-262718-37	23	Total Recoverable	Water	200.7	
500-262718-38	49	Total Recoverable	Water	200.7	
MB 500-803710/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 500-803710/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
500-262718-38 MS	49	Total Recoverable	Water	200.7	
500-262718-38 MSD	49	Total Recoverable	Water	200.7	
500-262718-38 DU	49	Total Recoverable	Water	200.7	

Prep Batch: 803713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-14	22	Total Recoverable	Water	3005A	
500-262718-15	22&D	Total Recoverable	Water	3005A	
500-262718-16	32	Total Recoverable	Water	3005A	
500-262718-17	34	Total Recoverable	Water	3005A	
500-262718-25	21R	Total Recoverable	Water	3005A	
500-262718-26	35	Total Recoverable	Water	3005A	
500-262718-27	35_FD	Total Recoverable	Water	3005A	
500-262718-31	50	Total Recoverable	Water	3005A	
500-262718-32	51	Total Recoverable	Water	3005A	
MB 500-803713/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-803713/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

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QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-11
SDG: HEN_845_804

Metals (Continued)

Prep Batch: 803713 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-25 MS	21R	Total Recoverable	Water	3005A	
500-262718-25 MSD	21R	Total Recoverable	Water	3005A	
500-262718-25 DU	21R	Total Recoverable	Water	3005A	

Prep Batch: 803714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-37	23	Total Recoverable	Water	3005A	
500-262718-38	49	Total Recoverable	Water	3005A	
MB 500-803714/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-803714/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-262718-38 MS	49	Total Recoverable	Water	3005A	
500-262718-38 MSD	49	Total Recoverable	Water	3005A	
500-262718-38 DU	49	Total Recoverable	Water	3005A	

Prep Batch: 803802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total/NA	Water	7470A	
500-262718-14	22	Total/NA	Water	7470A	
500-262718-15	22&D	Total/NA	Water	7470A	
500-262718-16	32	Total/NA	Water	7470A	
500-262718-17	34	Total/NA	Water	7470A	
MB 500-803802/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-803802/13-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 500-803802/33-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 803900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-14	22	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-15	22&D	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-16	32	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-17	34	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-25	21R	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-26	35	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-27	35_FD	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-31	50	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-32	51	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-37	23	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-38	49	Total Recoverable	Water	200.7 Rev 4.4	803710
MB 500-803709/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	803709
MB 500-803710/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	803710
LCS 500-803709/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	803709
LCS 500-803710/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-25 MS	21R	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-25 MSD	21R	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-38 MS	49	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-38 MSD	49	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-25 DU	21R	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-38 DU	49	Total Recoverable	Water	200.7 Rev 4.4	803710

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Job ID: 500-262718-11
SDG: HEN_845_804

Metals

Analysis Batch: 803914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-14	22	Total Recoverable	Water	6020B	803713
500-262718-15	22&D	Total Recoverable	Water	6020B	803713
500-262718-16	32	Total Recoverable	Water	6020B	803713
500-262718-17	34	Total Recoverable	Water	6020B	803713
500-262718-25	21R	Total Recoverable	Water	6020B	803713
500-262718-26	35	Total Recoverable	Water	6020B	803713
500-262718-27	35_FD	Total Recoverable	Water	6020B	803713
500-262718-31	50	Total Recoverable	Water	6020B	803713
500-262718-32	51	Total Recoverable	Water	6020B	803713
500-262718-37	23	Total Recoverable	Water	6020B	803714
500-262718-38	49	Total Recoverable	Water	6020B	803714
MB 500-803713/1-A	Method Blank	Total Recoverable	Water	6020B	803713
MB 500-803714/1-A	Method Blank	Total Recoverable	Water	6020B	803714
LCS 500-803713/2-A	Lab Control Sample	Total Recoverable	Water	6020B	803713
LCS 500-803714/2-A	Lab Control Sample	Total Recoverable	Water	6020B	803714
500-262718-25 MS	21R	Total Recoverable	Water	6020B	803713
500-262718-25 MSD	21R	Total Recoverable	Water	6020B	803713
500-262718-38 MS	49	Total Recoverable	Water	6020B	803714
500-262718-38 MSD	49	Total Recoverable	Water	6020B	803714
500-262718-25 DU	21R	Total Recoverable	Water	6020B	803713
500-262718-38 DU	49	Total Recoverable	Water	6020B	803714

Analysis Batch: 803959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total/NA	Water	7470A	803802
500-262718-14	22	Total/NA	Water	7470A	803802
500-262718-15	22&D	Total/NA	Water	7470A	803802
500-262718-16	32	Total/NA	Water	7470A	803802
500-262718-17	34	Total/NA	Water	7470A	803802
MB 500-803802/12-A	Method Blank	Total/NA	Water	7470A	803802
LCS 500-803802/13-A	Lab Control Sample	Total/NA	Water	7470A	803802
LCSD 500-803802/33-A	Lab Control Sample Dup	Total/NA	Water	7470A	803802

Prep Batch: 803981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-25	21R	Total/NA	Water	7470A	
500-262718-26	35	Total/NA	Water	7470A	
500-262718-27	35_FD	Total/NA	Water	7470A	
500-262718-31	50	Total/NA	Water	7470A	
MB 500-803981/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-803981/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-262718-25 MS	21R	Total/NA	Water	7470A	
500-262718-25 MSD	21R	Total/NA	Water	7470A	
500-262718-25 DU	21R	Total/NA	Water	7470A	

Analysis Batch: 804054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-38	49	Total Recoverable	Water	6020B	803714
MB 500-803714/1-A	Method Blank	Total Recoverable	Water	6020B	803714
LCS 500-803714/2-A	Lab Control Sample	Total Recoverable	Water	6020B	803714
500-262718-38 MS	49	Total Recoverable	Water	6020B	803714

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QC Association Summary

845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

ATTACHMENT B.
Job ID: 500-262718-11
SDG: HEN_845_804

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Metals (Continued)

Analysis Batch: 804054 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-38 MSD	49	Total Recoverable	Water	6020B	803714
500-262718-38 DU	49	Total Recoverable	Water	6020B	803714

Analysis Batch: 804111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-25	21R	Total/NA	Water	7470A	803981
500-262718-26	35	Total/NA	Water	7470A	803981
500-262718-27	35_FD	Total/NA	Water	7470A	803981
500-262718-31	50	Total/NA	Water	7470A	803981
MB 500-803981/12-A	Method Blank	Total/NA	Water	7470A	803981
LCS 500-803981/13-A	Lab Control Sample	Total/NA	Water	7470A	803981
500-262718-25 MS	21R	Total/NA	Water	7470A	803981
500-262718-25 MSD	21R	Total/NA	Water	7470A	803981
500-262718-25 DU	21R	Total/NA	Water	7470A	803981

Analysis Batch: 804146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-14	22	Total Recoverable	Water	6020B	803713
500-262718-15	22&D	Total Recoverable	Water	6020B	803713
500-262718-16	32	Total Recoverable	Water	6020B	803713
500-262718-17	34	Total Recoverable	Water	6020B	803713
500-262718-25	21R	Total Recoverable	Water	6020B	803713
500-262718-26	35	Total Recoverable	Water	6020B	803713
500-262718-27	35_FD	Total Recoverable	Water	6020B	803713
500-262718-31	50	Total Recoverable	Water	6020B	803713
500-262718-32	51	Total Recoverable	Water	6020B	803713
MB 500-803713/1-A	Method Blank	Total Recoverable	Water	6020B	803713
LCS 500-803713/2-A	Lab Control Sample	Total Recoverable	Water	6020B	803713
500-262718-25 MS	21R	Total Recoverable	Water	6020B	803713
500-262718-25 MSD	21R	Total Recoverable	Water	6020B	803713
500-262718-25 DU	21R	Total Recoverable	Water	6020B	803713

Analysis Batch: 804283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-37	23	Total Recoverable	Water	6020B	803714

Prep Batch: 804303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-32	51	Total/NA	Water	7470A	
500-262718-37	23	Total/NA	Water	7470A	
500-262718-38	49	Total/NA	Water	7470A	
MB 500-804303/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-804303/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-262718-38 MS	49	Total/NA	Water	7470A	
500-262718-38 MSD	49	Total/NA	Water	7470A	
500-262718-38 DU	49	Total/NA	Water	7470A	

Analysis Batch: 804385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-15	22&D	Total Recoverable	Water	6020B	803713
500-262718-16	32	Total Recoverable	Water	6020B	803713

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Job ID: 500-262718-11
SDG: HEN_845_804

ATTACHMENT B.

Metals (Continued)

Analysis Batch: 804385 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-17	34	Total Recoverable	Water	6020B	803713
500-262718-26	35	Total Recoverable	Water	6020B	803713
500-262718-27	35_FD	Total Recoverable	Water	6020B	803713
500-262718-31	50	Total Recoverable	Water	6020B	803713
500-262718-32	51	Total Recoverable	Water	6020B	803713

Analysis Batch: 804448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-32	51	Total/NA	Water	7470A	804303
500-262718-37	23	Total/NA	Water	7470A	804303
500-262718-38	49	Total/NA	Water	7470A	804303
MB 500-804303/12-A	Method Blank	Total/NA	Water	7470A	804303
LCS 500-804303/13-A	Lab Control Sample	Total/NA	Water	7470A	804303
500-262718-38 MS	49	Total/NA	Water	7470A	804303
500-262718-38 MSD	49	Total/NA	Water	7470A	804303
500-262718-38 DU	49	Total/NA	Water	7470A	804303

General Chemistry

Analysis Batch: 803044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total/NA	Water	SM 2540C	
MB 500-803044/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-803044/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 803167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total/NA	Water	SM 2320B	
MB 500-803167/26	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-803167/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 803200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total/NA	Water	SM 4500 F C	
MB 500-803200/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-803200/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 803390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-14	22	Total/NA	Water	SM 2540C	
500-262718-15	22&D	Total/NA	Water	SM 2540C	
500-262718-16	32	Total/NA	Water	SM 2540C	
500-262718-17	34	Total/NA	Water	SM 2540C	
500-262718-25	21R	Total/NA	Water	SM 2540C	
500-262718-26	35	Total/NA	Water	SM 2540C	
500-262718-27	35_FD	Total/NA	Water	SM 2540C	
MB 500-803390/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-803390/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-262718-25 MS	21R	Total/NA	Water	SM 2540C	
500-262718-25 MSD	21R	Total/NA	Water	SM 2540C	
500-262718-26 DU	35	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

General Chemistry

Analysis Batch: 803462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-14	22	Total/NA	Water	SM 2320B	
500-262718-15	22&D	Total/NA	Water	SM 2320B	
500-262718-16	32	Total/NA	Water	SM 2320B	
500-262718-17	34	Total/NA	Water	SM 2320B	
MB 500-803462/28	Method Blank	Total/NA	Water	SM 2320B	
MB 500-803462/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-803462/29	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 500-803462/5	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 803560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-31	50	Total/NA	Water	SM 2540C	
500-262718-32	51	Total/NA	Water	SM 2540C	
500-262718-37	23	Total/NA	Water	SM 2540C	
500-262718-38	49	Total/NA	Water	SM 2540C	
MB 500-803560/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-803560/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-262718-38 MS	49	Total/NA	Water	SM 2540C	
500-262718-38 MSD	49	Total/NA	Water	SM 2540C	

Analysis Batch: 803603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-25	21R	Total/NA	Water	SM 2320B	
500-262718-26	35	Total/NA	Water	SM 2320B	
500-262718-27	35_FD	Total/NA	Water	SM 2320B	
500-262718-31	50	Total/NA	Water	SM 2320B	
500-262718-32	51	Total/NA	Water	SM 2320B	
MB 500-803603/28	Method Blank	Total/NA	Water	SM 2320B	
MB 500-803603/53	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-803603/29	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 500-803603/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 803715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-14	22	Total/NA	Water	SM 4500 F C	
500-262718-15	22&D	Total/NA	Water	SM 4500 F C	
500-262718-16	32	Total/NA	Water	SM 4500 F C	
500-262718-17	34	Total/NA	Water	SM 4500 F C	
500-262718-25	21R	Total/NA	Water	SM 4500 F C	
500-262718-26	35	Total/NA	Water	SM 4500 F C	
500-262718-27	35_FD	Total/NA	Water	SM 4500 F C	
500-262718-31	50	Total/NA	Water	SM 4500 F C	
500-262718-32	51	Total/NA	Water	SM 4500 F C	
500-262718-37	23	Total/NA	Water	SM 4500 F C	
500-262718-38	49	Total/NA	Water	SM 4500 F C	
MB 500-803715/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-803715/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-803715/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-803715/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-262718-25 MS	21R	Total/NA	Water	SM 4500 F C	
500-262718-25 MSD	21R	Total/NA	Water	SM 4500 F C	

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

General Chemistry (Continued)

Analysis Batch: 803715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-38 MS	49	Total/NA	Water	SM 4500 F C	
500-262718-38 MSD	49	Total/NA	Water	SM 4500 F C	

Filtration Batch: 803786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-803786/1-A	Method Blank	Total/NA	Water	FILTRATION	
LCS 500-803786/2-A	Lab Control Sample	Total/NA	Water	FILTRATION	

Analysis Batch: 803788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-25	21R	Total/NA	Water	300.0	
500-262718-26	35	Total/NA	Water	300.0	
500-262718-27	35_FD	Total/NA	Water	300.0	
MB 500-803786/1-A	Method Blank	Total/NA	Water	300.0	803786
LCS 500-803786/2-A	Lab Control Sample	Total/NA	Water	300.0	803786
500-262718-25 MS	21R	Total/NA	Water	300.0	
500-262718-25 MSD	21R	Total/NA	Water	300.0	

Analysis Batch: 803813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-37	23	Total/NA	Water	300.0	
500-262718-38	49	Total/NA	Water	300.0	
MB 500-803813/3	Method Blank	Total/NA	Water	300.0	
LCS 500-803813/4	Lab Control Sample	Total/NA	Water	300.0	
500-262718-38 MS	49	Total/NA	Water	300.0	
500-262718-38 MSD	49	Total/NA	Water	300.0	

Analysis Batch: 804131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-26	35	Total/NA	Water	300.0	
500-262718-27	35_FD	Total/NA	Water	300.0	
500-262718-37	23	Total/NA	Water	300.0	
MB 500-804131/3	Method Blank	Total/NA	Water	300.0	
LCS 500-804131/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 804231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-37	23	Total/NA	Water	SM 2320B	
500-262718-38	49	Total/NA	Water	SM 2320B	
MB 500-804231/26	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-804231/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 804847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total/NA	Water	300.0	
500-262718-14	22	Total/NA	Water	300.0	
500-262718-15	22&D	Total/NA	Water	300.0	
500-262718-16	32	Total/NA	Water	300.0	
500-262718-17	34	Total/NA	Water	300.0	
500-262718-31	50	Total/NA	Water	300.0	
500-262718-32	51	Total/NA	Water	300.0	

Eurofins Chicago

QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
JEN 845_804
SDG: HEN_845_804

General Chemistry (Continued)

Analysis Batch: 804847 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-804847/3	Method Blank	Total/NA	Water	300.0	
LCS 500-804847/4	Lab Control Sample	Total/NA	Water	300.0	

Field Service / Mobile Lab

Analysis Batch: 804313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-7	27	Total/NA	Water	Field Sampling	
500-262718-14	22	Total/NA	Water	Field Sampling	
500-262718-15	22&D	Total/NA	Water	Field Sampling	
500-262718-16	32	Total/NA	Water	Field Sampling	
500-262718-17	34	Total/NA	Water	Field Sampling	
500-262718-25	21R	Total/NA	Water	Field Sampling	
500-262718-26	35	Total/NA	Water	Field Sampling	
500-262718-27	35_FD	Total/NA	Water	Field Sampling	
500-262718-31	50	Total/NA	Water	Field Sampling	
500-262718-32	51	Total/NA	Water	Field Sampling	
500-262718-37	23	Total/NA	Water	Field Sampling	
500-262718-38	49	Total/NA	Water	Field Sampling	
500-262718-49	YSG_ILRIVER (SG02)	Total/NA	Water	Field Sampling	

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 500-803709/1-A
Matrix: Water
Analysis Batch: 803900

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 803709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 19:10	1

Lab Sample ID: LCS 500-803709/2-A
Matrix: Water
Analysis Batch: 803900

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 803709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.250	0.243		mg/L		97	85 - 115

Lab Sample ID: 500-262718-25 MS
Matrix: Water
Analysis Batch: 803900

Client Sample ID: 21R
Prep Type: Total Recoverable
Prep Batch: 803709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.023		0.250	0.276		mg/L		101	70 - 130

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 803900

Client Sample ID: 21R
Prep Type: Total Recoverable
Prep Batch: 803709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.023		0.250	0.282		mg/L		103	70 - 130	2	20

Lab Sample ID: 500-262718-25 DU
Matrix: Water
Analysis Batch: 803900

Client Sample ID: 21R
Prep Type: Total Recoverable
Prep Batch: 803709

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.023			0.0239		mg/L				2	20

Lab Sample ID: MB 500-803710/1-A
Matrix: Water
Analysis Batch: 803900

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 803710

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 11:56	1

Lab Sample ID: LCS 500-803710/2-A
Matrix: Water
Analysis Batch: 803900

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 803710

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.250	0.263		mg/L		105	85 - 115

Lab Sample ID: 500-262718-38 MS
Matrix: Water
Analysis Batch: 803900

Client Sample ID: 49
Prep Type: Total Recoverable
Prep Batch: 803710

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.027		0.250	0.296		mg/L		108	70 - 130

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: 500-262718-38 MSD
Matrix: Water
Analysis Batch: 803900

Client Sample ID: 49
Prep Type: Total Recoverable
Prep Batch: 803710

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.027		0.250	0.288		mg/L		105	70 - 130	3	20

Lab Sample ID: 500-262718-38 DU
Matrix: Water
Analysis Batch: 803900

Client Sample ID: 49
Prep Type: Total Recoverable
Prep Batch: 803710

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lithium	0.027		0.0272		mg/L		2	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-803096/1-A
Matrix: Water
Analysis Batch: 803443

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 803096

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		01/16/25 08:24	01/17/25 13:59	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/16/25 08:24	01/17/25 13:59	1
Barium	<0.0025		0.0025	0.00073	mg/L		01/16/25 08:24	01/17/25 13:59	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/16/25 08:24	01/17/25 13:59	1
Boron	0.0339 J		0.050	0.013	mg/L		01/16/25 08:24	01/17/25 13:59	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/16/25 08:24	01/17/25 13:59	1
Calcium	<0.20		0.20	0.044	mg/L		01/16/25 08:24	01/17/25 13:59	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/16/25 08:24	01/17/25 13:59	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/16/25 08:24	01/17/25 13:59	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/16/25 08:24	01/17/25 13:59	1
Magnesium	<0.20		0.20	0.049	mg/L		01/16/25 08:24	01/17/25 13:59	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		01/16/25 08:24	01/17/25 13:59	1
Potassium	<0.50		0.50	0.11	mg/L		01/16/25 08:24	01/17/25 13:59	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/16/25 08:24	01/17/25 13:59	1
Sodium	<0.20		0.20	0.077	mg/L		01/16/25 08:24	01/17/25 13:59	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/16/25 08:24	01/17/25 13:59	1

Lab Sample ID: LCS 500-803096/2-A
Matrix: Water
Analysis Batch: 803443

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 803096

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.514		mg/L		103	80 - 120
Arsenic	0.100	0.0957		mg/L		96	80 - 120
Barium	0.500	0.486		mg/L		97	80 - 120
Beryllium	0.0500	0.0519		mg/L		104	80 - 120
Boron	1.00	1.01		mg/L		101	80 - 120
Cadmium	0.0500	0.0513		mg/L		103	80 - 120
Calcium	10.0	8.04		mg/L		80	80 - 120
Chromium	0.200	0.205		mg/L		103	80 - 120
Cobalt	0.500	0.508		mg/L		102	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Magnesium	10.0	10.4		mg/L		104	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
Job ID: 500-262718-11
SDG: HEN_845_804

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

Lab Sample ID: LCS 500-803096/2-A
Matrix: Water
Analysis Batch: 803443

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 803096

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Molybdenum	1.00	0.990		mg/L		99	80 - 120
Potassium	10.0	10.4		mg/L		104	80 - 120
Selenium	0.100	0.0995		mg/L		100	80 - 120
Sodium	10.0	10.3		mg/L		103	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: MB 500-803713/1-A
Matrix: Water
Analysis Batch: 803914

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		01/21/25 16:16	01/22/25 14:18	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 14:18	1
Barium	<0.0025		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 14:18	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 14:18	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 14:18	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 14:18	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 14:18	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 14:18	1
Magnesium	<0.20		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 14:18	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 14:18	1
Potassium	<0.50		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 14:18	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 14:18	1
Sodium	<0.20		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 14:18	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 14:18	1

Lab Sample ID: MB 500-803713/1-A
Matrix: Water
Analysis Batch: 804146

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0213	J	0.050	0.013	mg/L		01/21/25 16:16	01/24/25 13:11	1
Calcium	<0.20		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 13:11	1

Lab Sample ID: LCS 500-803713/2-A
Matrix: Water
Analysis Batch: 803914

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.512		mg/L		102	80 - 120
Arsenic	0.100	0.0919		mg/L		92	80 - 120
Barium	0.500	0.481		mg/L		96	80 - 120
Beryllium	0.0500	0.0502		mg/L		100	80 - 120
Cadmium	0.0500	0.0502		mg/L		100	80 - 120
Chromium	0.200	0.189		mg/L		95	80 - 120
Cobalt	0.500	0.484		mg/L		97	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Magnesium	10.0	9.90		mg/L		99	80 - 120
Molybdenum	1.00	0.958		mg/L		96	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
HEN-25Q1
SDG: HEN_845_804

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

Lab Sample ID: LCS 500-803713/2-A
Matrix: Water
Analysis Batch: 803914

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	10.0	9.97		mg/L		100	80 - 120
Selenium	0.100	0.0949		mg/L		95	80 - 120
Sodium	10.0	9.80		mg/L		98	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: LCS 500-803713/2-A
Matrix: Water
Analysis Batch: 804146

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.01		mg/L		101	80 - 120
Calcium	10.0	9.21		mg/L		92	80 - 120

Lab Sample ID: 500-262718-25 MS
Matrix: Water
Analysis Batch: 803914

Client Sample ID: 21R
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.529		mg/L		106	75 - 125
Arsenic	0.021		0.100	0.116		mg/L		95	75 - 125
Barium	0.28		0.500	0.802		mg/L		104	75 - 125
Beryllium	<0.0010		0.0500	0.0506		mg/L		101	75 - 125
Cadmium	<0.00050		0.0500	0.0501		mg/L		100	75 - 125
Chromium	<0.0050		0.200	0.191		mg/L		96	75 - 125
Cobalt	<0.0010		0.500	0.480		mg/L		96	75 - 125
Lead	<0.00050		0.100	0.103		mg/L		103	75 - 125
Magnesium	39		10.0	49.1		mg/L		104	75 - 125
Molybdenum	0.0085		1.00	1.01		mg/L		100	75 - 125
Potassium	2.7		10.0	12.8		mg/L		102	75 - 125
Selenium	<0.0025		0.100	0.0980		mg/L		98	75 - 125
Sodium	54		10.0	64.8	4	mg/L		105	75 - 125
Thallium	<0.0020		0.100	0.103		mg/L		103	75 - 125

Lab Sample ID: 500-262718-25 MS
Matrix: Water
Analysis Batch: 804146

Client Sample ID: 21R
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	2.0	B	1.00	2.91		mg/L		87	75 - 125
Calcium	120		10.0	131	4	mg/L		63	75 - 125

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 803914

Client Sample ID: 21R
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.520		mg/L		104	75 - 125	2	20
Arsenic	0.021		0.100	0.113		mg/L		92	75 - 125	2	20
Barium	0.28		0.500	0.779		mg/L		99	75 - 125	3	20
Beryllium	<0.0010		0.0500	0.0506		mg/L		101	75 - 125	0	20

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
JEN-845-004
SDG: HEN_845_804

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

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 803914

Client Sample ID: 21R
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	<0.00050		0.0500	0.0476		mg/L		95	75 - 125	5	20
Chromium	<0.0050		0.200	0.187		mg/L		94	75 - 125	2	20
Cobalt	<0.0010		0.500	0.471		mg/L		94	75 - 125	2	20
Lead	<0.00050		0.100	0.101		mg/L		101	75 - 125	2	20
Magnesium	39		10.0	48.6		mg/L		99	75 - 125	1	20
Molybdenum	0.0085		1.00	0.991		mg/L		98	75 - 125	2	20
Potassium	2.7		10.0	12.6		mg/L		99	75 - 125	2	20
Selenium	<0.0025		0.100	0.0948		mg/L		95	75 - 125	3	20
Sodium	54		10.0	64.7	4	mg/L		103	75 - 125	0	20
Thallium	<0.0020		0.100	0.102		mg/L		102	75 - 125	1	20

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 804146

Client Sample ID: 21R
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	2.0	B	1.00	3.05		mg/L		100	75 - 125	4	20
Calcium	120		10.0	134	4	mg/L		95	75 - 125	2	20

Lab Sample ID: 500-262718-25 DU
Matrix: Water
Analysis Batch: 803914

Client Sample ID: 21R
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.021		0.0216		mg/L		3	20
Barium	0.28		0.302		mg/L		7	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Magnesium	39		40.5		mg/L		4	20
Molybdenum	0.0085		0.00844		mg/L		1	20
Potassium	2.7		2.83		mg/L		6	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Sodium	54		56.8		mg/L		4	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-262718-25 DU
Matrix: Water
Analysis Batch: 804146

Client Sample ID: 21R
Prep Type: Total Recoverable
Prep Batch: 803713

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	2.0	B	1.98		mg/L		3	20
Calcium	120		122		mg/L		2	20

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

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

Lab Sample ID: MB 500-803714/1-A
Matrix: Water
Analysis Batch: 803914

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 803714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		01/21/25 16:22	01/22/25 15:48	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:22	01/22/25 15:48	1
Barium	<0.0025		0.0025	0.00073	mg/L		01/21/25 16:22	01/22/25 15:48	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:22	01/22/25 15:48	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:22	01/22/25 15:48	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:22	01/22/25 15:48	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:22	01/22/25 15:48	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:22	01/22/25 15:48	1
Magnesium	<0.20		0.20	0.049	mg/L		01/21/25 16:22	01/22/25 15:48	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		01/21/25 16:22	01/22/25 15:48	1
Potassium	<0.50		0.50	0.11	mg/L		01/21/25 16:22	01/22/25 15:48	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:22	01/22/25 15:48	1
Sodium	<0.20		0.20	0.077	mg/L		01/21/25 16:22	01/22/25 15:48	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:22	01/22/25 15:48	1

Lab Sample ID: MB 500-803714/1-A
Matrix: Water
Analysis Batch: 804054

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 803714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0167	J	0.050	0.013	mg/L		01/21/25 16:22	01/23/25 16:58	1
Calcium	<0.20		0.20	0.044	mg/L		01/21/25 16:22	01/23/25 16:58	1

Lab Sample ID: LCS 500-803714/2-A
Matrix: Water
Analysis Batch: 803914

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 803714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.500		mg/L		100	80 - 120
Arsenic	0.100	0.0881		mg/L		88	80 - 120
Barium	0.500	0.470		mg/L		94	80 - 120
Beryllium	0.0500	0.0503		mg/L		101	80 - 120
Cadmium	0.0500	0.0494		mg/L		99	80 - 120
Chromium	0.200	0.187		mg/L		93	80 - 120
Cobalt	0.500	0.463		mg/L		93	80 - 120
Lead	0.100	0.0998		mg/L		100	80 - 120
Magnesium	10.0	9.89		mg/L		99	80 - 120
Molybdenum	1.00	0.938		mg/L		94	80 - 120
Potassium	10.0	9.80		mg/L		98	80 - 120
Selenium	0.100	0.0972		mg/L		97	80 - 120
Sodium	10.0	9.81		mg/L		98	80 - 120
Thallium	0.100	0.101		mg/L		101	80 - 120

Lab Sample ID: LCS 500-803714/2-A
Matrix: Water
Analysis Batch: 804054

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 803714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.944		mg/L		94	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

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

Lab Sample ID: LCS 500-803714/2-A
Matrix: Water
Analysis Batch: 804054

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 803714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	10.0	8.63		mg/L		86	80 - 120

Lab Sample ID: 500-262718-38 MS
Matrix: Water
Analysis Batch: 803914

Client Sample ID: 49
Prep Type: Total Recoverable
Prep Batch: 803714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.503		mg/L		101	75 - 125
Arsenic	<0.0010		0.100	0.0883		mg/L		88	75 - 125
Barium	0.061		0.500	0.512		mg/L		90	75 - 125
Beryllium	<0.0010		0.0500	0.0494		mg/L		99	75 - 125
Cadmium	0.0013		0.0500	0.0483		mg/L		94	75 - 125
Chromium	<0.0050		0.200	0.182		mg/L		91	75 - 125
Cobalt	0.0024		0.500	0.450		mg/L		89	75 - 125
Lead	0.00019	J	0.100	0.0985		mg/L		98	75 - 125
Magnesium	34		10.0	43.3		mg/L		89	75 - 125
Molybdenum	0.022		1.00	0.966		mg/L		94	75 - 125
Potassium	12		10.0	21.7		mg/L		93	75 - 125
Selenium	<0.0025		0.100	0.0927		mg/L		93	75 - 125
Sodium	62		10.0	71.2	4	mg/L		91	75 - 125
Thallium	<0.0020		0.100	0.100		mg/L		100	75 - 125

Lab Sample ID: 500-262718-38 MS
Matrix: Water
Analysis Batch: 804054

Client Sample ID: 49
Prep Type: Total Recoverable
Prep Batch: 803714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.63	B	1.00	1.49		mg/L		87	75 - 125
Calcium	100		10.0	110	4	mg/L		67	75 - 125

Lab Sample ID: 500-262718-38 MSD
Matrix: Water
Analysis Batch: 803914

Client Sample ID: 49
Prep Type: Total Recoverable
Prep Batch: 803714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.504		mg/L		101	75 - 125	0	20
Arsenic	<0.0010		0.100	0.0892		mg/L		89	75 - 125	1	20
Barium	0.061		0.500	0.523		mg/L		93	75 - 125	2	20
Beryllium	<0.0010		0.0500	0.0499		mg/L		100	75 - 125	1	20
Cadmium	0.0013		0.0500	0.0492		mg/L		96	75 - 125	2	20
Chromium	<0.0050		0.200	0.184		mg/L		92	75 - 125	1	20
Cobalt	0.0024		0.500	0.455		mg/L		91	75 - 125	1	20
Lead	0.00019	J	0.100	0.100		mg/L		100	75 - 125	2	20
Magnesium	34		10.0	43.6		mg/L		92	75 - 125	1	20
Molybdenum	0.022		1.00	0.991		mg/L		97	75 - 125	3	20
Potassium	12		10.0	21.5		mg/L		90	75 - 125	1	20
Selenium	<0.0025		0.100	0.0941		mg/L		94	75 - 125	1	20
Sodium	62		10.0	70.6	4	mg/L		85	75 - 125	1	20
Thallium	<0.0020		0.100	0.103		mg/L		103	75 - 125	2	20

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

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

Lab Sample ID: 500-262718-38 MSD
Matrix: Water
Analysis Batch: 804054

Client Sample ID: 49
Prep Type: Total Recoverable
Prep Batch: 803714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.63	B	1.00	1.60		mg/L		97	75 - 125	7	20
Calcium	100		10.0	116	4	mg/L		126	75 - 125	5	20

Lab Sample ID: 500-262718-38 DU
Matrix: Water
Analysis Batch: 803914

Client Sample ID: 49
Prep Type: Total Recoverable
Prep Batch: 803714

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	0.061		0.0597		mg/L		2	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	0.0013		0.00127		mg/L		0.08	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	0.0024		0.00233		mg/L		3	20
Lead	0.00019	J	0.000191	J	mg/L		3	20
Magnesium	34		34.2		mg/L		0.7	20
Molybdenum	0.022		0.0212		mg/L		3	20
Potassium	12		12.4		mg/L		0.8	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Sodium	62		61.6		mg/L		0.8	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-262718-38 DU
Matrix: Water
Analysis Batch: 804054

Client Sample ID: 49
Prep Type: Total Recoverable
Prep Batch: 803714

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	0.63	B	0.621		mg/L		0.7	20
Calcium	100		104		mg/L		0.6	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-803802/12-A
Matrix: Water
Analysis Batch: 803959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 803802

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		01/22/25 10:35	01/23/25 09:02	1

Lab Sample ID: LCS 500-803802/13-A
Matrix: Water
Analysis Batch: 803959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 803802

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00182		mg/L		91	80 - 120

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 500-803802/33-A
Matrix: Water
Analysis Batch: 803959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 803802

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.00184		mg/L		92	80 - 120	1	20

Lab Sample ID: MB 500-803981/12-A
Matrix: Water
Analysis Batch: 804111

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 803981

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		01/23/25 14:20	01/24/25 09:20	1

Lab Sample ID: LCS 500-803981/13-A
Matrix: Water
Analysis Batch: 804111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 803981

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00211		mg/L		106	80 - 120

Lab Sample ID: 500-262718-25 MS
Matrix: Water
Analysis Batch: 804111

Client Sample ID: 21R
Prep Type: Total/NA
Prep Batch: 803981

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.00104		mg/L		104	75 - 125

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 804111

Client Sample ID: 21R
Prep Type: Total/NA
Prep Batch: 803981

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.00101		mg/L		101	75 - 125	3	20

Lab Sample ID: 500-262718-25 DU
Matrix: Water
Analysis Batch: 804111

Client Sample ID: 21R
Prep Type: Total/NA
Prep Batch: 803981

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		<0.00020		mg/L				

Lab Sample ID: MB 500-804303/12-A
Matrix: Water
Analysis Batch: 804448

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 804303

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		01/27/25 13:20	01/28/25 09:42	1

Lab Sample ID: LCS 500-804303/13-A
Matrix: Water
Analysis Batch: 804448

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 804303

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

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
JEN-845-804
SDG: HEN_845_804

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 500-262718-38 MS
Matrix: Water
Analysis Batch: 804448

Client Sample ID: 49
Prep Type: Total/NA
Prep Batch: 804303

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.00103		mg/L		103	75 - 125

Lab Sample ID: 500-262718-38 MSD
Matrix: Water
Analysis Batch: 804448

Client Sample ID: 49
Prep Type: Total/NA
Prep Batch: 804303

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.00103		mg/L		103	75 - 125	0	20

Lab Sample ID: 500-262718-38 DU
Matrix: Water
Analysis Batch: 804448

Client Sample ID: 49
Prep Type: Total/NA
Prep Batch: 804303

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		<0.00020		mg/L				NC	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-803786/1-A
Matrix: Water
Analysis Batch: 803788

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0	0.42	mg/L			01/22/25 15:54	1
Sulfate	<1.0		1.0	0.47	mg/L			01/22/25 15:54	1

Lab Sample ID: LCS 500-803786/2-A
Matrix: Water
Analysis Batch: 803788

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	104		mg/L		104	90 - 110
Sulfate	100	105		mg/L		105	90 - 110

Lab Sample ID: 500-262718-25 MS
Matrix: Water
Analysis Batch: 803788

Client Sample ID: 21R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	94		10.0	101	4	mg/L		71	80 - 120
Sulfate	79		10.0	84.1	4	mg/L		51	80 - 120

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 803788

Client Sample ID: 21R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	94		10.0	102	4	mg/L		80	80 - 120	1	20
Sulfate	79		10.0	86.7	4	mg/L		76	80 - 120	3	20

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
Job No: 845-804
SDG: HEN_845_804

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 500-803813/3
Matrix: Water
Analysis Batch: 803813

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0	0.42	mg/L			01/23/25 00:34	1
Sulfate	<1.0		1.0	0.47	mg/L			01/23/25 00:34	1

Lab Sample ID: LCS 500-803813/4
Matrix: Water
Analysis Batch: 803813

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	103		mg/L		103	90 - 110
Sulfate	100	104		mg/L		104	90 - 110

Lab Sample ID: 500-262718-38 MS
Matrix: Water
Analysis Batch: 803813

Client Sample ID: 49
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	110		10.0	118	4	mg/L		107	80 - 120
Sulfate	81		10.0	91.1	4	mg/L		103	80 - 120

Lab Sample ID: 500-262718-38 MSD
Matrix: Water
Analysis Batch: 803813

Client Sample ID: 49
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	110		10.0	115	4	mg/L		75	80 - 120	3	20
Sulfate	81		10.0	88.9	4	mg/L		81	80 - 120	2	20

Lab Sample ID: MB 500-804131/3
Matrix: Water
Analysis Batch: 804131

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<1.0		1.0	0.47	mg/L			01/25/25 16:44	1

Lab Sample ID: LCS 500-804131/4
Matrix: Water
Analysis Batch: 804131

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	100	109		mg/L		109	90 - 110

Lab Sample ID: MB 500-804847/3
Matrix: Water
Analysis Batch: 804847

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0	0.42	mg/L			01/31/25 10:17	1
Sulfate	<1.0		1.0	0.47	mg/L			01/31/25 10:17	1

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
Job No: 45004
SDG: HEN_845_804

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 500-804847/4
Matrix: Water
Analysis Batch: 804847

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	99.5		mg/L		99	90 - 110
Sulfate	100	103		mg/L		103	90 - 110

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 500-803167/26
Matrix: Water
Analysis Batch: 803167

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	5.61		5.0	3.7	mg/L			01/16/25 13:08	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			01/16/25 13:08	1

Lab Sample ID: LCS 500-803167/4
Matrix: Water
Analysis Batch: 803167

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 500-803462/28
Matrix: Water
Analysis Batch: 803462

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	4.65	J	5.0	3.7	mg/L			01/17/25 15:31	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			01/17/25 15:31	1

Lab Sample ID: MB 500-803462/3
Matrix: Water
Analysis Batch: 803462

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	5.09		5.0	3.7	mg/L			01/17/25 12:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			01/17/25 12:45	1

Lab Sample ID: LCS 500-803462/29
Matrix: Water
Analysis Batch: 803462

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	100	99.2		mg/L		99	80 - 120

Lab Sample ID: LCS 500-803462/5
Matrix: Water
Analysis Batch: 803462

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	100	113		mg/L		113	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
Job No: 4084
SDG: HEN_845_804

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 500-803603/28
Matrix: Water
Analysis Batch: 803603

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 CaCO ₃	4.73	J	5.0	3.7	mg/L			01/20/25 14:59	1
Carbonate Alkalinity as CaCO ₃	<5.0		5.0	3.7	mg/L			01/20/25 14:59	1

Lab Sample ID: MB 500-803603/53
Matrix: Water
Analysis Batch: 803603

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 CaCO ₃	4.83	J	5.0	3.7	mg/L			01/20/25 18:30	1
Carbonate Alkalinity as CaCO ₃	<5.0		5.0	3.7	mg/L			01/20/25 18:30	1

Lab Sample ID: LCS 500-803603/29
Matrix: Water
Analysis Batch: 803603

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	100	112		mg/L		112	80 - 120

Lab Sample ID: LCS 500-803603/4
Matrix: Water
Analysis Batch: 803603

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 500-804231/26
Matrix: Water
Analysis Batch: 804231

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 CaCO ₃	<5.0		5.0	3.7	mg/L			01/24/25 14:33	1
Carbonate Alkalinity as CaCO ₃	<5.0		5.0	3.7	mg/L			01/24/25 14:33	1

Lab Sample ID: LCS 500-804231/4
Matrix: Water
Analysis Batch: 804231

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

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

Lab Sample ID: MB 500-803044/1
Matrix: Water
Analysis Batch: 803044

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			01/16/25 00:12	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

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

Lab Sample ID: LCS 500-803044/2
Matrix: Water
Analysis Batch: 803044

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	258		mg/L		103	80 - 120

Lab Sample ID: MB 500-803390/1
Matrix: Water
Analysis Batch: 803390

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			01/20/25 03:21	1

Lab Sample ID: LCS 500-803390/2
Matrix: Water
Analysis Batch: 803390

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	270		mg/L		108	80 - 120

Lab Sample ID: 500-262718-25 MS
Matrix: Water
Analysis Batch: 803390

Client Sample ID: 21R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	660		250	956		mg/L		117	75 - 125

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 803390

Client Sample ID: 21R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	660		250	948		mg/L		114	75 - 125	1	20

Lab Sample ID: 500-262718-26 DU
Matrix: Water
Analysis Batch: 803390

Client Sample ID: 35
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1600		1620		mg/L		1	5

Lab Sample ID: MB 500-803560/1
Matrix: Water
Analysis Batch: 803560

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			01/21/25 00:23	1

Lab Sample ID: LCS 500-803560/2
Matrix: Water
Analysis Batch: 803560

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	272		mg/L		109	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

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

Lab Sample ID: 500-262718-38 MS
Matrix: Water
Analysis Batch: 803560

Client Sample ID: 49
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	650		250	876		mg/L		89	75 - 125

Lab Sample ID: 500-262718-38 MSD
Matrix: Water
Analysis Batch: 803560

Client Sample ID: 49
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	650		250	882		mg/L		91	75 - 125	1	20

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-803200/3
Matrix: Water
Analysis Batch: 803200

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			01/16/25 14:11	1

Lab Sample ID: LCS 500-803200/4
Matrix: Water
Analysis Batch: 803200

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	10.0		mg/L		100	90 - 119

Lab Sample ID: MB 500-803715/3
Matrix: Water
Analysis Batch: 803715

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			01/21/25 12:52	1

Lab Sample ID: MB 500-803715/31
Matrix: Water
Analysis Batch: 803715

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			01/21/25 15:09	1

Lab Sample ID: LCS 500-803715/32
Matrix: Water
Analysis Batch: 803715

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	9.59		mg/L		96	90 - 119

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 500-803715/4
Matrix: Water
Analysis Batch: 803715

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	10.0		mg/L		100	90 - 119		

Lab Sample ID: 500-262718-25 MS
Matrix: Water
Analysis Batch: 803715

Client Sample ID: 21R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	0.16		5.00	5.22		mg/L		101	75 - 125		

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 803715

Client Sample ID: 21R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.16		5.00	5.20		mg/L		101	75 - 125	0	20

Lab Sample ID: 500-262718-38 MS
Matrix: Water
Analysis Batch: 803715

Client Sample ID: 49
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	0.16		5.00	5.31		mg/L		103	75 - 125		

Lab Sample ID: 500-262718-38 MSD
Matrix: Water
Analysis Batch: 803715

Client Sample ID: 49
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.16		5.00	5.22		mg/L		101	75 - 125	2	20

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 27

Date Collected: 01/14/25 16:30

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803709	S1Z	EET CHI	01/21/25 15:59 - 01/21/25 21:59 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 20:13
Total Recoverable	Prep	3005A			803096	BDE	EET CHI	01/16/25 08:24 - 01/16/25 14:24 ¹
Total Recoverable	Analysis	6020B		1	803443	RN	EET CHI	01/17/25 14:20
Total/NA	Prep	7470A			803802	MJG	EET CHI	01/22/25 10:35 - 01/22/25 12:35 ¹
Total/NA	Analysis	7470A		1	803959	MJG	EET CHI	01/23/25 09:33
Total/NA	Analysis	300.0		1	804847	MB	EET CHI	01/31/25 10:47
Total/NA	Analysis	SM 2320B		1	803167	SO	EET CHI	01/16/25 12:25
Total/NA	Analysis	SM 2540C		1	803044	CLB	EET CHI	01/16/25 00:53
Total/NA	Analysis	SM 4500 F C		1	803200	ER	EET CHI	01/16/25 15:59
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/14/25 16:30

Client Sample ID: 22

Date Collected: 01/15/25 08:45

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803709	S1Z	EET CHI	01/21/25 15:59 - 01/21/25 21:59 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 20:40
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 14:46
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		5	804146	RN	EET CHI	01/24/25 13:21
Total/NA	Prep	7470A			803802	MJG	EET CHI	01/22/25 10:35 - 01/22/25 12:35 ¹
Total/NA	Analysis	7470A		1	803959	MJG	EET CHI	01/23/25 09:57
Total/NA	Analysis	300.0		1	804847	MB	EET CHI	01/31/25 11:03
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 15:11
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:39
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 14:31
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 08:45

Client Sample ID: 22&D

Date Collected: 01/15/25 09:40

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803709	S1Z	EET CHI	01/21/25 15:59 - 01/21/25 21:59 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 20:45
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804385	RN	EET CHI	01/27/25 15:57
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 14:48
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804146	RN	EET CHI	01/24/25 13:29

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ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 22&D

Date Collected: 01/15/25 09:40

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			803802	MJG	EET CHI	01/22/25 10:35 - 01/22/25 12:35 ¹
Total/NA	Analysis	7470A		1	803959	MJG	EET CHI	01/23/25 09:59
Total/NA	Analysis	300.0		1	804847	MB	EET CHI	01/31/25 11:18
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 15:21
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:41
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 14:36
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 09:40

Client Sample ID: 32

Date Collected: 01/15/25 16:10

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803709	S1Z	EET CHI	01/21/25 15:59 - 01/21/25 21:59 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 20:58
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804385	RN	EET CHI	01/27/25 16:01
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 14:51
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804146	RN	EET CHI	01/24/25 13:31
Total/NA	Prep	7470A			803802	MJG	EET CHI	01/22/25 10:35 - 01/22/25 12:35 ¹
Total/NA	Analysis	7470A		1	803959	MJG	EET CHI	01/23/25 10:01
Total/NA	Analysis	300.0		1	804847	MB	EET CHI	01/31/25 11:33
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 15:43
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:44
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 14:51
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 16:10

Client Sample ID: 34

Date Collected: 01/15/25 14:50

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803709	S1Z	EET CHI	01/21/25 15:59 - 01/21/25 21:59 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 21:03
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804385	RN	EET CHI	01/27/25 16:05
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 14:53
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804146	RN	EET CHI	01/24/25 13:34
Total/NA	Prep	7470A			803802	MJG	EET CHI	01/22/25 10:35 - 01/22/25 12:35 ¹
Total/NA	Analysis	7470A		1	803959	MJG	EET CHI	01/23/25 10:03

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Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Client Sample ID: 34

Date Collected: 01/15/25 14:50

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	804847	MB	EET CHI	01/31/25 11:48
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 15:53
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:46
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 14:55
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 14:50

Client Sample ID: 21R

Date Collected: 01/16/25 14:00

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803709	S1Z	EET CHI	01/21/25 15:59 - 01/21/25 21:59 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 19:19
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 14:23
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804146	RN	EET CHI	01/24/25 13:16
Total/NA	Prep	7470A			803981	MJG	EET CHI	01/23/25 14:20 - 01/23/25 16:20 ¹
Total/NA	Analysis	7470A		1	804111	MJG	EET CHI	01/24/25 09:37
Total/NA	Analysis	300.0		1	803788	MM	EET CHI	01/22/25 16:55
Total/NA	Analysis	SM 2320B		1	803603	SO	EET CHI	01/20/25 16:48
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 04:07
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 14:13
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/16/25 14:00

Client Sample ID: 35

Date Collected: 01/16/25 11:15

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803710	S1Z	EET CHI	01/21/25 16:06 - 01/21/25 22:06 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 12:31
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		10	804385	RN	EET CHI	01/27/25 16:47
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 15:18
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		10	804146	RN	EET CHI	01/24/25 14:05
Total/NA	Prep	7470A			803981	MJG	EET CHI	01/23/25 14:20 - 01/23/25 16:20 ¹
Total/NA	Analysis	7470A		1	804111	MJG	EET CHI	01/24/25 10:05
Total/NA	Analysis	300.0		1	803788	MM	EET CHI	01/22/25 18:57
Total/NA	Analysis	300.0		50	804131	MB	EET CHI	01/25/25 21:50
Total/NA	Analysis	SM 2320B		1	803603	SO	EET CHI	01/20/25 16:59

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Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
SDG: HEN_845_804

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Client Sample ID: 35

Date Collected: 01/16/25 11:15

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 04:15
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 16:04
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/16/25 11:15

Client Sample ID: 35_FD

Date Collected: 01/16/25 11:20

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803710	S1Z	EET CHI	01/21/25 16:06 - 01/21/25 22:06 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 12:36
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		10	804385	RN	EET CHI	01/27/25 16:51
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 15:26
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		10	804146	RN	EET CHI	01/24/25 14:08
Total/NA	Prep	7470A			803981	MJG	EET CHI	01/23/25 14:20 - 01/23/25 16:20 ¹
Total/NA	Analysis	7470A		1	804111	MJG	EET CHI	01/24/25 10:07
Total/NA	Analysis	300.0		1	803788	MM	EET CHI	01/22/25 19:28
Total/NA	Analysis	300.0		50	804131	MB	EET CHI	01/25/25 22:05
Total/NA	Analysis	SM 2320B		1	803603	SO	EET CHI	01/20/25 17:08
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 04:20
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 16:09
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/16/25 11:20

Client Sample ID: 50

Date Collected: 01/16/25 15:20

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-31

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803710	S1Z	EET CHI	01/21/25 16:06 - 01/21/25 22:06 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 12:54
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804385	RN	EET CHI	01/27/25 17:02
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 15:38
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804146	RN	EET CHI	01/24/25 14:16
Total/NA	Prep	7470A			803981	MJG	EET CHI	01/23/25 14:20 - 01/23/25 16:20 ¹
Total/NA	Analysis	7470A		1	804111	MJG	EET CHI	01/24/25 10:20
Total/NA	Analysis	300.0		1	804847	MB	EET CHI	01/31/25 12:04
Total/NA	Analysis	SM 2320B		1	803603	SO	EET CHI	01/20/25 17:48
Total/NA	Analysis	SM 2540C		1	803560	CLB	EET CHI	01/21/25 00:30

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Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 50

Lab Sample ID: 500-262718-31

Date Collected: 01/16/25 15:20

Matrix: Water

Date Received: 01/17/25 12:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 16:27
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/16/25 15:20

Client Sample ID: 51

Lab Sample ID: 500-262718-32

Date Collected: 01/16/25 09:55

Matrix: Water

Date Received: 01/17/25 12:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803710	S1Z	EET CHI	01/21/25 16:06 - 01/21/25 22:06 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 12:58
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804385	RN	EET CHI	01/27/25 17:06
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 15:41
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804146	RN	EET CHI	01/24/25 14:18
Total/NA	Prep	7470A			804303	MJG	EET CHI	01/27/25 13:20 - 01/27/25 15:20 ¹
Total/NA	Analysis	7470A		1	804448	MJG	EET CHI	01/28/25 09:52
Total/NA	Analysis	300.0		1	804847	MB	EET CHI	01/31/25 12:19
Total/NA	Analysis	SM 2320B		1	803603	SO	EET CHI	01/20/25 17:58
Total/NA	Analysis	SM 2540C		1	803560	CLB	EET CHI	01/21/25 00:33
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 16:31
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/16/25 09:55

Client Sample ID: 23

Lab Sample ID: 500-262718-37

Date Collected: 01/17/25 10:45

Matrix: Water

Date Received: 01/17/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803710	S1Z	EET CHI	01/21/25 16:06 - 01/21/25 22:06 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 13:21
Total Recoverable	Prep	3005A			803714	S1Z	EET CHI	01/21/25 16:22 - 01/21/25 22:22 ¹
Total Recoverable	Analysis	6020B		10	804283	RN	EET CHI	01/24/25 12:52
Total Recoverable	Prep	3005A			803714	S1Z	EET CHI	01/21/25 16:22 - 01/21/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 16:21
Total/NA	Prep	7470A			804303	MJG	EET CHI	01/27/25 13:20 - 01/27/25 15:20 ¹
Total/NA	Analysis	7470A		1	804448	MJG	EET CHI	01/28/25 10:07
Total/NA	Analysis	300.0		1	803813	MM	EET CHI	01/23/25 01:35
Total/NA	Analysis	300.0		20	804131	MB	EET CHI	01/25/25 23:06
Total/NA	Analysis	SM 2320B		1	804231	SO	EET CHI	01/24/25 12:45
Total/NA	Analysis	SM 2540C		1	803560	CLB	EET CHI	01/21/25 00:46
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 17:04
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/17/25 10:45

Eurofins Chicago

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-11
SDG: HEN_845_804

Client Sample ID: 49

Lab Sample ID: 500-262718-38

Date Collected: 01/17/25 10:00

Matrix: Water

Date Received: 01/17/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			803710	S1Z	EET CHI	01/21/25 16:06 - 01/21/25 22:06 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	803900	RB	EET CHI	01/22/25 12:04
Total Recoverable	Prep	3005A			803714	S1Z	EET CHI	01/21/25 16:22 - 01/21/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	803914	RN	EET CHI	01/22/25 15:53
Total Recoverable	Prep	3005A			803714	S1Z	EET CHI	01/21/25 16:22 - 01/21/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	804054	RN	EET CHI	01/23/25 17:04
Total/NA	Prep	7470A			804303	MJG	EET CHI	01/27/25 13:20 - 01/27/25 15:20 ¹
Total/NA	Analysis	7470A		1	804448	MJG	EET CHI	01/28/25 10:09
Total/NA	Analysis	300.0		1	803813	MM	EET CHI	01/23/25 02:06
Total/NA	Analysis	SM 2320B		1	804231	SO	EET CHI	01/24/25 12:54
Total/NA	Analysis	SM 2540C		1	803560	CLB	EET CHI	01/21/25 00:48
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 17:08
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/17/25 10:00

Client Sample ID: YSG_ILRIVER (SG02)

Lab Sample ID: 500-262718-49

Date Collected: 01/13/25 10:15

Matrix: Water

Date Received: 01/15/25 12:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/13/25 10:15

¹ 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

Accreditation/Certification Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q1-25 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-11
JEN-845-804
SDG: HEN_845_804

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	100201	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 CaCO ₃
SM 2320B		Water	Carbonate Alkalinity as CaCO ₃

ATTACHMENT B.
 1. QUARTERLY REPORT - QUARTER 1, 2025
 HENNEPIN POWER PLANT WEST ASH POND SYSTEM
 500-702799
 HEN-845-804

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500-262718 COC

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Section C

Invoice information:

Company: <u>Vistra Corp-Hennepin</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Brian Voelker</u>		REGULATORY AGENCY		
Address: <u>13498 E 800th St</u>		Copy To: <u>Sam Davies samantha.davies@vistracorp.com</u>		Company Name: <u>Vistra Corp</u>				
<u>Hennepin, IL 61327</u>		<u>Jason Stuckey & Michael Olle</u>		Address: <u>see Section A</u>		NPDES GROUND WATER DRINKING WATER		
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No. <u>michael.olle@vistracorp.com</u>		Quote Reference:		UST RCRA OTHER		
Phone: (217) 753-8911	Fax:	Project Name: <u>Jason.Stuckey@vistracorp.com</u>		Project Manager:		Site Location STATE		
Requested Due Date/TAT 10 day		Project Number: <u>50024191</u>		Profile #:				

[illegible]
$$2.7 + 2.6, 3.3 + 3.2, 4.0 + 3.9$$

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	George Asalley				
SIGNATURE of SAMPLER	 DATE Signed (MM/DD/YY) 1/16/25				

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

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

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Invoice information:

Page 1 of 4

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER
Site Location	IL	
STATE		

23
24

23 → 22, 49 → 48, 29 → 28

02/03/25

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Section C
Invoice Information:

Page 2 of 4

Company: Vistra Corp-Hennepin		Report To: Brian Voelker	Attention: Brian Voelker			
Address: 13498 E 800th St		Copy To: Sam Davies samantha.davies@vistracorp.com	Company Name: Vistra Corp	REGULATORY AGENCY		
Hennepin, IL 61327		Jason Stuckey & Michael Olle	Address: see Section A	NPDES	GROUND WATER	DRINKING WATER
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No. michael.olle@vistracorp.com	Quote Reference:	UST	RCRA	OTHER
Phone: (217) 753-8911	Fax:	Project Name: Jason.Stuckey@vistracorp.com	Project Manager:	Site Location		
Requested Due Date/TAT 10 day		Project Number: 50024191	Profile #:	STATE	IL	

[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	George Assalley				
SIGNATURE of SAMPLER	 DATE Signed (MM/DD/YY) 1/17/25				

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Requested Analysis Filtered (Y/N)

29
30
31
32

02/03/25

CHAIN-OF-CUSTODY / Analytical Request Document

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

500-262718



Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Hennepin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	13498 E 800th St	Copy To:	Sam Davies samanthal.davies@vistracorp.com	Company Name:	Vistra Corp
	Hennepin, IL 61327		Jason Sluckey & Michael Olie	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No:	michael.olie@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax	Project Name:	Jason.Sluckey@vistracorp.com	Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	50024191	Profile #:	

500-262718 COC

REGULATORY AGENCY	
NPDES	GROUND WATER
UST	RCRA
OTHER	DRINKING WATER
Site Location	IL
STATE:	

Requested Analysis is Filtered (Y/N)									
ITEM #	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WASTE WATER WT WATER WW PRODUCT P SOLID S SOLID S WIRE W AIR A OTHER O TIS TS		COLLECTED	DATE	TIME	SAMPLE TYPE (G=GRAB C=COMP) (see valid codes to left)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS
1	02								
2	03R								
3	03R FD								
4	05DR								
5	05IR								
6	07								
7	08								
8	08&D								
9	10								
10	12								
11	13								
12	16								
13	16 FD								
14	17								
15	18&D								
16	18#S								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Residual Chlorine (Y/N)	Project No./ Lab I.D.	
HEN-25Q1 Rev 0	Corne Filer	1/17/25	1400	Corne Filer	1/17/25	1400			
SAMPLER NAME AND SIGNATURE		DATE SIGNED (MM/DD/YY)		Received on		Custody		Samples	
PRINT Name of SAMPLER				Ice (Y/N)		Sealed Cooler		Intact (Y/N)	
SIGNATURE of SAMPLER									

508+5.7, 4.6+4.5, 2.0+2.1
2.0+1.9

500-262718

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STREET ADDRESS TO SUPPLY MAILING LABEL

dbn 01/17/2025

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A
Required Client Information:
 Company: Vistra Corp-Hennepin
 Address: 13498 E 800th St
Hennepin, IL 61327
 Email To: Brian.Voelker@VistraCorp.com
 Phone: (217) 753-8911 Fax:
 Requested Due Date/TAT: 10 day

Section B
Required Project Information:
 Report To: Brian Voelker
 Copy To: Sam Davies samantha.davies@vistracorp.com
 Address: see Section A
 Quote Reference: Project Manager
 Project Manager: Jason.Stuckey@vistracorp.com
 Profile #:

Section C
Invoice Information:
 Attention: Brian Voelker
 Company Name: Vistra Corp
 Address: see Section A
 Project Manager: Jason.Stuckey@vistracorp.com
 Profile #:

Section D
Valid Matrix Codes
 MATRIX CODE
 DW DRINKING WATER
 WT WASTE WATER
 WW WASTE WATER
 SL SOLID
 OIL OIL
 WP WASTE PRODUCT
 AR AIR
 OT OTHER
 TS TISSUE

Section E
Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE	MATRIX CODE	SAMPLE TYPE (G=GRAB) (C=COMP)	COLLECTED	DATE	TIME	ANALYSIS TEST	Y/N	Preservatives	UNPRESERVED	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Project No./ Lab I.D.
1	FB				1-17-25	1000												Residual Chlorine (Y/N)
2	TB1				1-17-25	1000												SHORT HOLD - NO2
3	TB2				1-17-25	1000												BTEX Only
4																		BTEX Only
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		

Section F
Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE	COLLECTED	DATE	TIME	ANALYSIS TEST	Y/N	Preservatives	UNPRESERVED	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Project No./ Lab I.D.
1	FB				1-17-25	1000												Residual Chlorine (Y/N)
2	TB1				1-17-25	1000												SHORT HOLD - NO2
3	TB2				1-17-25	1000												BTEX Only
4																		BTEX Only
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		

Section G
Relinquished By / Affiliation
 DATE: 1-17-25 TIME: 1400
 SIGNATURE: [Signature]
 PRINT Name of SAMPLER: Stephanie Amadi
 SIGNATURE of SAMPLER: [Signature]

Section H
Additional Comments
HEN-25Q1 Rev 0

Section I
Regulatory Agency
 NPDES: RCRA OTHER
 UST: IL
 Site Location: STATE

Section J
Temp in °C
 Received on: 11/17/25
 Custody (Y/N): Sealed Cooler
 Samples Intact (Y/N): Intact

Sampler is the same as relinquished by, as on page 1.

dbn 01/17/2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-262718-11

SDG Number: HEN_845_804

Login Number: 262718

List Number: 1

Creator: Scott, Sherri L

List Source: Eurofins Chicago

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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2,0.1,1.2,2.6,3.2,3.9,2.2,4.8,2.8,5.7,4.5,1.9
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.	False	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

ANALYTICAL REPORT

PREPARED FOR

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

Generated 02/12/25 14:26:59

JOB DESCRIPTION

HEN-25Q1
HEN_000_RAD

JOB NUMBER

500-262718-2

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
02/12/25 14:26:59

Authorized for release by
Dirk Nelson, Project Management Assistant II
Dirk.Nelson@et.eurofinsus.com
(708)534-5200

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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project: HEN-25Q1

Job ID: 500-262718-2

Job ID: 500-262718-2

Eurofins Chicago

Job Narrative 500-262718-2

Receipt

The samples were received on 01/15/25 12:16. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 12 coolers at receipt time were 0.1° C, 1.2° C, 1.9° C, 2.2° C, 2.2° C, 2.6° C, 2.8° C, 3.2° C, 3.9° C, 4.5° C, 4.8° C and 5.7° C.

RAD

Methods 904.0, 9320: Radium-228 prep batch 160-699122:

The Ra-228 laboratory control sample (LCS) associated with the following samples recovered at 138% (LCS 160-699122/2-A). The limits in our LIMS system at (75-125%) reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (74-146%) The LCS is within criteria and no further action is required.

Method 904.0: Radium-228 prep batch 160-698837:

The Ra-228 laboratory control sample (LCS) associated with the following samples recovered at 132%: (LCS 160-698837/2-A). The limits in our LIMS system at (75-125%) reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (76-146%). The LCS is within criteria and no further action is required.

Methods 904.0, 9320: Radium-228 batch 699304

The LCS recovered at (141%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (74-146%) per method requirements. The LCS passes, no further action is required. (LCS 160-699304/2-A)

Methods 904.0, 9320: Radium-228 batch 699304

The matrix spike duplicate (MSD) recoveries for Radium-228 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. 21R (500-262718-25[MSD])

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

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 03R	Lab Sample ID: 500-262718-2
☐ No Detections.	
Client Sample ID: 03R_FD	Lab Sample ID: 500-262718-3
☐ No Detections.	
Client Sample ID: 08&D	Lab Sample ID: 500-262718-4
☐ No Detections.	
Client Sample ID: 18&D	Lab Sample ID: 500-262718-5
☐ No Detections.	
Client Sample ID: 18#S	Lab Sample ID: 500-262718-6
☐ No Detections.	
Client Sample ID: 27	Lab Sample ID: 500-262718-7
☐ No Detections.	
Client Sample ID: 45#S	Lab Sample ID: 500-262718-8
☐ No Detections.	
Client Sample ID: 54	Lab Sample ID: 500-262718-9
☐ No Detections.	
Client Sample ID: 54_FD	Lab Sample ID: 500-262718-10
☐ No Detections.	
Client Sample ID: 13	Lab Sample ID: 500-262718-12
☐ No Detections.	
Client Sample ID: 17	Lab Sample ID: 500-262718-13
☐ No Detections.	
Client Sample ID: 22	Lab Sample ID: 500-262718-14
☐ No Detections.	
Client Sample ID: 22&D	Lab Sample ID: 500-262718-15
☐ No Detections.	
Client Sample ID: 32	Lab Sample ID: 500-262718-16
☐ No Detections.	
Client Sample ID: 34	Lab Sample ID: 500-262718-17
☐ No Detections.	
Client Sample ID: 47	Lab Sample ID: 500-262718-18
☐ No Detections.	

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 52	Lab Sample ID: 500-262718-19
☐ No Detections.	
Client Sample ID: 21R	Lab Sample ID: 500-262718-25
☐ No Detections.	
Client Sample ID: 35	Lab Sample ID: 500-262718-26
☐ No Detections.	
Client Sample ID: 35_FD	Lab Sample ID: 500-262718-27
☐ No Detections.	
Client Sample ID: 46	Lab Sample ID: 500-262718-29
☐ No Detections.	
Client Sample ID: 50	Lab Sample ID: 500-262718-31
☐ No Detections.	
Client Sample ID: 51	Lab Sample ID: 500-262718-32
☐ No Detections.	
Client Sample ID: 07	Lab Sample ID: 500-262718-33
☐ No Detections.	
Client Sample ID: 08	Lab Sample ID: 500-262718-34
☐ No Detections.	
Client Sample ID: 16	Lab Sample ID: 500-262718-35
☐ No Detections.	
Client Sample ID: 16_FD	Lab Sample ID: 500-262718-36
☐ No Detections.	
Client Sample ID: 23	Lab Sample ID: 500-262718-37
☐ No Detections.	
Client Sample ID: 49	Lab Sample ID: 500-262718-38
☐ No Detections.	
Client Sample ID: FB	Lab Sample ID: 500-262718-39
☐ No Detections.	

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 590-262718-2
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 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-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Job ID: 500-262718-2
JEN 1845804
SDG: HEN_000_RAD

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-262718-2	03R	Water	01/14/25 09:15	01/15/25 12:16
500-262718-3	03R_FD	Water	01/14/25 09:20	01/15/25 12:16
500-262718-4	08&D	Water	01/14/25 13:45	01/15/25 12:16
500-262718-5	18&D	Water	01/14/25 10:41	01/15/25 12:16
500-262718-6	18#S	Water	01/14/25 12:10	01/15/25 12:16
500-262718-7	27	Water	01/14/25 16:30	01/15/25 12:16
500-262718-8	45#S	Water	01/14/25 14:10	01/15/25 12:16
500-262718-9	54	Water	01/14/25 15:30	01/15/25 12:16
500-262718-10	54_FD	Water	01/14/25 15:40	01/15/25 12:16
500-262718-12	13	Water	01/15/25 14:05	01/16/25 12:17
500-262718-13	17	Water	01/15/25 12:20	01/16/25 12:17
500-262718-14	22	Water	01/15/25 08:45	01/16/25 12:17
500-262718-15	22&D	Water	01/15/25 09:40	01/16/25 12:17
500-262718-16	32	Water	01/15/25 16:10	01/16/25 12:17
500-262718-17	34	Water	01/15/25 14:50	01/16/25 12:17
500-262718-18	47	Water	01/15/25 11:35	01/16/25 12:17
500-262718-19	52	Water	01/15/25 12:45	01/16/25 12:17
500-262718-25	21R	Water	01/16/25 14:00	01/17/25 12:24
500-262718-26	35	Water	01/16/25 11:15	01/17/25 12:24
500-262718-27	35_FD	Water	01/16/25 11:20	01/17/25 12:24
500-262718-29	46	Water	01/16/25 12:35	01/17/25 12:24
500-262718-31	50	Water	01/16/25 15:20	01/17/25 12:24
500-262718-32	51	Water	01/16/25 09:55	01/17/25 12:24
500-262718-33	07	Water	01/17/25 07:10	01/17/25 14:00
500-262718-34	08	Water	01/17/25 08:10	01/17/25 14:00
500-262718-35	16	Water	01/17/25 09:05	01/17/25 14:00
500-262718-36	16_FD	Water	01/17/25 09:10	01/17/25 14:00
500-262718-37	23	Water	01/17/25 10:45	01/17/25 14:00
500-262718-38	49	Water	01/17/25 10:00	01/17/25 14:00
500-262718-39	FB	Water	01/17/25 10:00	01/17/25 14:00

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 01/14/25
SDG: HEN_000_RAD

Client Sample ID: 03R

Lab Sample ID: 500-262718-2

Date Collected: 01/14/25 09:15

Matrix: Water

Date Received: 01/15/25 12:16

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0903	U	0.0886	0.0890	1.00	0.140	pCi/L	01/17/25 08:55	02/10/25 17:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					01/17/25 08:55	02/10/25 17:23	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.271	U	0.383	0.384	1.00	0.643	pCi/L	01/17/25 08:59	01/29/25 12:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					01/17/25 08:59	01/29/25 12:32	1
Y Carrier	82.2		30 - 110					01/17/25 08:59	01/29/25 12:32	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.361	U	0.393	0.394	5.00	0.643	pCi/L		02/12/25 13:46	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 01/14/25
SDG: HEN_000_RAD

Client Sample ID: 03R_FD

Date Collected: 01/14/25 09:20

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-3

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0928	U	0.0683	0.0688	1.00	0.0945	pCi/L	01/17/25 08:55	02/10/25 17:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.7		30 - 110					01/17/25 08:55	02/10/25 17:23	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.121	U	0.302	0.302	1.00	0.605	pCi/L	01/17/25 08:59	01/29/25 12:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.7		30 - 110					01/17/25 08:59	01/29/25 12:32	1
Y Carrier	84.9		30 - 110					01/17/25 08:59	01/29/25 12:32	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0928	U	0.310	0.310	5.00	0.605	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 08&D

Lab Sample ID: 500-262718-4

Date Collected: 01/14/25 13:45

Matrix: Water

Date Received: 01/15/25 12:16

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0793	U	0.0755	0.0758	1.00	0.118	pCi/L	01/17/25 08:55	02/10/25 17:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.1		30 - 110					01/17/25 08:55	02/10/25 17:23	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.532		0.347	0.351	1.00	0.512	pCi/L	01/17/25 08:59	01/29/25 12:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.1		30 - 110					01/17/25 08:59	01/29/25 12:32	1
Y Carrier	84.9		30 - 110					01/17/25 08:59	01/29/25 12:32	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.611		0.355	0.359	5.00	0.512	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: 18&D

Lab Sample ID: 500-262718-5

Date Collected: 01/14/25 10:41

Matrix: Water

Date Received: 01/15/25 12:16

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0897	U	0.0693	0.0698	1.00	0.0979	pCi/L	01/17/25 08:55	02/10/25 17:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					01/17/25 08:55	02/10/25 17:23	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.382	U	0.385	0.386	1.00	0.620	pCi/L	01/17/25 08:59	01/29/25 12:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					01/17/25 08:59	01/29/25 12:32	1
Y Carrier	89.0		30 - 110					01/17/25 08:59	01/29/25 12:32	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.472	U	0.391	0.392	5.00	0.620	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 01/14/25
SDG: HEN_000_RAD

Client Sample ID: 18#S

Lab Sample ID: 500-262718-6

Date Collected: 01/14/25 12:10

Matrix: Water

Date Received: 01/15/25 12:16

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.167		0.0820	0.0834	1.00	0.0952	pCi/L	01/17/25 09:01	02/10/25 17:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.7		30 - 110					01/17/25 09:01	02/10/25 17:21	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.168	U	0.344	0.344	1.00	0.691	pCi/L	01/17/25 09:04	01/29/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.7		30 - 110					01/17/25 09:04	01/29/25 12:17	1
Y Carrier	79.6		30 - 110					01/17/25 09:04	01/29/25 12:17	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.167	U	0.354	0.354	5.00	0.691	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: 27

Lab Sample ID: 500-262718-7

Date Collected: 01/14/25 16:30

Matrix: Water

Date Received: 01/15/25 12:16

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.186		0.0939	0.0954	1.00	0.112	pCi/L	01/17/25 09:01	02/11/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.5		30 - 110					01/17/25 09:01	02/11/25 14:37	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.400	U	0.519	0.521	1.00	0.865	pCi/L	01/17/25 09:04	01/29/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.5		30 - 110					01/17/25 09:04	01/29/25 12:17	1
Y Carrier	80.4		30 - 110					01/17/25 09:04	01/29/25 12:17	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.586	U	0.527	0.530	5.00	0.865	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: 45#S

Lab Sample ID: 500-262718-8

Date Collected: 01/14/25 14:10

Matrix: Water

Date Received: 01/15/25 12:16

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.243		0.0989	0.101	1.00	0.111	pCi/L	01/17/25 09:01	02/11/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					01/17/25 09:01	02/11/25 14:37	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.166	U	0.454	0.454	1.00	0.796	pCi/L	01/17/25 09:04	01/29/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					01/17/25 09:04	01/29/25 12:17	1
Y Carrier	81.1		30 - 110					01/17/25 09:04	01/29/25 12:17	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.409	U	0.465	0.465	5.00	0.796	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: 54

Lab Sample ID: 500-262718-9

Date Collected: 01/14/25 15:30

Matrix: Water

Date Received: 01/15/25 12:16

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0581	U	0.0568	0.0570	1.00	0.0876	pCi/L	01/17/25 09:01	02/11/25 14:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.6		30 - 110					01/17/25 09:01	02/11/25 14:38	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.261	U	0.404	0.405	1.00	0.685	pCi/L	01/17/25 09:04	01/29/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.6		30 - 110					01/17/25 09:04	01/29/25 12:17	1
Y Carrier	80.7		30 - 110					01/17/25 09:04	01/29/25 12:17	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.319	U	0.408	0.409	5.00	0.685	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: 54_FD
Date Collected: 01/14/25 15:40
Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-10
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0456	U	0.0545	0.0546	1.00	0.0890	pCi/L	01/17/25 09:01	02/11/25 14:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.2		30 - 110					01/17/25 09:01	02/11/25 14:38	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.471	U	0.431	0.433	1.00	0.688	pCi/L	01/17/25 09:04	01/29/25 12:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.2		30 - 110					01/17/25 09:04	01/29/25 12:17	1
Y Carrier	83.0		30 - 110					01/17/25 09:04	01/29/25 12:17	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.517	U	0.434	0.436	5.00	0.688	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 13

Lab Sample ID: 500-262718-12

Date Collected: 01/15/25 14:05

Matrix: Water

Date Received: 01/16/25 12:17

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00712	U	0.0577	0.0577	1.00	0.113	pCi/L	01/20/25 08:44	02/11/25 14:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					01/20/25 08:44	02/11/25 14:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.763		0.460	0.465	1.00	0.680	pCi/L	01/20/25 08:51	01/30/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					01/20/25 08:51	01/30/25 11:45	1
Y Carrier	78.1		30 - 110					01/20/25 08:51	01/30/25 11:45	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.770		0.464	0.469	5.00	0.680	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 17

Lab Sample ID: 500-262718-13

Date Collected: 01/15/25 12:20

Matrix: Water

Date Received: 01/16/25 12:17

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0761	U	0.0651	0.0655	1.00	0.0962	pCi/L	01/20/25 08:44	02/11/25 14:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					01/20/25 08:44	02/11/25 14:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.835		0.395	0.402	1.00	0.525	pCi/L	01/20/25 08:51	01/30/25 11:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					01/20/25 08:51	01/30/25 11:46	1
Y Carrier	80.4		30 - 110					01/20/25 08:51	01/30/25 11:46	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.912		0.400	0.407	5.00	0.525	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245904
SDG: HEN_000_RAD

Client Sample ID: 22

Lab Sample ID: 500-262718-14

Date Collected: 01/15/25 08:45

Matrix: Water

Date Received: 01/16/25 12:17

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0953	U	0.0787	0.0791	1.00	0.116	pCi/L	01/20/25 08:44	02/11/25 14:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.5		30 - 110					01/20/25 08:44	02/11/25 14:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.843		0.461	0.468	1.00	0.650	pCi/L	01/20/25 08:51	01/30/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.5		30 - 110					01/20/25 08:51	01/30/25 11:56	1
Y Carrier	78.5		30 - 110					01/20/25 08:51	01/30/25 11:56	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.938		0.468	0.475	5.00	0.650	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 22&D

Date Collected: 01/15/25 09:40

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-15

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.646		0.157	0.167	1.00	0.134	pCi/L	01/20/25 08:44	02/11/25 14:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.3		30 - 110					01/20/25 08:44	02/11/25 14:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.11		0.506	0.516	1.00	0.686	pCi/L	01/20/25 08:51	01/30/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.3		30 - 110					01/20/25 08:51	01/30/25 11:56	1
Y Carrier	77.4		30 - 110					01/20/25 08:51	01/30/25 11:56	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.76		0.530	0.542	5.00	0.686	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: 32

Lab Sample ID: 500-262718-16

Date Collected: 01/15/25 16:10

Matrix: Water

Date Received: 01/16/25 12:17

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.184		0.0925	0.0940	1.00	0.113	pCi/L	01/20/25 08:44	02/11/25 14:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					01/20/25 08:44	02/11/25 14:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.877		0.445	0.452	1.00	0.614	pCi/L	01/20/25 08:51	01/30/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					01/20/25 08:51	01/30/25 11:57	1
Y Carrier	77.4		30 - 110					01/20/25 08:51	01/30/25 11:57	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.06		0.455	0.462	5.00	0.614	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: 34

Lab Sample ID: 500-262718-17

Date Collected: 01/15/25 14:50

Matrix: Water

Date Received: 01/16/25 12:17

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.311		0.114	0.117	1.00	0.118	pCi/L	01/20/25 08:44	02/11/25 14:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		30 - 110					01/20/25 08:44	02/11/25 14:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.905		0.457	0.465	1.00	0.631	pCi/L	01/20/25 08:51	01/30/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		30 - 110					01/20/25 08:51	01/30/25 11:57	1
Y Carrier	78.5		30 - 110					01/20/25 08:51	01/30/25 11:57	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.22		0.471	0.479	5.00	0.631	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: 47

Lab Sample ID: 500-262718-18

Date Collected: 01/15/25 11:35

Matrix: Water

Date Received: 01/16/25 12:17

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0509	U	0.0655	0.0657	1.00	0.109	pCi/L	01/20/25 08:44	02/11/25 16:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.8		30 - 110					01/20/25 08:44	02/11/25 16:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.401	U	0.371	0.373	1.00	0.589	pCi/L	01/20/25 08:51	01/30/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.8		30 - 110					01/20/25 08:51	01/30/25 11:57	1
Y Carrier	84.5		30 - 110					01/20/25 08:51	01/30/25 11:57	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.452	U	0.377	0.379	5.00	0.589	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 0145904
SDG: HEN_000_RAD

Client Sample ID: 52

Lab Sample ID: 500-262718-19

Date Collected: 01/15/25 12:45

Matrix: Water

Date Received: 01/16/25 12:17

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.236		0.101	0.103	1.00	0.102	pCi/L	01/20/25 08:44	02/11/25 16:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.5		30 - 110					01/20/25 08:44	02/11/25 16:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.751		0.497	0.502	1.00	0.738	pCi/L	01/20/25 08:51	01/30/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.5		30 - 110					01/20/25 08:51	01/30/25 11:57	1
Y Carrier	71.4		30 - 110					01/20/25 08:51	01/30/25 11:57	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.987		0.507	0.512	5.00	0.738	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 21R

Lab Sample ID: 500-262718-25

Date Collected: 01/16/25 14:00

Matrix: Water

Date Received: 01/17/25 12:24

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.619		0.142	0.152	1.00	0.0966	pCi/L	01/21/25 08:27	02/12/25 07:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.5		30 - 110					01/21/25 08:27	02/12/25 07:42	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.390	U	0.388	0.390	1.00	0.623	pCi/L	01/21/25 08:32	01/31/25 11:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.5		30 - 110					01/21/25 08:32	01/31/25 11:49	1
Y Carrier	74.4		30 - 110					01/21/25 08:32	01/31/25 11:49	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.01		0.413	0.419	5.00	0.623	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245904
SDG: HEN_000_RAD

Client Sample ID: 35

Lab Sample ID: 500-262718-26

Date Collected: 01/16/25 11:15

Matrix: Water

Date Received: 01/17/25 12:24

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.176		0.0956	0.0969	1.00	0.121	pCi/L	01/21/25 08:27	02/12/25 07:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.3		30 - 110					01/21/25 08:27	02/12/25 07:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.339	U	0.421	0.422	1.00	0.698	pCi/L	01/21/25 08:32	01/31/25 11:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.3		30 - 110					01/21/25 08:32	01/31/25 11:49	1
Y Carrier	82.6		30 - 110					01/21/25 08:32	01/31/25 11:49	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.515	U	0.432	0.433	5.00	0.698	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: 35_FD
Date Collected: 01/16/25 11:20
Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-27
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.167		0.0979	0.0991	1.00	0.132	pCi/L	01/21/25 08:27	02/12/25 07:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110					01/21/25 08:27	02/12/25 07:42	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.262	U	0.384	0.384	1.00	0.649	pCi/L	01/21/25 08:32	01/31/25 11:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110					01/21/25 08:32	01/31/25 11:49	1
Y Carrier	77.4		30 - 110					01/21/25 08:32	01/31/25 11:49	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.429	U	0.396	0.397	5.00	0.649	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245904
SDG: HEN_000_RAD

Client Sample ID: 46

Lab Sample ID: 500-262718-29

Date Collected: 01/16/25 12:35

Matrix: Water

Date Received: 01/17/25 12:24

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0851	U	0.0750	0.0754	1.00	0.112	pCi/L	01/21/25 08:27	02/12/25 07:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.8		30 - 110					01/21/25 08:27	02/12/25 07:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.371	U	0.465	0.466	1.00	0.771	pCi/L	01/21/25 08:32	01/31/25 11:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.8		30 - 110					01/21/25 08:32	01/31/25 11:49	1
Y Carrier	70.3		30 - 110					01/21/25 08:32	01/31/25 11:49	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.456	U	0.471	0.472	5.00	0.771	pCi/L		02/12/25 13:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 50

Lab Sample ID: 500-262718-31

Date Collected: 01/16/25 15:20

Matrix: Water

Date Received: 01/17/25 12:24

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.291		0.111	0.114	1.00	0.104	pCi/L	01/21/25 08:27	02/12/25 07:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.7		30 - 110					01/21/25 08:27	02/12/25 07:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.43		0.644	0.657	1.00	0.877	pCi/L	01/21/25 08:32	01/31/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.7		30 - 110					01/21/25 08:32	01/31/25 11:50	1
Y Carrier	70.7		30 - 110					01/21/25 08:32	01/31/25 11:50	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.72		0.653	0.667	5.00	0.877	pCi/L		02/12/25 13:51	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 51

Lab Sample ID: 500-262718-32

Date Collected: 01/16/25 09:55

Matrix: Water

Date Received: 01/17/25 12:24

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.692		0.149	0.162	1.00	0.0921	pCi/L	01/21/25 08:27	02/12/25 07:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.2		30 - 110					01/21/25 08:27	02/12/25 07:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.329	U	0.381	0.382	1.00	0.624	pCi/L	01/21/25 08:32	01/31/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.2		30 - 110					01/21/25 08:32	01/31/25 11:50	1
Y Carrier	74.0		30 - 110					01/21/25 08:32	01/31/25 11:50	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.02		0.409	0.415	5.00	0.624	pCi/L		02/12/25 13:51	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245904
SDG: HEN_000_RAD

Client Sample ID: 07

Lab Sample ID: 500-262718-33

Date Collected: 01/17/25 07:10

Matrix: Water

Date Received: 01/17/25 14:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.154		0.0746	0.0759	1.00	0.0808	pCi/L	01/21/25 08:27	02/12/25 07:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					01/21/25 08:27	02/12/25 07:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.918		0.469	0.477	1.00	0.672	pCi/L	01/21/25 08:32	01/31/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					01/21/25 08:32	01/31/25 11:50	1
Y Carrier	79.3		30 - 110					01/21/25 08:32	01/31/25 11:50	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.07		0.475	0.483	5.00	0.672	pCi/L		02/12/25 13:51	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245904
SDG: HEN_000_RAD

Client Sample ID: 08

Lab Sample ID: 500-262718-34

Date Collected: 01/17/25 08:10

Matrix: Water

Date Received: 01/17/25 14:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0948	U	0.0870	0.0874	1.00	0.136	pCi/L	01/21/25 08:27	02/12/25 07:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					01/21/25 08:27	02/12/25 07:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.696		0.400	0.405	1.00	0.578	pCi/L	01/21/25 08:32	01/31/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					01/21/25 08:32	01/31/25 11:45	1
Y Carrier	78.9		30 - 110					01/21/25 08:32	01/31/25 11:45	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.791		0.409	0.414	5.00	0.578	pCi/L		02/12/25 13:51	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: 16

Lab Sample ID: 500-262718-35

Date Collected: 01/17/25 09:05

Matrix: Water

Date Received: 01/17/25 14:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0861	U	0.0672	0.0677	1.00	0.0953	pCi/L	01/21/25 08:27	02/12/25 07:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.7		30 - 110					01/21/25 08:27	02/12/25 07:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.469	U	0.414	0.417	1.00	0.649	pCi/L	01/21/25 08:32	01/31/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.7		30 - 110					01/21/25 08:32	01/31/25 11:45	1
Y Carrier	71.4		30 - 110					01/21/25 08:32	01/31/25 11:45	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.555	U	0.419	0.422	5.00	0.649	pCi/L		02/12/25 13:51	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245904
SDG: HEN_000_RAD

Client Sample ID: 16_FD
Date Collected: 01/17/25 09:10
Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-36
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0252	U	0.0774	0.0774	1.00	0.144	pCi/L	01/21/25 08:27	02/12/25 07:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.5		30 - 110					01/21/25 08:27	02/12/25 07:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.540	U	0.489	0.492	1.00	0.773	pCi/L	01/21/25 08:32	01/31/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.5		30 - 110					01/21/25 08:32	01/31/25 11:45	1
Y Carrier	70.3		30 - 110					01/21/25 08:32	01/31/25 11:45	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.565	U	0.495	0.498	5.00	0.773	pCi/L		02/12/25 13:51	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245904
SDG: HEN_000_RAD

Client Sample ID: 23

Lab Sample ID: 500-262718-37

Date Collected: 01/17/25 10:45

Matrix: Water

Date Received: 01/17/25 14:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.176		0.0872	0.0887	1.00	0.0996	pCi/L	01/21/25 08:27	02/12/25 07:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110					01/21/25 08:27	02/12/25 07:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.175	U	0.443	0.443	1.00	0.780	pCi/L	01/21/25 08:32	01/31/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110					01/21/25 08:32	01/31/25 11:45	1
Y Carrier	71.4		30 - 110					01/21/25 08:32	01/31/25 11:45	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.351	U	0.452	0.452	5.00	0.780	pCi/L		02/12/25 13:51	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 49

Lab Sample ID: 500-262718-38

Date Collected: 01/17/25 10:00

Matrix: Water

Date Received: 01/17/25 14:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.111		0.0795	0.0801	1.00	0.110	pCi/L	01/21/25 08:34	02/12/25 09:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110					01/21/25 08:34	02/12/25 09:15	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.351	U	0.297	0.299	1.00	0.459	pCi/L	01/21/25 08:38	02/05/25 11:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110					01/21/25 08:38	02/05/25 11:19	1
Y Carrier	83.0		30 - 110					01/21/25 08:38	02/05/25 11:19	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.463		0.307	0.310	5.00	0.459	pCi/L		02/12/25 13:51	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN 1245804
SDG: HEN_000_RAD

Client Sample ID: FB

Lab Sample ID: 500-262718-39

Date Collected: 01/17/25 10:00

Matrix: Water

Date Received: 01/17/25 14:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0242	U	0.0716	0.0717	1.00	0.133	pCi/L	01/21/25 08:34	02/12/25 09:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					01/21/25 08:34	02/12/25 09:15	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.286	U	0.334	0.335	1.00	0.550	pCi/L	01/21/25 08:38	02/05/25 11:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.5		30 - 110					01/21/25 08:38	02/05/25 11:19	1
Y Carrier	83.7		30 - 110					01/21/25 08:38	02/05/25 11:19	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.310	U	0.342	0.343	5.00	0.550	pCi/L		02/12/25 13:51	1

Definitions/Glossary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
JEN-184580-
SDG: HEN_000_RAD

Qualifiers

Rad

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
SDG: HEN_000_RAD

Rad

Prep Batch: 698833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-2	03R	Total/NA	Water	PrecSep-21	
500-262718-3	03R_FD	Total/NA	Water	PrecSep-21	
500-262718-4	08&D	Total/NA	Water	PrecSep-21	
500-262718-5	18&D	Total/NA	Water	PrecSep-21	
MB 160-698833/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-698833/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 698835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-2	03R	Total/NA	Water	PrecSep_0	
500-262718-3	03R_FD	Total/NA	Water	PrecSep_0	
500-262718-4	08&D	Total/NA	Water	PrecSep_0	
500-262718-5	18&D	Total/NA	Water	PrecSep_0	
MB 160-698835/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-698835/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 698836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-6	18#S	Total/NA	Water	PrecSep-21	
500-262718-7	27	Total/NA	Water	PrecSep-21	
500-262718-8	45#S	Total/NA	Water	PrecSep-21	
500-262718-9	54	Total/NA	Water	PrecSep-21	
500-262718-10	54_FD	Total/NA	Water	PrecSep-21	
MB 160-698836/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-698836/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 698837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-6	18#S	Total/NA	Water	PrecSep_0	
500-262718-7	27	Total/NA	Water	PrecSep_0	
500-262718-8	45#S	Total/NA	Water	PrecSep_0	
500-262718-9	54	Total/NA	Water	PrecSep_0	
500-262718-10	54_FD	Total/NA	Water	PrecSep_0	
MB 160-698837/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-698837/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 699121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-12	13	Total/NA	Water	PrecSep-21	
500-262718-13	17	Total/NA	Water	PrecSep-21	
500-262718-14	22	Total/NA	Water	PrecSep-21	
500-262718-15	22&D	Total/NA	Water	PrecSep-21	
500-262718-16	32	Total/NA	Water	PrecSep-21	
500-262718-17	34	Total/NA	Water	PrecSep-21	
500-262718-18	47	Total/NA	Water	PrecSep-21	
500-262718-19	52	Total/NA	Water	PrecSep-21	
MB 160-699121/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-699121/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-262718-13 DU	17	Total/NA	Water	PrecSep-21	

Eurofins Chicago

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
SDG: HEN_000_RAD

Rad

Prep Batch: 699122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-12	13	Total/NA	Water	PrecSep_0	
500-262718-13	17	Total/NA	Water	PrecSep_0	
500-262718-14	22	Total/NA	Water	PrecSep_0	
500-262718-15	22&D	Total/NA	Water	PrecSep_0	
500-262718-16	32	Total/NA	Water	PrecSep_0	
500-262718-17	34	Total/NA	Water	PrecSep_0	
500-262718-18	47	Total/NA	Water	PrecSep_0	
500-262718-19	52	Total/NA	Water	PrecSep_0	
MB 160-699122/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-699122/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-262718-13 DU	17	Total/NA	Water	PrecSep_0	

Prep Batch: 699303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-25	21R	Total/NA	Water	PrecSep-21	
500-262718-26	35	Total/NA	Water	PrecSep-21	
500-262718-27	35_FD	Total/NA	Water	PrecSep-21	
500-262718-29	46	Total/NA	Water	PrecSep-21	
500-262718-31	50	Total/NA	Water	PrecSep-21	
500-262718-32	51	Total/NA	Water	PrecSep-21	
500-262718-33	07	Total/NA	Water	PrecSep-21	
500-262718-34	08	Total/NA	Water	PrecSep-21	
500-262718-35	16	Total/NA	Water	PrecSep-21	
500-262718-36	16_FD	Total/NA	Water	PrecSep-21	
500-262718-37	23	Total/NA	Water	PrecSep-21	
MB 160-699303/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-699303/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-262718-25 MS	21R	Total/NA	Water	PrecSep-21	
500-262718-25 MSD	21R	Total/NA	Water	PrecSep-21	

Prep Batch: 699304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-25	21R	Total/NA	Water	PrecSep_0	
500-262718-26	35	Total/NA	Water	PrecSep_0	
500-262718-27	35_FD	Total/NA	Water	PrecSep_0	
500-262718-29	46	Total/NA	Water	PrecSep_0	
500-262718-31	50	Total/NA	Water	PrecSep_0	
500-262718-32	51	Total/NA	Water	PrecSep_0	
500-262718-33	07	Total/NA	Water	PrecSep_0	
500-262718-34	08	Total/NA	Water	PrecSep_0	
500-262718-35	16	Total/NA	Water	PrecSep_0	
500-262718-36	16_FD	Total/NA	Water	PrecSep_0	
500-262718-37	23	Total/NA	Water	PrecSep_0	
MB 160-699304/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-699304/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-262718-25 MS	21R	Total/NA	Water	PrecSep_0	
500-262718-25 MSD	21R	Total/NA	Water	PrecSep_0	

Prep Batch: 699305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-38	49	Total/NA	Water	PrecSep-21	

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Rad (Continued)

Prep Batch: 699305 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-39	FB	Total/NA	Water	PrecSep-21	
MB 160-699305/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-699305/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-262718-38 MS	49	Total/NA	Water	PrecSep-21	
500-262718-38 MSD	49	Total/NA	Water	PrecSep-21	

Prep Batch: 699308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-38	49	Total/NA	Water	PrecSep_0	
500-262718-39	FB	Total/NA	Water	PrecSep_0	
MB 160-699308/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-699308/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-262718-38 MS	49	Total/NA	Water	PrecSep_0	
500-262718-38 MSD	49	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
1845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 590-262718-2
JEN 1245904
SDG: HEN_000_RAD

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-698833/1-A
Matrix: Water
Analysis Batch: 702289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 698833

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01282	U	0.0521	0.0521	1.00	0.102	pCi/L	01/17/25 08:55	02/10/25 17:18	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					01/17/25 08:55	02/10/25 17:18	1

Lab Sample ID: LCS 160-698833/2-A
Matrix: Water
Analysis Batch: 702289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 698833

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.009		0.964	1.00	0.104	pCi/L	94	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	81.9		30 - 110							

Lab Sample ID: MB 160-698836/1-A
Matrix: Water
Analysis Batch: 702486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 698836

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.004864	U	0.0459	0.0459	1.00	0.0940	pCi/L	01/17/25 09:01	02/11/25 14:37	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					01/17/25 09:01	02/11/25 14:37	1

Lab Sample ID: LCS 160-698836/2-A
Matrix: Water
Analysis Batch: 702280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 698836

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.899		1.03	1.00	0.108	pCi/L	103	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	89.3		30 - 110							

Lab Sample ID: MB 160-699121/1-A
Matrix: Water
Analysis Batch: 702492

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 699121

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.01978	U	0.0602	0.0603	1.00	0.130	pCi/L	01/20/25 08:44	02/11/25 14:47	1

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-699121/1-A
Matrix: Water
Analysis Batch: 702492

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 699121

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110	01/20/25 08:44	02/11/25 14:47	1

Lab Sample ID: LCS 160-699121/2-A
Matrix: Water
Analysis Batch: 702492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 699121

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	9.501		1.01	1.00	0.105	pCi/L	99	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	81.4		30 - 110						

Lab Sample ID: 500-262718-13 DU
Matrix: Water
Analysis Batch: 702516

Client Sample ID: 17
Prep Type: Total/NA
Prep Batch: 699121

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.0761	U	0.1431		0.0874	1.00	0.115	pCi/L	0.44	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	78.6		30 - 110							

Lab Sample ID: MB 160-699303/1-A
Matrix: Water
Analysis Batch: 702704

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 699303

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02736	U	0.0786	0.0786	1.00	0.143	pCi/L	01/21/25 08:27	02/12/25 07:30	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	84.4		30 - 110							

Lab Sample ID: LCS 160-699303/2-A
Matrix: Water
Analysis Batch: 702704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 699303

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	9.783		1.02	1.00	0.111	pCi/L	102	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	89.5		30 - 110						

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
1845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
Job ID: 500-262718-2
SDG: HEN_000_RAD

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 500-262718-25 MS
Matrix: Water
Analysis Batch: 702690

Client Sample ID: 21R
Prep Type: Total/NA
Prep Batch: 699303

Analyte	Sample	Sample	Spike	MS	MS	Total	RL	MDC	Unit	%Rec	%Rec		
	Result	Qual		Added	Result	Qual							
Radium-226	0.619		9.56	10.62		1.12	1.00	0.122	pCi/L	105	60 - 140		
Carrier	MS %Yield	MS Qualifier	Limits										
Ba Carrier	79.8		30 - 110										

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 702690

Client Sample ID: 21R
Prep Type: Total/NA
Prep Batch: 699303

Analyte	Sample	Sample	Spike	MSD	MSD	Total	RL	MDC	Unit	%Rec	%Rec	RER	RER
	Result	Qual	Added	Result	Qual	Uncert. (2σ+/-)					Limits		Limit
Radium-226	0.619		9.55	10.49		1.11	1.00	0.142	pCi/L	103	60 - 140	0.06	1
Carrier	MSD	MSD	Limits										
Ba Carrier	%Yield	Qualifier											
	79.1		30 - 110										

Lab Sample ID: MB 160-699305/1-A
Matrix: Water
Analysis Batch: 702690

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 699305

			Count	Total						
	MB	MB	Uncert.	Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.05219	U	0.0734	0.0736	1.00	0.124	pCi/L	01/21/25 08:34	02/12/25 07:44	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					01/21/25 08:34	02/12/25 07:44	1

Lab Sample ID: LCS 160-699305/2-A
Matrix: Water
Analysis Batch: 702690

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 699305

				Total									
Analyte			Spike Added	LCS Result	LCS Qual	Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	9.137		0.991	1.00	0.162	pCi/L	95	75 - 125		
				LCS	LCS								
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	91.6		30 - 110										

Lab Sample ID: 500-262718-38 MS
Matrix: Water
Analysis Batch: 702704

Client Sample ID: 49
Prep Type: Total/NA
Prep Batch: 699305

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.111		9.56	8.919		0.969	1.00	0.114	pCi/L	92	60 - 140		

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
1845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 500-262718-38 MS
Matrix: Water
Analysis Batch: 702704

Client Sample ID: 49
Prep Type: Total/NA
Prep Batch: 699305

	MS	MS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	88.3		30 - 110

Lab Sample ID: 500-262718-38 MSD
Matrix: Water
Analysis Batch: 702704

Client Sample ID: 49
Prep Type: Total/NA
Prep Batch: 699305

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	0.111		9.55	8.877		0.969	1.00	0.159	pCi/L	92	60 - 140	0.02	1
	MSD	MSD											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	88.0		30 - 110										

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-698835/1-A
Matrix: Water
Analysis Batch: 700383

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 698835

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1078	U	0.347	0.348	1.00	0.621	pCi/L	01/17/25 08:59	01/29/25 12:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					01/17/25 08:59	01/29/25 12:19	1
Y Carrier	86.4		30 - 110					01/17/25 08:59	01/29/25 12:19	1

Lab Sample ID: LCS 160-698835/2-A
Matrix: Water
Analysis Batch: 700383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 698835

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	8.14	9.888		1.40	1.00	0.628	pCi/L	122	75 - 125		
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	81.9		30 - 110								
Y Carrier	84.1		30 - 110								

Lab Sample ID: MB 160-698837/1-A
Matrix: Water
Analysis Batch: 700295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 698837

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.08901	U	0.375	0.375	1.00	0.712	pCi/L	01/17/25 09:04	01/29/25 12:18	1

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
Job ID: 500-262718-2
SDG: HEN_000_RAD

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-698837/1-A
Matrix: Water
Analysis Batch: 700295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 698837

	MB	MB				
Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110	01/17/25 09:04	01/29/25 12:18	1
Y Carrier	85.2		30 - 110	01/17/25 09:04	01/29/25 12:18	1

Lab Sample ID: LCS 160-698837/2-A
Matrix: Water
Analysis Batch: 700383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 698837

		Spike	LCS	LCS	Total							
Analyte		Added	Result	Qual	Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	Limits		
Radium-228		8.14	10.74		1.63	1.00	0.756	pCi/L	132	75 - 125		

		LCS	LCS			
Carrier	%Yield	Qualifier	Limits			
Ba Carrier	89.3		30 - 110			
Y Carrier	77.4		30 - 110			

Lab Sample ID: MB 160-699122/1-A
Matrix: Water
Analysis Batch: 700691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 699122

		MB	MB	Count	Total							
Analyte	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac		
Radium-228	0.7946		0.387	0.394	1.00	0.516	pCi/L	01/20/25 08:51	01/30/25 11:44	1		

	MB	MB				
Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110	01/20/25 08:51	01/30/25 11:44	1
Y Carrier	80.4		30 - 110	01/20/25 08:51	01/30/25 11:44	1

Lab Sample ID: LCS 160-699122/2-A
Matrix: Water
Analysis Batch: 700691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 699122

		Spike	LCS	LCS	Total							
Analyte		Added	Result	Qual	Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	Limits		
Radium-228		8.14	11.23		1.53	1.00	0.635	pCi/L	138	75 - 125		

		LCS	LCS			
Carrier	%Yield	Qualifier	Limits			
Ba Carrier	81.4		30 - 110			
Y Carrier	78.1		30 - 110			

Lab Sample ID: 500-262718-13 DU
Matrix: Water
Analysis Batch: 700693

Client Sample ID: 17
Prep Type: Total/NA
Prep Batch: 699122

Analyte	Sample Result	Sample Qual	Total							
			DU Result	DU Qual	Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.835		1.070		0.481	1.00	0.630	pCi/L	0.27	1

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 500-262718-13 DU
Matrix: Water
Analysis Batch: 700693

Client Sample ID: 17
Prep Type: Total/NA
Prep Batch: 699122

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	78.6		30 - 110
Y Carrier	81.9		30 - 110

Lab Sample ID: MB 160-699304/1-A
Matrix: Water
Analysis Batch: 700900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 699304

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3315	U	0.381	0.382	1.00	0.625	pCi/L	01/21/25 08:32	01/31/25 11:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					01/21/25 08:32	01/31/25 11:38	1
Y Carrier	74.4		30 - 110					01/21/25 08:32	01/31/25 11:38	1

Lab Sample ID: LCS 160-699304/2-A
Matrix: Water
Analysis Batch: 700900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 699304

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.13	11.44		1.53	1.00	0.593	pCi/L	141	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	89.5		30 - 110						
Y Carrier	77.0		30 - 110						

Lab Sample ID: 500-262718-25 MS
Matrix: Water
Analysis Batch: 700902

Client Sample ID: 21R
Prep Type: Total/NA
Prep Batch: 699304

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	0.390	U	8.11	9.570		1.38	1.00	0.629	pCi/L	113	60 - 140
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	79.8		30 - 110								
Y Carrier	80.4		30 - 110								

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 700902

Client Sample ID: 21R
Prep Type: Total/NA
Prep Batch: 699304

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	Limit
Radium-228	0.390	U	8.11	11.89	F1	1.63	1.00	0.668	pCi/L	142	60 - 140	0.77	1

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 500-262718-25 MSD
Matrix: Water
Analysis Batch: 700902

Client Sample ID: 21R
Prep Type: Total/NA
Prep Batch: 699304

	MSD	MSD	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	79.1		30 - 110
Y Carrier	76.6		30 - 110

Lab Sample ID: MB 160-699308/1-A
Matrix: Water
Analysis Batch: 701662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 699308

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2021	U	0.313	0.313	1.00	0.531	pCi/L	01/21/25 08:38	02/05/25 11:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					01/21/25 08:38	02/05/25 11:19	1
Y Carrier	86.0		30 - 110					01/21/25 08:38	02/05/25 11:19	1

Lab Sample ID: LCS 160-699308/2-A
Matrix: Water
Analysis Batch: 701662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 699308

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.12	8.719		1.20	1.00	0.501	pCi/L	107	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	91.6		30 - 110						
Y Carrier	85.2		30 - 110						

Lab Sample ID: 500-262718-38 MS
Matrix: Water
Analysis Batch: 701662

Client Sample ID: 49
Prep Type: Total/NA
Prep Batch: 699308

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	0.351	U	8.11	8.990		1.24	1.00	0.498	pCi/L	107	60 - 140
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	88.3		30 - 110								
Y Carrier	84.5		30 - 110								

Lab Sample ID: 500-262718-38 MSD
Matrix: Water
Analysis Batch: 701662

Client Sample ID: 49
Prep Type: Total/NA
Prep Batch: 699308

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	Limit
Radium-228	0.351	U	8.10	9.761		1.33	1.00	0.585	pCi/L	116	60 - 140	0.30	1

Eurofins Chicago

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
1845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 500-262718-38 MSD
Matrix: Water
Analysis Batch: 701662

Client Sample ID: 49
Prep Type: Total/NA
Prep Batch: 699308

Carrier	MSD		Limits
	%Yield	Qualifier	
Ba Carrier	88.0		30 - 110
Y Carrier	84.9		30 - 110

1

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Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 03R

Date Collected: 01/14/25 09:15

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			698833	OGC	EET SL	01/17/25 08:55
Total/NA	Analysis	903.0		1	702279	CMM	EET SL	02/10/25 17:23
Total/NA	Prep	PrecSep_0			698835	OGC	EET SL	01/17/25 08:59
Total/NA	Analysis	904.0		1	700385	SWS	EET SL	01/29/25 12:32
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:46

Client Sample ID: 03R_FD

Date Collected: 01/14/25 09:20

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			698833	OGC	EET SL	01/17/25 08:55
Total/NA	Analysis	903.0		1	702279	CMM	EET SL	02/10/25 17:23
Total/NA	Prep	PrecSep_0			698835	OGC	EET SL	01/17/25 08:59
Total/NA	Analysis	904.0		1	700385	SWS	EET SL	01/29/25 12:32
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 08&D

Date Collected: 01/14/25 13:45

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			698833	OGC	EET SL	01/17/25 08:55
Total/NA	Analysis	903.0		1	702279	CMM	EET SL	02/10/25 17:23
Total/NA	Prep	PrecSep_0			698835	OGC	EET SL	01/17/25 08:59
Total/NA	Analysis	904.0		1	700385	SWS	EET SL	01/29/25 12:32
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 18&D

Date Collected: 01/14/25 10:41

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			698833	OGC	EET SL	01/17/25 08:55
Total/NA	Analysis	903.0		1	702279	CMM	EET SL	02/10/25 17:23
Total/NA	Prep	PrecSep_0			698835	OGC	EET SL	01/17/25 08:59
Total/NA	Analysis	904.0		1	700385	SWS	EET SL	01/29/25 12:32
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 18#S

Date Collected: 01/14/25 12:10

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			698836	OGC	EET SL	01/17/25 09:01
Total/NA	Analysis	903.0		1	702280	CMM	EET SL	02/10/25 17:21
Total/NA	Prep	PrecSep_0			698837	OGC	EET SL	01/17/25 09:04
Total/NA	Analysis	904.0		1	700295	FLC	EET SL	01/29/25 12:17
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 27

Date Collected: 01/14/25 16:30

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			698836	OGC	EET SL	01/17/25 09:01
Total/NA	Analysis	903.0		1	702486	SWS	EET SL	02/11/25 14:37
Total/NA	Prep	PrecSep_0			698837	OGC	EET SL	01/17/25 09:04
Total/NA	Analysis	904.0		1	700295	FLC	EET SL	01/29/25 12:17
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 45#S

Date Collected: 01/14/25 14:10

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			698836	OGC	EET SL	01/17/25 09:01
Total/NA	Analysis	903.0		1	702486	SWS	EET SL	02/11/25 14:37
Total/NA	Prep	PrecSep_0			698837	OGC	EET SL	01/17/25 09:04
Total/NA	Analysis	904.0		1	700295	FLC	EET SL	01/29/25 12:17
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 54

Date Collected: 01/14/25 15:30

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			698836	OGC	EET SL	01/17/25 09:01
Total/NA	Analysis	903.0		1	702486	SWS	EET SL	02/11/25 14:38
Total/NA	Prep	PrecSep_0			698837	OGC	EET SL	01/17/25 09:04
Total/NA	Analysis	904.0		1	700295	FLC	EET SL	01/29/25 12:17
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 54_FD

Date Collected: 01/14/25 15:40

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			698836	OGC	EET SL	01/17/25 09:01
Total/NA	Analysis	903.0		1	702486	SWS	EET SL	02/11/25 14:38
Total/NA	Prep	PrecSep_0			698837	OGC	EET SL	01/17/25 09:04
Total/NA	Analysis	904.0		1	700295	FLC	EET SL	01/29/25 12:17
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 13

Date Collected: 01/15/25 14:05

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699121	OGC	EET SL	01/20/25 08:44
Total/NA	Analysis	903.0		1	702516	CMM	EET SL	02/11/25 14:45
Total/NA	Prep	PrecSep_0			699122	OGC	EET SL	01/20/25 08:51
Total/NA	Analysis	904.0		1	700691	FLC	EET SL	01/30/25 11:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 17

Date Collected: 01/15/25 12:20

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699121	OGC	EET SL	01/20/25 08:44
Total/NA	Analysis	903.0		1	702516	CMM	EET SL	02/11/25 14:45
Total/NA	Prep	PrecSep_0			699122	OGC	EET SL	01/20/25 08:51
Total/NA	Analysis	904.0		1	700691	FLC	EET SL	01/30/25 11:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 22

Date Collected: 01/15/25 08:45

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699121	OGC	EET SL	01/20/25 08:44
Total/NA	Analysis	903.0		1	702516	CMM	EET SL	02/11/25 14:46
Total/NA	Prep	PrecSep_0			699122	OGC	EET SL	01/20/25 08:51
Total/NA	Analysis	904.0		1	700693	FLC	EET SL	01/30/25 11:56
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 22&D

Date Collected: 01/15/25 09:40

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699121	OGC	EET SL	01/20/25 08:44
Total/NA	Analysis	903.0		1	702516	CMM	EET SL	02/11/25 14:46
Total/NA	Prep	PrecSep_0			699122	OGC	EET SL	01/20/25 08:51
Total/NA	Analysis	904.0		1	700693	FLC	EET SL	01/30/25 11:56
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 32

Date Collected: 01/15/25 16:10

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699121	OGC	EET SL	01/20/25 08:44
Total/NA	Analysis	903.0		1	702516	CMM	EET SL	02/11/25 14:46
Total/NA	Prep	PrecSep_0			699122	OGC	EET SL	01/20/25 08:51
Total/NA	Analysis	904.0		1	700693	FLC	EET SL	01/30/25 11:57
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 34

Date Collected: 01/15/25 14:50

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699121	OGC	EET SL	01/20/25 08:44
Total/NA	Analysis	903.0		1	702516	CMM	EET SL	02/11/25 14:46
Total/NA	Prep	PrecSep_0			699122	OGC	EET SL	01/20/25 08:51
Total/NA	Analysis	904.0		1	700693	FLC	EET SL	01/30/25 11:57
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 47

Date Collected: 01/15/25 11:35

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699121	OGC	EET SL	01/20/25 08:44
Total/NA	Analysis	903.0		1	702492	SWS	EET SL	02/11/25 16:59
Total/NA	Prep	PrecSep_0			699122	OGC	EET SL	01/20/25 08:51
Total/NA	Analysis	904.0		1	700693	FLC	EET SL	01/30/25 11:57
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 52

Date Collected: 01/15/25 12:45

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699121	OGC	EET SL	01/20/25 08:44
Total/NA	Analysis	903.0		1	702492	SWS	EET SL	02/11/25 16:59
Total/NA	Prep	PrecSep_0			699122	OGC	EET SL	01/20/25 08:51
Total/NA	Analysis	904.0		1	700693	FLC	EET SL	01/30/25 11:57
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 21R

Date Collected: 01/16/25 14:00

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:42
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700902	FLC	EET SL	01/31/25 11:49
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 35

Date Collected: 01/16/25 11:15

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:43
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700902	FLC	EET SL	01/31/25 11:49
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 35_FD

Date Collected: 01/16/25 11:20

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:42
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700902	FLC	EET SL	01/31/25 11:49
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 46

Lab Sample ID: 500-262718-29

Date Collected: 01/16/25 12:35

Matrix: Water

Date Received: 01/17/25 12:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:43
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700902	FLC	EET SL	01/31/25 11:49
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:50

Client Sample ID: 50

Lab Sample ID: 500-262718-31

Date Collected: 01/16/25 15:20

Matrix: Water

Date Received: 01/17/25 12:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:43
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700902	FLC	EET SL	01/31/25 11:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Client Sample ID: 51

Lab Sample ID: 500-262718-32

Date Collected: 01/16/25 09:55

Matrix: Water

Date Received: 01/17/25 12:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:43
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700902	FLC	EET SL	01/31/25 11:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Client Sample ID: 07

Lab Sample ID: 500-262718-33

Date Collected: 01/17/25 07:10

Matrix: Water

Date Received: 01/17/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:43
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700902	FLC	EET SL	01/31/25 11:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 08

Lab Sample ID: 500-262718-34

Date Collected: 01/17/25 08:10

Matrix: Water

Date Received: 01/17/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:43
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700901	FLC	EET SL	01/31/25 11:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Client Sample ID: 16

Lab Sample ID: 500-262718-35

Date Collected: 01/17/25 09:05

Matrix: Water

Date Received: 01/17/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:43
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700901	FLC	EET SL	01/31/25 11:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Client Sample ID: 16_FD

Lab Sample ID: 500-262718-36

Date Collected: 01/17/25 09:10

Matrix: Water

Date Received: 01/17/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:43
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700901	FLC	EET SL	01/31/25 11:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Client Sample ID: 23

Lab Sample ID: 500-262718-37

Date Collected: 01/17/25 10:45

Matrix: Water

Date Received: 01/17/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699303	OGC	EET SL	01/21/25 08:27
Total/NA	Analysis	903.0		1	702690	SWS	EET SL	02/12/25 07:43
Total/NA	Prep	PrecSep_0			699304	OGC	EET SL	01/21/25 08:32
Total/NA	Analysis	904.0		1	700901	FLC	EET SL	01/31/25 11:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
SDG: HEN_000_RAD

Client Sample ID: 49

Lab Sample ID: 500-262718-38

Date Collected: 01/17/25 10:00

Matrix: Water

Date Received: 01/17/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699305	OGC	EET SL	01/21/25 08:34
Total/NA	Analysis	903.0		1	702704	SWS	EET SL	02/12/25 09:15
Total/NA	Prep	PrecSep_0			699308	OGC	EET SL	01/21/25 08:38
Total/NA	Analysis	904.0		1	701662	SWS	EET SL	02/05/25 11:19
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Client Sample ID: FB

Lab Sample ID: 500-262718-39

Date Collected: 01/17/25 10:00

Matrix: Water

Date Received: 01/17/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			699305	OGC	EET SL	01/21/25 08:34
Total/NA	Analysis	903.0		1	702704	SWS	EET SL	02/12/25 09:15
Total/NA	Prep	PrecSep_0			699308	OGC	EET SL	01/21/25 08:38
Total/NA	Analysis	904.0		1	701662	SWS	EET SL	02/05/25 11:19
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
Q1-25 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Job ID: 590-262718-2
JEN-24-590-
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	11-30-25

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
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228
Ra226_Ra228 Pos		Water	Radium 226 and 228

ATTACHMENT B.
 1. QUARTERLY REPORT - QUARTER 1, 2025
 HENNEPIN POWER PLANT WEST ASH POND SYSTEM
 500-702799
 HEN-845-804

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500-262718 COC

Page 1 of 4

Section C

Invoice Information:

Company: <u>Vistra Corp-Hennepin</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Brian Voelker</u>		REGULATORY AGENCY		
Address: <u>13498 E 800th St</u>		Copy To: <u>Sam Davies samantha.davies@vistracorp.com</u>		Company Name: <u>Vistra Corp</u>				
<u>Hennepin, IL 61327</u>		<u>Jason Stuckey & Michael Olle</u>		Address: <u>see Section A</u>		NPDES	GROUND WATER	DRINKING WATER
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No. <u>michael.olle@vistracorp.com</u>		Quote Reference:		UST	RCRA	OTHER
Phone: <u>(217) 753-8911</u>	Fax:	Project Name: <u>Jason.Stuckey@vistracorp.com</u>		Project Manager:		Site Location	IL	
Requested Due Date/TAT: <u>10 day</u>		Project Number: <u>50024191</u>		Profile #:				

[illegible]

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CHAIN-OF-CUSTODY / Analytical Request Document

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ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

500-262719

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page 3 of 4	
Company: <u>Vistra Corp-Hennepin</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Brian Voelker</u>		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: <u>IL</u> STATE: <u>IL</u>	
Address: <u>13498 E 800th St</u>		Copy To: <u>Sam Davies samantha.davies@visstracorp.com</u>		Company Name: <u>Vistra Corp</u>			
<u>Hennepin, IL 61327</u>		<u>Jason Stuckey & Michael Olle</u>		Address: <u>see Section A</u>			
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No. <u>michael.olle@visstracorp.com</u>		Quote Reference:			
Phone: <u>(217) 753-8911</u> Fax:		Project Name: <u>Jason.Stuckey@visstracorp.com</u>		Project Manager:			
Requested Due Date/TAT: <u>10 day</u>		Project Number: <u>50024191</u>		Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		HEN-000	HEN-000-RAD	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
HEN-25Q1 Rev 0		George Asally ASE		1/16/25	0300	George Asally ASE		1/16/25	1020				
		George Asally ASE		1/16/25	1213	Stephanie Hernandez EETA		1/16/25	1217				
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 George Asally ASE													
SIGNATURE of SAMPLER [Signature] DATE Signed (MM/DD/YY) 1/16/25													

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Page 4 of 4

Invoice Information:

REGULATORY AGENCY

GROUND WATER

DRINKING WATER

UST

RCRA

OTHER

Site Location

STATE-

12

Requested Analysis Filtered (Y/N)

Project No./ Lab I.D.

SHORT HOLD - NO2

BTEX Only

BTEX Only

SAMPLE CONDITIONS

HEN-25Q1 Rev 0

RELINQUISHED BY / AFFILIATION

DATE _____

TIME

ACCEPTED BY / AFFILIATION

DATE _____

TIME

SAMPLE CONDITIONS

George Assallam / ABE

1/16/25

0300

[Signature]

11/16/25

1020

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER

DATE Signed
(MM/DD/YY)

1/16/25

Temp in °C

Received on

Custody
Sealed Cooler
(N/A)

Samples
Intact (Y/N)

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Invoice information:

Page 1 of 4

未だ

REGULATORY AGENCY		
NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER
Site Location STATE	IL	

23
24

1/17/25

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
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Section C
Invoice Information:

Page 2 of 4

Company:	Vistra Corp-Hennepin	Report To:	Brian Voelker	Attention:	Brian Voelker			
Address:	13498 E 800th St	Copy To:	Sam Davies samantha.davies@vistracorp.com	Company Name:	Vistra Corp	REGULATORY AGENCY		
	Hennepin, IL 61327		Jason Stuckey & Michael Olle	Address:	see Section A	NPDES	GROUND WATER	DRINKING WATER
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	michael.olle@vistracorp.com	Quote Reference:		UST	RCRA	OTHER
Phone:	(217) 753-8911	Fax:		Project Name:	Jason.Stuckey@vistracorp.com	Site Location:		
				Project Manager:		STATE	IL	
				Profile #:				
	Requested Due Date/TAT		10 day	Project Number:	50024191			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.				
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	Analysis Test ↓	HEN-000	HEN-000-RAD	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
1		21R			1/16/25	1400												H	X							X		X		MS/MSD		
2		22																H	X							X		X				
3		22&D																H	X							X		X				
4		23																H	X							X		X				
5		25																J								X				DTW Only		
6		26																J								X				DTW Only		
7		27																H	X							X		X				
8		30																J								X				DTW Only		
9		31																J								X				DTW Only		
10		32																H	X							X		X				
11		33																J								X				DTW Only		
12		34																H	X							X		X				
13		35			1/16/25	1115												H	X							X		X				
14		35 FD			1/16/25	1120												H	X							X		X				
15		36																J								X				DTW Only		
16		40#S			1/16/25	1040												E		X						X				SHORT HOLD - NO2		
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																			
HEN-25Q1 Rev 0			George Avalon/AJE			1/17/25	0800	[Signature]			1/17/25	1027																				
			[Signature]			1/17/25	1224	[Signature]			1/17/25	1224																				

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	George Assalley				
SIGNATURE of SAMPLER	 DATE Signed (MM/DD/YY) 1/17/25				

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

Section C
Invoice Information:

Company: Vistra Corp-Hennepin		Report To: Brian Voelker	Attention: Brian Voelker			
Address: 13498 E 800th St		Copy To: Sam Davies samantha.davies@vistracorp.com	Company Name: Vistra Corp	REGULATORY AGENCY		
Hennepin, IL 61327		Jason Stuckey & Michael Olle	Address: see Section A	NPDES	GROUND WATER	DRINKING WATER
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No. michael.olle@vistracorp.com	Quote Reference:	UST	RCRA	OTHER
Phone: (217) 753-8911	Fax:	Project Name: Jason.Stuckey@vistracorp.com	Project Manager:	Site Location		
Requested Due Date/TAT 10 day		Project Number: 50024191	Profile #:	STATE	IL	

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on (mm/yy)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER <i>George Asaally</i>					
SIGNATURE of SAMPLER: <i>George Asaally</i>	DATE Signed (MM/DD/YY) <i>11/17/25</i>				

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500-262718



page 1 of 4

500-262718 COC

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN 845-804

~~HEN-845-804~~

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company	Vistra Corp-Hennepin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address	13498 E 800th St Hennepin, IL 61327	Copy To:	Sam Davies samantha.davies@vistracorp.com	Company Name:	Vistra Corp
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No	michael.olle@vistracorp.com	Address	see Section A
Phone:	(217) 763-8911	Project Name:	Jason.Stuckey@vistracorp.com	Quote Reference:	
Fax		Project Manager:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	50024191	Profile #:	

Section D Required Client Information						Requested Analysis Filtered (Y/N)																
ITEM #	Valid Matrix Codes MATRIX DRINKING WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISSUE	Valid Matrix Codes CODE DW WW P SL OL WP AR TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		# OF CONTAINERS	Preservatives Unpreserved H ₂ SO ₄ HNO ₃ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other	Y/N ↓	HEN-000-RAD	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	Residual Chlorine (Y/N)	Project No./ Lab I.D.
					DATE	TIME																
1		02								A									X		SHORT HOLD - NO2	
2		03R							B	X						X			X		SHORT HOLD - NO2	
3		03R FD							B	X						X			X		SHORT HOLD - NO2	
4		05BR							E						X						SHORT HOLD - NO2	
5		05IR							E	X					X						SHORT HOLD - NO2	
6		07			11-25-0710				B	X	X	X	X		X				X		SHORT HOLD - NO2	
7		08			1-17-25 0810				C	X	X	X	X		X				X		SHORT HOLD - NO2	
8		08&D							C	X	X	X	X		X				X		SHORT HOLD - NO2	
9		10							D										X		SHORT HOLD - NO2	
10		42							F	X			X		X						SHORT HOLD - NO2	
11		13							F	X			X		X						SHORT HOLD - NO2	
12		16			1-17-25 0905				G	X	X		X		X							
13		16 FD			1-17-25 0910				G	X	X		X		X							
14		17							G	X	X		X									
15		18&D							B	X		X							X		SHORT HOLD - NO2	
16		18HS							B	X		X							X		SHORT HOLD - NO2	

Additional Comments

HEN-25Q1 Rev 0

Relinquished By / Affiliation

Cornet Fikeny

Date

1/25

Accepted By / Affiliation

Supervisor Hammond FEIA

Date

1/25

Time

1400

Sample Conditions

11/25 1400

5.8+5.7, 4.6+4.5, ~~2.0+2.1~~ 11/12/25
2.0+1.9 5H

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER	
SIGNATURE of SAMPLER	
DATE Signed (MM/DD/YY)	

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
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500-262718

Page 3 of 4

Page 3 of 4Page 3 of 4

STREET ADDRESS TO SUPPLY MAILING LABEL

dbn 01/17/2025

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A
Required Client Information:

Company: Vistra Corp-Hennepin

Address: 13498 E 800th St
Hennepin, IL 61327

Email To: Brian.Voelker@VistraCorp.com

Phone: (217) 753-8911 Fax: _____

Requested Due Date/TAT: 10 day

Section B
Report To: Brian Voelker

Copy To: Sam Davies samantha.davies@vistracorp.com

Jason Stuckey & Michael Oile

Purchase Order No. michael.oile@vistracorp.com

Project Name: Jason.Stuckey@vistracorp.com

Project Number: 50024191

Section C
Invoice Information:

Attention: Brian Voelker

Company Name: Vistra Corp

Address: see Section A

Quote Reference: _____

Project Manager: _____

Profile #: _____

Section D
Valid Matrix Codes

Matrix Codes: DW, DRINKING WATER, WT, WASTE WATER, PRODUCT, SOLID, OIL, WIFE, AIR, OTHER, OT, TS

Section E
Requested Analysis Filtered (Y/N)

Item #	Sample ID (A-Z, 0-9 /)	Sample ID's MUST BE UNIQUE	Matrix Code	Sample Type (G=GRAB, C=COMP)	Collected Date	Collected Time	Sample Temp at Collection	# of Containers	Preservatives	Analysis Test	Y/N	Requested Analysis Filtered (Y/N)	Project No./Lab ID
1	FB				1-17-25	1000			Unpreserved				
2	TB1				1-17-25	1000			H2SO4				
3	TB2				1-17-25	1000			HNO3				
4									HCl				
5									NaOH				
6									Na2S2O3				
7									Methanol				
8									Other				
9													
10													
11													
12													
13													
14													
15													
16													

Section F
Relinquished By / Affiliation

Signature: [Signature] Date: 1-17-25 Time: 1000

Section G
Additional Comments

HEN-25Q1 Rev 0

Section H
Temp in °C

Received on: _____ Custody (Y/N): _____ Sealed Cooler (Y/N): _____ Samples Intact (Y/N): _____

Section I
Sampler Name and Signature

Print Name of Sampler: _____ Signature of Sampler: _____

Section J
Date Signed (MM/DD/YYYY)

DATE SIGNED: _____

Sampler is the same as relinquished by, as on page 1.

dbn 01/17/2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-262718-2
SDG Number: HEN_000_RAD

Login Number: 262718

List Number: 1

Creator: Scott, Sherri L

List Source: Eurofins Chicago

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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2,0.1,1.2,2.6,3.2,3.9,2.2,4.8,2.8,5.7,4.5,1.9
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.	False	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-262718-2
SDG Number: HEN_000_RAD

Login Number: 262718

List Number: 3

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 01/16/25 12:43 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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-262718-2
SDG Number: HEN_000_RAD

Login Number: 262718

List Number: 5

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 01/17/25 01:00 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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-262718-2
SDG Number: HEN_000_RAD

Login Number: 262718

List Number: 7

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 01/20/25 12:50 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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Tracer/Carrier Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-262718-2
SDG: HEN_000_RAD

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba					
Lab Sample ID	Client Sample ID	(30-110)					
500-262718-2	03R	88.5					
500-262718-3	03R_FD	82.7					
500-262718-4	08&D	94.1					
500-262718-5	18&D	81.1					
500-262718-6	18#S	86.7					
500-262718-7	27	73.5					
500-262718-8	45#S	87.0					
500-262718-9	54	94.6					
500-262718-10	54_FD	97.2					
500-262718-12	13	83.4					
500-262718-13	17	85.5					
500-262718-13 DU	17	78.6					
500-262718-14	22	74.5					
500-262718-15	22&D	78.3					
500-262718-16	32	81.1					
500-262718-17	34	78.6					
500-262718-18	47	77.8					
500-262718-19	52	73.5					
500-262718-25	21R	87.5					
500-262718-25 MS	21R	79.8					
500-262718-25 MSD	21R	79.1					
500-262718-26	35	78.3					
500-262718-27	35_FD	80.4					
500-262718-29	46	75.8					
500-262718-31	50	72.7					
500-262718-32	51	84.2					
500-262718-33	07	94.4					
500-262718-34	08	92.1					
500-262718-35	16	82.7					
500-262718-36	16_FD	73.5					
500-262718-37	23	80.4					
500-262718-38	49	89.3					
500-262718-38 MS	49	88.3					
500-262718-38 MSD	49	88.0					
500-262718-39	FB	85.5					
LCS 160-698833/2-A	Lab Control Sample	81.9					
LCS 160-698836/2-A	Lab Control Sample	89.3					
LCS 160-699121/2-A	Lab Control Sample	81.4					
LCS 160-699303/2-A	Lab Control Sample	89.5					
LCS 160-699305/2-A	Lab Control Sample	91.6					
MB 160-698833/1-A	Method Blank	81.1					
MB 160-698836/1-A	Method Blank	88.3					
MB 160-699121/1-A	Method Blank	83.2					
MB 160-699303/1-A	Method Blank	84.4					
MB 160-699305/1-A	Method Blank	90.8					

Tracer/Carrier Legend

Ba = Ba Carrier

Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q1

Job ID: 500-262718-2
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 (30-110)	Y (30-110)
500-262718-2	03R	88.5	82.2
500-262718-3	03R_FD	82.7	84.9
500-262718-4	08&D	94.1	84.9
500-262718-5	18&D	81.1	89.0
500-262718-6	18#S	86.7	79.6
500-262718-7	27	73.5	80.4
500-262718-8	45#S	87.0	81.1
500-262718-9	54	94.6	80.7
500-262718-10	54_FD	97.2	83.0
500-262718-12	13	83.4	78.1
500-262718-13	17	85.5	80.4
500-262718-13 DU	17	78.6	81.9
500-262718-14	22	74.5	78.5
500-262718-15	22&D	78.3	77.4
500-262718-16	32	81.1	77.4
500-262718-17	34	78.6	78.5
500-262718-18	47	77.8	84.5
500-262718-19	52	73.5	71.4
500-262718-25	21R	87.5	74.4
500-262718-25 MS	21R	79.8	80.4
500-262718-25 MSD	21R	79.1	76.6
500-262718-26	35	78.3	82.6
500-262718-27	35_FD	80.4	77.4
500-262718-29	46	75.8	70.3
500-262718-31	50	72.7	70.7
500-262718-32	51	84.2	74.0
500-262718-33	07	94.4	79.3
500-262718-34	08	92.1	78.9
500-262718-35	16	82.7	71.4
500-262718-36	16_FD	73.5	70.3
500-262718-37	23	80.4	71.4
500-262718-38	49	89.3	83.0
500-262718-38 MS	49	88.3	84.5
500-262718-38 MSD	49	88.0	84.9
500-262718-39	FB	85.5	83.7
LCS 160-698835/2-A	Lab Control Sample	81.9	84.1
LCS 160-698837/2-A	Lab Control Sample	89.3	77.4
LCS 160-699122/2-A	Lab Control Sample	81.4	78.1
LCS 160-699304/2-A	Lab Control Sample	89.5	77.0
LCS 160-699308/2-A	Lab Control Sample	91.6	85.2
MB 160-698835/1-A	Method Blank	81.1	86.4
MB 160-698837/1-A	Method Blank	88.3	85.2
MB 160-699122/1-A	Method Blank	83.2	80.4
MB 160-699304/1-A	Method Blank	84.4	74.4
MB 160-699308/1-A	Method Blank	90.8	86.0

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Eurofins Chicago

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION																	
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Project Number: _____			Task #: _____			Start Date: <u>1/16/2025</u>			Time: <u>1750</u>		
Field Personnel: <u>G. Assalery</u>			Finish Date: <u>1/16/2025</u>			Time: <u>1410</u>											
WELL INFORMATION						EVENT TYPE											
Well ID: <u>21R</u>						Well Development							Low Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>4234</u>		
Casing ID: _____ Inches						Well Volume Approach Sampling							(Specify): Low Flow		Heron Serial NO: <u>4650</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) m3% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity					
Pre	0	<u>1235</u> <u>1235</u>	<u>0</u>	<u>7.10</u>	—	—	—	—	—	—	—	—					
Purge	5	<u>1240</u> <u>1300</u>	<u>0.5</u>	<u>7.12</u>	—	<u>11.7</u>	<u>7.70</u>	<u>1.735</u>	<u>5.52</u>	<u>5.07</u>	<u>56.4</u>	<u>clear</u>					
↓	10	<u>1245</u> <u>1305</u>	<u>0.5</u>	<u>7.11</u>	—	<u>12.3</u>	<u>10.38</u>	<u>0.846</u>	<u>3.84</u>	<u>6.25</u>	<u>145.3</u>	<u>clear</u>					
↓	15	<u>1310</u>	<u>1</u>	<u>7.10</u>	—	<u>12.4</u>	<u>9.75</u>	<u>0.847</u>	<u>3.70</u>	<u>6.45</u>	<u>145.7</u>	<u>clear</u>					
*****	20	<u>1315</u>	<u>1</u>	<u>7.12</u>	—	<u>12.3</u>	<u>8.47</u>	<u>0.849</u>	<u>2.22</u>	<u>9.31</u>	<u>145.5</u>	↓					
↓	25	<u>1320</u>	<u>1.5</u>	<u>7.15</u>	—	<u>12.4</u>	<u>8.00</u>	<u>0.809</u>	<u>1.59</u>	<u>11.65</u>	<u>143.9</u>	↓					
↓	30	<u>1325</u>	<u>2</u>	<u>7.12</u>	—	<u>12.4</u>	<u>7.93</u>	<u>0.888</u>	<u>1.31</u>	<u>13.45</u>	<u>142.7</u>	↓					
↓	35	<u>1330</u>	<u>2.5</u>	<u>7.09</u>	—	<u>12.4</u>	<u>7.94</u>	<u>0.944</u>	<u>0.37</u>	<u>20.63</u>	<u>128.6</u>	↓					
↓	40	<u>1335</u>	<u>3</u>	<u>7.10</u>	—	<u>12.5</u>	<u>7.67</u>	<u>1.066</u>	<u>0.35</u>	<u>29.77</u>	<u>75.3</u>	↓					
↓	45	<u>1340</u>	<u>3.5</u>	<u>7.12</u>	—	<u>12.3</u>	<u>7.66</u>	<u>1.126</u>	<u>0.22</u>	<u>59.60</u>	<u>11.8</u>	↓					
↓	50	<u>1345</u>			—	<u>12.2</u>	<u>7.69</u>	<u>1.164</u>	<u>0.15</u>	<u>115.26</u>	<u>-27.1</u>	↓					
↓	55	<u>1350</u>			—	<u>12.1</u>	<u>7.68</u>	<u>1.165</u>	<u>0.12</u>	<u>121.42</u>	<u>-24.1</u>	↓					
↓	60	<u>1355</u>			—	<u>12.1</u>	<u>7.68</u>	<u>1.162</u>	<u>0.11</u>	<u>112.24</u>	<u>-22.2</u>	↓					
NOTES (continued)									ABBREVIATIONS								
Sample ID: <u>21R, 21R MS, 21R MSD</u> Sampled @ <u>1400</u> on <u>1/16/2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -				
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard				

21R Sampled @ 1400
21R MS
21R MSD

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION																	
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Project Number: _____			Task #: _____			Start Date: <u>1/15/2025</u>			Time: <u>0850</u>		
Field Personnel: <u>G. Asa</u>			Finish Date: <u>1/15/2025</u>			Time: _____											
WELL INFORMATION						EVENT TYPE											
Well ID: <u>22D</u>						Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>FA04224</u>							
Casing ID: _____ Inches						Well Volume Approach Sampling		(Specify): Low Flow		Heron Serial NO: <u>FA04650</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) m3% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity					
Pre	0	0900	—	20.61	—	—	—	—	—	—	—	—					
Purge	5	0905	0.5	20.60	—	12.9	7.41	2.092	2.72	12.10	-98.7	Clear					
↓	10	0910	1	20.59		12.9	7.40	2.100	1.76	9.78	-105.2	↓					
↓	15	0915	1	20.00		12.4	7.41	2.111	1.27	42.18	-109.7	↓					
*****	20	0920	1.5	20.57		12.3	7.41	2.111	1.19	40.68	-110.5	↓					
↓	25	0925	2	20.54		12.8	7.41	2.112	1.13	4.13	-111.5	↓					
↓	30	0930	2			12.9	7.40	2.114	1.00	4.36	-114.2	↓					
↓	35	0935	2			12.9	7.40	2.114	0.99	8.55	-114.9	↓					
Sample	40	0940															
	45																
	50																
	55																
	60																
NOTES (continued)									ABBREVIATIONS								
Sample ID: <u>0940</u> Sampled @ <u>22D</u> on <u>1/15/2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -				
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard				

22D sampled @ 0940

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION																	
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Project Number: _____			Task #: _____			Start Date: <u>1/15/2025</u>			Time: <u>0815</u>		
Field Personnel: <u>G. Assalmy</u>			Finish Date: <u>1/15/2025</u>			Time: <u>0900</u>											
WELL INFORMATION						EVENT TYPE											
Well ID: <u>22</u>						Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>FA04204</u>							
Casing ID: _____ Inches						Well Volume Approach Sampling		(Specify): <u>Low Flow</u>		Heron Serial NO: <u>FA1650</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) m3% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity					
Pre	0	0815	0.5	14.81	—	—	—	—	—	—	—	—					
Purge	5	0820	0.5	14.72	—	14.5	7.73	1.970	2.04	2.55	79.0	clear					
↓	10	0825	1	14.65	—	14.4	7.73	1.973	1.25	3.00	46.5	clear					
↓	15	0830	1	14.73	—	14.5	7.73	1.973	1.03	4.34	53.3	clear					
*****	20	0835	2	14.73	—	14.4	7.73	1.909	0.890	4.34	54.9	↓					
↓	25	0840	3	14.73	—	14.5	7.73	1.970	0.81	3.84	49.1	↓					
Sample	30	0845	—	19.63	—	—	—	—	—	—	—	—					
	35																
	40																
	45																
	50																
	55																
	60																
NOTES (continued)								ABBREVIATIONS									
Sample ID: <u>22</u> Sampled @ <u>0845</u> on <u>1/15/2025</u>								Cond. - Actual Conductivity					ORP - Oxidation-Reduction Potential SEC -				
								FT BTOC - Feet Below Top of Casing na -					Specific Electrical Conductance SU - Standard				

Hen-22 sampled @ 0845

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Project Number: _____		Task #: _____		Start Date: <u>1/17/2025</u>		Time: <u>1015</u>		
Field Personnel: <u>G. Assalmy</u>		Finish Date: <u>1/17/25</u>								Time: <u>1055</u>		
WELL INFORMATION						EVENT TYPE						
Well ID: <u>23</u>						Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>FA04540</u>		
Casing ID: _____ Inches						Well Volume Approach Sampling		(Specify): Low Flow		Heron Serial NO: <u>4650</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) m3% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1020	0.5	19.36	—	—	—	—	—	—	—	—
Purge	5	1025	0.5		—	12.8	7.44	1.233	0.57	3.45	127.9	Clear
↓	10	1030	1.5			12.9	7.47	1.235	0.19	3.36	125.5	↓
↓	15	1035	2			12.9	7.47	1.237	0.12	3.14	123.8	↓
*****	20	1040	2.5			12.9	7.47	1.233	0.11	3.13	123.2	↓
Sample	25	1045	—		—	—	—	—	—	—	—	—
	30											
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sample ID: <u>23</u> Sampled @ <u>1045</u> on <u>1/17/2025</u>								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -				
								FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard				

Hen 23 @ 1045

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION																	
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Project Number: _____			Task #: _____			Start Date: <u>1/14/2025</u>			Time: <u>1508</u>		
Field Personnel: <u>G. Assalluy</u>			Finish Date: <u>1/14/2025</u>			Time: _____											
WELL INFORMATION						EVENT TYPE											
Well ID: <u>27</u>						Well Development											
Casing ID: _____ Inches						Well Volume Approach Sampling											
						Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>FA0 4234</u>											
						(Specify): <u>Low Flow</u> Heron Serial NO: <u>4658</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) m3% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity					
Pre	0	<u>1540</u>		<u>5.29</u>													
Purge	5	<u>1545</u>		<u>5.30</u>		<u>11.1</u>	<u>7.41</u>	<u>2.054</u>	<u>7.37</u>	<u>9.32</u>	<u>35.2</u>	<u>Clear</u>					
↓	10	<u>1550</u>		<u>5.31</u>		<u>11.0</u>	<u>7.39</u>	<u>2.043</u>	<u>5.08</u>	<u>15.87</u>	<u>1.3</u>	<u>↓</u>					
↓	15	<u>1555</u>	<u>1.5</u>	<u>5.31</u>		<u>11.0</u>	<u>7.34</u>	<u>2.062</u>	<u>2.85</u>	<u>57.47</u>	<u>-26.5</u>	<u>↓</u>					
*****	20	<u>1600</u>	<u>2</u>	<u>5.32</u>		<u>10.6</u>	<u>7.34</u>	<u>2.064</u>	<u>2.20</u>	<u>51.10</u>	<u>-36.1</u>	<u>↓</u>					
↓	25	<u>1605</u>	<u>2</u>	<u>5.32</u>		<u>10.6</u>	<u>7.34</u>	<u>2.066</u>	<u>1.93</u>	<u>100.73</u>	<u>-40.7</u>	<u>↓</u>					
↓	30	<u>1610</u>	<u>2.5</u>	<u>5.33</u>		<u>10.6</u>	<u>7.33</u>	<u>2.080</u>	<u>1.59</u>	<u>138.72</u>	<u>-54.2</u>	<u>↓</u>					
↓	35	<u>1615</u>	<u>3</u>	<u>5.31</u>		<u>10.6</u>	<u>7.33</u>	<u>2.078</u>	<u>1.41</u>	<u>167.23</u>	<u>-55.6</u>	<u>↓</u>					
↓	40	<u>1620</u>	<u>3.5</u>	<u>5.32</u>		<u>10.5</u>	<u>7.32</u>	<u>2.082</u>	<u>1.29</u>	<u>173.42</u>	<u>-66.4</u>	<u>↓</u>					
↓	45	<u>1625</u>	<u>3.5</u>	<u>5.42</u>		<u>10.6</u>	<u>7.32</u>	<u>2.079</u>	<u>1.32</u>	<u>169.42</u>	<u>-59.0</u>	<u>↓</u>					
Sample	50	<u>1630</u>															
	55					<u>6A</u>											
	60																
NOTES (continued)									ABBREVIATIONS								
Sample ID: <u>27</u> Sampled @ <u>1630</u> on <u>1/14/2025</u>									Cond. - Actual Conductivity								
									FT BTOC - Feet Below Top of Casing na -								
									ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard								

Henn_27 @ 1630

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Project Number: _____		Task #: _____		Start Date: <u>1/15/2025</u>		Time: <u>1520</u>		
Field Personnel: <u>G. Arslanog</u>		Finish Date: <u>1/15/25</u>		Time: <u>1625</u>								
WELL INFORMATION					EVENT TYPE							
Well ID: <u>32</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>FA04234</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4656</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) m3% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1520	—	6.19	—	—	—	—	—	—	—	—
Purge	5	1545	—	6.20	—	9.6	7.25	2.176	5.11	48.75	87.2	Clear
↓	10	1550	—	6.21	—	9.9	7.22	2.193	2.31	47.53	87.5	↓
↓	15	1555	—	6.22	—	9.8	7.21	2.197	1.92	35.20	87.1	↓
*****	20	1600	—	6.26	—	9.9	7.21	2.194	1.46	34.14	86.5	↓
↓	25	1605	—	6.24	—	9.9	7.21	2.192	1.32	36.12	86.1	↓
Sample	30	1610	—	6.21	—	—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sample ID: <u>32</u> Sampled @ <u>1610</u> on <u>1/15/2025</u>								Cond. - Actual Conductivity				
								FT BTOC - Feet Below Top of Casing na -				
								ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard				

32 Sampled @ 1610

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Project Number: _____		Task #: _____		Start Date: <u>1/15/2025</u>		Time: <u>1400</u>		
Field Personnel: <u>G. Aschling</u>		Finish Date: <u>1/15/2025</u>		Time: <u>1505</u>								
WELL INFORMATION						EVENT TYPE						
Well ID: <u>34</u>						Well Development						
Casing ID: _____ Inches						Well Volume Approach Sampling						
						Low-Flow / Low-Stress Sampling Other YSI SERIAL NO: <u>FA04234</u>						
						(Specify): Low Flow Heron Serial NO: <u>4650</u>						
						<u>Gripump</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) m3% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	—	—	<u>8.32</u>	—	—	—	—	—	—	—	—
Purge	5	<u>1425</u>	<u>0</u>	<u>8.31</u>		<u>10.7</u>	<u>7.31</u>	<u>2.176</u>	<u>8.76</u>	<u>18.00</u>	<u>98.6</u>	<u>Clear</u>
↓	10	<u>1430</u>	<u>0.5</u>	<u>8.45</u>		<u>11.2</u>	<u>7.23</u>	<u>2.175</u>	<u>6.87</u>	<u>17.66</u>	<u>103.2</u>	↓
↓	15	<u>1435</u>	<u>0.5</u>	<u>8.52</u>		<u>11.0</u>	<u>7.20</u>	<u>2.219</u>	<u>3.01</u>	<u>18.05</u>	<u>-77.2</u>	↓
*****	20	<u>1440</u>	<u>1</u>			<u>11.0</u>	<u>7.19</u>	<u>2.220</u>	<u>2.97</u>	<u>17.99</u>	<u>-74.30</u>	↓
↓	25	<u>1445</u>				<u>10.9</u>	<u>7.19</u>	<u>2.225</u>	<u>2.92</u>	<u>17.87</u>	<u>-75.37</u>	↓
Sample	30	<u>1450</u>										
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sample ID: <u>34</u> Sampled @ <u>1450</u> on <u>1/15/2025</u>									Cond. - Actual Conductivity			
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

34

Sampled @ 1450

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Project Number: _____		Task #: _____		Start Date: <u>1/16/2025</u>		Time: <u>1020</u>		
Field Personnel: <u>G. Asberry</u>		Finish Date: <u>1/16/2025</u>		Time: _____								
WELL INFORMATION					EVENT TYPE							
Well ID: <u>35</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>4234</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4650</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) m3% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	<u>1025</u>	<u>0</u>	<u>9.46</u>								
Purge	5	<u>1030</u>	<u>0.5</u>	<u>9.50</u>		<u>11.3</u>	<u>7.00</u>	<u>2.816</u>	<u>5.40</u>	<u>34.0</u>	<u>80.5</u>	<u>Red</u>
<u>↓</u>	10	<u>1035</u>	<u>1</u>			<u>12.2</u>	<u>6.97</u>	<u>2.845</u>	<u>1.78</u>	<u>28.20</u>	<u>74.1</u>	<u>Red</u>
<u>↓</u>	15	<u>1040</u>	<u>1.5</u>			<u>12.2</u>	<u>6.97</u>	<u>2.844</u>	<u>1.63</u>	<u>23.40</u>	<u>82.5</u>	<u>↓</u>
*****	20	<u>1045</u>	<u>1.5</u>			<u>12.3</u>	<u>6.97</u>	<u>2.850</u>	<u>1.41</u>	<u>20.00</u>	<u>69.8</u>	<u>↓</u>
	25											
	30											
Purge	35	<u>1100</u>	<u>1.5</u>			<u>12.4</u>	<u>6.96</u>	<u>2.935</u>	<u>1.14</u>	<u>12.90</u>	<u>84.4</u>	<u>↓</u>
<u>↓</u>	40	<u>1105</u>	<u>2</u>	<u>9.45</u>		<u>12.5</u>	<u>6.96</u>	<u>2.940</u>	<u>1.05</u>	<u>11.92</u>	<u>86.9</u>	<u>↓</u>
<u>↓</u>	45	<u>1110</u>	<u>2.5</u>			<u>12.4</u>	<u>6.97</u>	<u>2.937</u>	<u>1.10</u>	<u>12.00</u>	<u>86.5</u>	<u>↓</u>
Sample	50	<u>1115</u>										
Sample	55	<u>1120</u>										
	60											
NOTES (continued)								ABBREVIATIONS				
Sample ID: <u>35, 35 FD</u> Sampled @ <u>1115/1120</u> on <u>1/16/2025</u> <u>Still purged during data gap</u>								Cond. - Actual Conductivity				
								FT BTOC - Feet Below Top of Casing na -				
								ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard				

35 Sampled @ 1115
35 FD Sampled @ 1120

300-2P

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Project Number: <u>6. Ash Pond</u>		Task #: <u>1/17/2025</u>		Start Date: <u>1/17/2025</u>		Time: <u>0925</u>			
Field Personnel: <u>G. Ash Pond</u>		Finish Date: <u>1/17/25</u>		Time: <u></u>									
WELL INFORMATION						EVENT TYPE							
Well ID: <u>49</u>						Well Development		Well Volume Approach Sampling		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>FA04590</u>	
Casing ID: <u></u> Inches										(Specify): <u>Low Flow</u>		Heron Serial NO: <u>4650</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) n8% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity	
Pre	0	0930	0	22.10	—	—	—	—	—	—	—	—	
Purge	5	0935	0.5	22.13	—	14.0	7.04	1.192	0.96	53.21	171.1	Clear	
↓	10	0940	1			14.0	7.05	1.187	0.30	35.20	141.2	↓	
↓	15	0945	1.5			14.0	7.06	1.185	0.18	9.62	142.7	↓	
*****	20	0950	2			14.1	7.06	1.185	0.16	9.37	142.7	↓	
↓	25	0955	2.5		—	14.1	7.06	1.185	0.14	7.98	142.9	↓	
Sample	30	1000				—	—	—	—	—	—	—	
	35												
	40												
	45												
	50												
	55												
	60												
NOTES (continued)									ABBREVIATIONS				
Sample ID: <u>49</u>									Cond. - Actual Conductivity				
Sampled @ <u>1000</u> on <u>1/17/2025</u>									FT BTDC - Feet Below Top of Casing na -				
									ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard				

49 Sampled @ 1000

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Project Number: _____		Task #: _____		Start Date: <u>1/16/2025</u>		Time: <u>1440</u>		
Field Personnel: <u>G. Armitage</u>		Finish Date: <u>1/16/2025</u>								Time: <u>1525</u>		
WELL INFORMATION					EVENT TYPE							
Well ID: <u>50</u>					Well Development			Low Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>4234</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4650</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) m3% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	<u>1440</u>		<u>19.40</u>	—	—	—	—	—	—	—	—
Purge	5	<u>1445</u>		<u>19.37</u>	—	<u>15.1</u>	<u>7.66</u>	<u>1.043</u>	<u>0.63</u>	<u>54.26</u>	<u>51.6</u>	<u>Clear</u>
↓	10	<u>1450</u>		<u>19.38</u>		<u>15.1</u>	<u>7.66</u>	<u>1.040</u>	<u>0.40</u>	<u>25.52</u>	<u>44.6</u>	↓
↓	15	<u>1455</u>		<u>19.41</u>		<u>15.1</u>	<u>7.64</u>	<u>1.040</u>	<u>0.23</u>	<u>16.65</u>	<u>42.1</u>	↓
*****	20	<u>1500</u>		<u>19.40</u>		<u>15.1</u>	<u>7.63</u>	<u>1.040</u>	<u>0.19</u>	<u>11.76</u>	<u>39.8</u>	↓
↓	25	<u>1505</u>		<u>19.42</u>		<u>15.1</u>	<u>7.63</u>	<u>1.041</u>	<u>0.19</u>	<u>8.65</u>	<u>38.9</u>	↓
↓	30	<u>1510</u>		<u>19.45</u>		<u>15.1</u>	<u>7.62</u>	<u>1.042</u>	<u>0.17</u>	<u>7.32</u>	<u>38.4</u>	↓
↓	35	<u>1515</u>		<u>19.45</u>		<u>15.1</u>	<u>7.62</u>	<u>1.042</u>	<u>0.23</u>	<u>8.84</u>	<u>38.0</u>	↓
Sample	40	<u>1520</u>										
	45											
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sample ID: <u>36</u> Sampled @ <u>1520</u> on <u>1/16/2025</u>								Cond. - Actual Conductivity				
								FT BTOC - Feet Below Top of Casing na -				
								ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard				

sampled @ 1520

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION																	
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Project Number: _____			Task #: _____			Start Date: <u>1/16/2025</u>			Time: <u>0900</u>		
Field Personnel: <u>G. Assalind</u>			Finish Date: <u>1/16/25</u>			Time: <u>1000</u>											
WELL INFORMATION						EVENT TYPE											
Well ID: <u>51</u>						Well Development				Low-Flow/Low Stress Sampling Other		YSI SERIAL NO: <u>FA64234</u>					
Casing ID: _____ Inches						Well Volume Approach Sampling				(Specify): <u>Low Flow</u>		Heron Serial NO: <u>4650</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) n3% dbn 01/28/25	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity					
Pre	0		—	<u>20.20</u>	—	—	—	—	—	—	—	—					
Purge	5	<u>0915</u>	<u>0.5</u>			<u>10.6</u>	<u>7.48</u>	<u>2.200</u>	<u>5.47</u>	<u>23.80</u>	<u>-182.5</u>	<u>Clear</u>					
↓	10	<u>0920</u>	<u>0.5</u>			<u>10.3</u>	<u>7.35</u>	<u>2.164</u>	<u>4.05</u>	<u>22.16</u>	<u>-164.2</u>	<u>↓</u>					
↓	15	<u>0925</u>	<u>1</u>	<u>19.98</u>		<u>10.2</u>	<u>7.50</u>	<u>2.150</u>	<u>2.11</u>	<u>19.73</u>	<u>-156.2</u>	<u>↓</u>					
*****	20	<u>0930</u>	<u>1.5</u>			<u>10.3</u>	<u>7.51</u>	<u>2.157</u>	<u>1.48</u>	<u>14.41</u>	<u>-158.9</u>	<u>↓</u>					
↓	25	<u>0935</u>	<u>1.5</u>			<u>10.3</u>	<u>7.51</u>	<u>2.157</u>	<u>1.39</u>	<u>13.96</u>	<u>-160.2</u>	<u>↓</u>					
↓	30	<u>0940</u>	<u>2</u>			<u>10.4</u>	<u>7.50</u>	<u>2.155</u>	<u>1.11</u>	<u>12.50</u>	<u>-159.2</u>	<u>↓</u>					
↓	35	<u>0945</u>	<u>2.5</u>			<u>10.3</u>	<u>7.50</u>	<u>2.159</u>	<u>1.06</u>	<u>12.24</u>	<u>-159.5</u>	<u>↓</u>					
↓	40	<u>0950</u>				<u>10.4</u>	<u>7.50</u>	<u>2.153</u>	<u>1.08</u>	<u>12.99</u>	<u>-156.5</u>	<u>↓</u>					
Sample	45	<u>0955</u>	<u>3</u>	<u>20.10</u>		—	—	—	—	—	—	—					
	50																
	55																
	60																
NOTES (continued)									ABBREVIATIONS								
Sample ID: <u>51</u> Sampled @ <u>0955</u> on <u>1/16/2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -				
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard				

Hen-51 @ 0955

**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 1, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
21/21R	UA	E008	Antimony, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.003	0.001
21/21R	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/16/25	35	0	CB around linear reg	0.0239	0.001
21/21R	UA	E008	Barium, total	mg/L	12/10/15 - 01/16/25	34	0	CB around linear reg	0.306	0.156
21/21R	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.001	0.001
21/21R	UA	E008	Boron, total	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	1.57	0.205
21/21R	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0005	0.001
21/21R	UA	E008	Chloride, total	mg/L	12/10/15 - 01/16/25	37	0	CB around linear reg	98.6	108
21/21R	UA	E008	Chromium, total	mg/L	12/10/15 - 01/16/25	34	67	CB around T-S line	0.00188	0.00130
21/21R	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/16/25	34	72	CI around median	0.001	0.00170
21/21R	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/16/25	35	8	CI around median	0.14	0.170
21/21R	UA	E008	Lead, total	mg/L	12/10/15 - 01/16/25	34	47	CB around T-S line	0.001	0.001
21/21R	UA	E008	Lithium, total	mg/L	12/10/15 - 01/16/25	34	0	CB around linear reg	0.0234	0.0140
21/21R	UA	E008	Mercury, total	mg/L	12/10/15 - 01/16/25	34	97	CI around median	0.0002	0.0002
21/21R	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/16/25	34	3	CB around linear reg	0.00779	0.00200
21/21R	UA	E008	pH (field)	SU	12/10/15 - 01/16/25	37	0	CI around mean	7.4/7.5	6.7/7.4
21/21R	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/16/25	27	0	CI around mean	0.889	2.60
21/21R	UA	E008	Selenium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0025	0.00110
21/21R	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/16/25	37	0	CB around T-S line	33.1	117
21/21R	UA	E008	Thallium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.002	0.001
21/21R	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	630	830
22	UA	E008	Antimony, total	mg/L	12/10/15 - 01/15/25	37	92	CB around T-S line	0.001	0.001
22	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/15/25	41	74	CI around median	0.001	0.001
22	UA	E008	Barium, total	mg/L	12/10/15 - 01/15/25	37	0	CB around T-S line	0.0538	0.156
22	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/15/25	37	100	All ND - Last	0.001	0.001
22	UA	E008	Boron, total	mg/L	12/10/15 - 01/15/25	42	0	CB around T-S line	2.83	0.205
22	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/15/25	37	8	CI around median	0.0047	0.001
22	UA	E008	Chloride, total	mg/L	12/10/15 - 01/15/25	44	0	CB around T-S line	91.1	108

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WEST ASH POND SYSTEM
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22	UA	E008	Chromium, total	mg/L	12/10/15 - 01/15/25	37	100	All ND - Last	0.005	0.00130
22	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/15/25	37	8	CI around mean	0.00193	0.00170
22	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/15/25	37	5	CI around median	0.15	0.170
22	UA	E008	Lead, total	mg/L	12/10/15 - 01/15/25	37	97	CB around T-S line	0.001	0.001
22	UA	E008	Lithium, total	mg/L	12/10/15 - 01/15/25	41	0	CB around T-S line	0.0441	0.0140
22	UA	E008	Mercury, total	mg/L	12/10/15 - 01/15/25	35	100	All ND - Last	0.0002	0.0002
22	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/15/25	41	0	CB around T-S line	0.0482	0.00200
22	UA	E008	pH (field)	SU	12/10/15 - 01/15/25	40	0	CI around median	7.6/7.7	6.7/7.4
22	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/15/25	28	0	CI around mean	0.368	2.60
22	UA	E008	Selenium, total	mg/L	12/10/15 - 01/15/25	37	5	CI around mean	0.0132	0.00110
22	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/15/25	44	0	CB around linear reg	89.8	117
22	UA	E008	Thallium, total	mg/L	12/10/15 - 01/15/25	37	95	CB around T-S line	0.002	0.001
22	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/15/25	44	0	CB around linear reg	579	830
22D	UA	E008	Antimony, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.003	0.001
22D	UA	E008	Arsenic, total	mg/L	09/17/19 - 01/15/25	21	19	CI around median	0.0012	0.001
22D	UA	E008	Barium, total	mg/L	09/17/19 - 01/15/25	21	0	CB around T-S line	0.0652	0.156
22D	UA	E008	Beryllium, total	mg/L	09/17/19 - 01/15/25	20	100	All ND - Last	0.001	0.001
22D	UA	E008	Boron, total	mg/L	09/17/19 - 01/15/25	21	0	CB around linear reg	1.09	0.205
22D	UA	E008	Cadmium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.0005	0.001
22D	UA	E008	Chloride, total	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	91.8	108
22D	UA	E008	Chromium, total	mg/L	09/17/19 - 01/15/25	21	90	CB around T-S line	0.0015	0.00130
22D	UA	E008	Cobalt, total	mg/L	09/17/19 - 01/15/25	21	95	CI around median	0.001	0.00170
22D	UA	E008	Fluoride, total	mg/L	09/17/19 - 01/15/25	21	10	CI around median	0.11	0.170
22D	UA	E008	Lead, total	mg/L	09/17/19 - 01/15/25	21	90	CB around T-S line	0.000401	0.001
22D	UA	E008	Lithium, total	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	0.015	0.0140
22D	UA	E008	Mercury, total	mg/L	12/11/19 - 01/15/25	20	100	All ND - Last	0.0002	0.0002
22D	UA	E008	Molybdenum, total	mg/L	09/17/19 - 01/15/25	21	5	CB around T-S line	0.00541	0.00200

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22D	UA	E008	pH (field)	SU	09/17/19 - 01/15/25	24	0	CI around mean	7.2/7.3	6.7/7.4
22D	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 01/15/25	18	0	CI around mean	0.864	2.60
22D	UA	E008	Selenium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.0025	0.00110
22D	UA	E008	Sulfate, total	mg/L	09/17/19 - 01/15/25	21	0	CB around linear reg	84.7	117
22D	UA	E008	Thallium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.002	0.001
22D	UA	E008	Total Dissolved Solids	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	613	830
23	UA	E008	Antimony, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.003	0.001
23	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/17/25	41	91	CB around T-S line	0.001	0.001
23	UA	E008	Barium, total	mg/L	12/10/15 - 01/17/25	37	0	CB around T-S line	0.0366	0.156
23	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.001	0.001
23	UA	E008	Boron, total	mg/L	12/10/15 - 01/17/25	42	0	CB around T-S line	8.51	0.205
23	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0005	0.001
23	UA	E008	Chloride, total	mg/L	12/10/15 - 01/17/25	44	1	CB around linear reg	52.5	108
23	UA	E008	Chromium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.005	0.00130
23	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.001	0.00170
23	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/17/25	37	5	CI around median	0.15	0.170
23	UA	E008	Lead, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0005	0.001
23	UA	E008	Lithium, total	mg/L	12/10/15 - 01/17/25	41	12	CI around median	0.0048	0.0140
23	UA	E008	Mercury, total	mg/L	12/10/15 - 01/17/25	35	100	All ND - Last	0.0002	0.0002
23	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/17/25	41	0	CI around median	0.0147	0.00200
23	UA	E008	pH (field)	SU	12/10/15 - 01/17/25	39	0	CI around mean	7.4/7.5	6.7/7.4
23	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/17/25	28	0	CI around mean	0.256	2.60
23	UA	E008	Selenium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0025	0.00110
23	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/17/25	44	0	CI around median	421	117
23	UA	E008	Thallium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.002	0.001
23	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/17/25	44	0	CI around mean	890	830
24/51	UA	E008	Antimony, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.003	0.001

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24/51	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/16/25	40	0	CI around mean	0.0205	0.001
24/51	UA	E008	Barium, total	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	0.107	0.156
24/51	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.001	0.001
24/51	UA	E008	Boron, total	mg/L	12/10/15 - 01/16/25	40	0	CB around linear reg	1.17	0.205
24/51	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.0005	0.001
24/51	UA	E008	Chloride, total	mg/L	12/10/15 - 01/16/25	42	0	CB around linear reg	105	108
24/51	UA	E008	Chromium, total	mg/L	12/10/15 - 01/16/25	35	78	CB around T-S line	0.0018	0.00130
24/51	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/16/25	35	76	CI around median	0.001	0.00170
24/51	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/16/25	35	5	CB around T-S line	0.122	0.170
24/51	UA	E008	Lead, total	mg/L	12/10/15 - 01/16/25	35	60	CI around median	0.001	0.001
24/51	UA	E008	Lithium, total	mg/L	12/10/15 - 01/16/25	39	0	CB around T-S line	0.0236	0.0140
24/51	UA	E008	Mercury, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0002	0.0002
24/51	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/16/25	39	3	CB around linear reg	0.00741	0.00200
24/51	UA	E008	pH (field)	SU	12/10/15 - 01/16/25	37	0	CB around linear reg	7.2/7.4	6.7/7.4
24/51	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/16/25	27	0	CB around linear reg	1.2	2.60
24/51	UA	E008	Selenium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.0025	0.00110
24/51	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/16/25	42	0	CB around linear reg	77.2	117
24/51	UA	E008	Thallium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.002	0.001
24/51	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/16/25	42	0	CI around mean	623	830
27	UA	E008	Antimony, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.003	0.001
27	UA	E008	Arsenic, total	mg/L	09/12/18 - 01/14/25	24	58	CI around median	0.001	0.001
27	UA	E008	Barium, total	mg/L	09/12/18 - 01/14/25	24	0	CI around median	0.0837	0.156
27	UA	E008	Beryllium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.001	0.001
27	UA	E008	Boron, total	mg/L	09/12/18 - 01/14/25	24	0	CB around linear reg	1.47	0.205
27	UA	E008	Cadmium, total	mg/L	09/12/18 - 01/14/25	24	96	CI around median	0.001	0.001
27	UA	E008	Chloride, total	mg/L	03/08/16 - 01/14/25	29	0	CI around median	89	108
27	UA	E008	Chromium, total	mg/L	09/12/18 - 01/14/25	24	81	CB around T-S line	0.0015	0.00130

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
27	UA	E008	Cobalt, total	mg/L	09/12/18 - 01/14/25	24	8	CI around mean	0.00194	0.00170
27	UA	E008	Fluoride, total	mg/L	09/12/18 - 01/14/25	24	4	CI around median	0.12	0.170
27	UA	E008	Lead, total	mg/L	09/12/18 - 01/14/25	24	50	CI around median	0.001	0.001
27	UA	E008	Lithium, total	mg/L	09/12/18 - 01/14/25	24	0	CI around mean	0.0215	0.0140
27	UA	E008	Mercury, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.0002	0.0002
27	UA	E008	Molybdenum, total	mg/L	09/12/18 - 01/14/25	24	33	CI around median	0.0044	0.00200
27	UA	E008	pH (field)	SU	03/08/16 - 01/14/25	29	0	CI around mean	7.1/7.2	6.7/7.4
27	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 01/14/25	18	0	CI around geomean	0.24	2.60
27	UA	E008	Selenium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.0025	0.00110
27	UA	E008	Sulfate, total	mg/L	03/08/16 - 01/14/25	29	0	CB around linear reg	88.4	117
27	UA	E008	Thallium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.002	0.001
27	UA	E008	Total Dissolved Solids	mg/L	03/08/16 - 01/14/25	29	0	CI around median	648	830
35	UA	E008	Antimony, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.003	0.001
35	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/16/25	36	78	CI around median	0.001	0.001
35	UA	E008	Barium, total	mg/L	12/09/15 - 01/16/25	36	0	CI around mean	0.0416	0.156
35	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.001	0.001
35	UA	E008	Boron, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	12.2	0.205
35	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.0005	0.001
35	UA	E008	Chloride, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	15.3	108
35	UA	E008	Chromium, total	mg/L	12/09/15 - 01/16/25	36	97	CB around T-S line	0.0015	0.00130
35	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/16/25	36	42	CI around median	0.001	0.00170
35	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/16/25	37	3	CI around median	0.17	0.170
35	UA	E008	Lead, total	mg/L	12/09/15 - 01/16/25	36	92	CB around T-S line	0.000727	0.001
35	UA	E008	Lithium, total	mg/L	12/09/15 - 01/16/25	36	0	CI around mean	0.0246	0.0140
35	UA	E008	Mercury, total	mg/L	12/09/15 - 01/16/25	35	100	All ND - Last	0.0002	0.0002
35	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/16/25	36	0	CB around linear reg	0.0509	0.00200
35	UA	E008	pH (field)	SU	12/09/15 - 01/16/25	37	0	CB around linear reg	6.8/7.0	6.7/7.4

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
35	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/16/25	29	0	CI around median	0.31	2.60
35	UA	E008	Selenium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.0025	0.00110
35	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	720	117
35	UA	E008	Thallium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.002	0.001
35	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	1,360	830
49	UA	E008	Antimony, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.003	0.001
49	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/17/25	36	97	CI around median	0.001	0.001
49	UA	E008	Barium, total	mg/L	12/10/15 - 01/17/25	36	0	CB around T-S line	0.0622	0.156
49	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.001	0.001
49	UA	E008	Boron, total	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	0.425	0.205
49	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/17/25	36	25	CI around geomean	0.00107	0.001
49	UA	E008	Chloride, total	mg/L	12/10/15 - 01/17/25	37	0	CI around median	100	108
49	UA	E008	Chromium, total	mg/L	12/10/15 - 01/17/25	36	97	CB around T-S line	0.0015	0.00130
49	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/17/25	36	0	CI around mean	0.00421	0.00170
49	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/17/25	37	3	CI around median	0.15	0.170
49	UA	E008	Lead, total	mg/L	12/10/15 - 01/17/25	36	92	CI around median	0.001	0.001
49	UA	E008	Lithium, total	mg/L	12/10/15 - 01/17/25	36	0	CI around mean	0.024	0.0140
49	UA	E008	Mercury, total	mg/L	12/10/15 - 01/17/25	35	100	All ND - Last	0.0002	0.0002
49	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/17/25	36	0	CB around T-S line	0.0191	0.00200
49	UA	E008	pH (field)	SU	12/10/15 - 01/17/25	38	0	CI around mean	7.1/7.2	6.7/7.4
49	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/17/25	29	0	CI around mean	0.353	2.60
49	UA	E008	Selenium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.0025	0.00110
49	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	68.4	117
49	UA	E008	Thallium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.002	0.001
49	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	578	830
50	UA	E008	Antimony, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.003	0.001
50	UA	E008	Arsenic, total	mg/L	09/17/19 - 01/16/25	21	90	CI around median	0.001	0.001

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
50	UA	E008	Barium, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	0.0855	0.156
50	UA	E008	Beryllium, total	mg/L	09/17/19 - 01/16/25	20	100	All ND - Last	0.001	0.001
50	UA	E008	Boron, total	mg/L	09/17/19 - 01/16/25	21	0	CI around geomean	0.736	0.205
50	UA	E008	Cadmium, total	mg/L	09/17/19 - 01/16/25	21	5	CI around geomean	0.00109	0.001
50	UA	E008	Chloride, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	86.5	108
50	UA	E008	Chromium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.005	0.00130
50	UA	E008	Cobalt, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	0.00405	0.00170
50	UA	E008	Fluoride, total	mg/L	09/17/19 - 01/16/25	21	19	CB around T-S line	0.115	0.170
50	UA	E008	Lead, total	mg/L	09/17/19 - 01/16/25	21	95	CB around T-S line	0.000499	0.001
50	UA	E008	Lithium, total	mg/L	09/17/19 - 01/16/25	21	0	CB around T-S line	0.02	0.0140
50	UA	E008	Mercury, total	mg/L	12/11/19 - 01/16/25	20	100	All ND - Last	0.0002	0.0002
50	UA	E008	Molybdenum, total	mg/L	09/17/19 - 01/16/25	21	0	CB around T-S line	0.0348	0.00200
50	UA	E008	pH (field)	SU	09/17/19 - 01/16/25	24	0	CB around linear reg	7.4/7.7	6.7/7.4
50	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 01/16/25	17	0	CI around mean	0.642	2.60
50	UA	E008	Selenium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.0025	0.00110
50	UA	E008	Sulfate, total	mg/L	09/17/19 - 01/16/25	21	0	CI around geomean	90.1	117
50	UA	E008	Thallium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.002	0.001
50	UA	E008	Total Dissolved Solids	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	611	830

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Notes:

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the West Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

Events:

E008 = Quarter 1, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result

Statistical Calculation = method used to calculate the statistical result:

All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown

CB around T-S line = Confidence band around Thiel-Sen line

CB around T-S line = Confidence band around Thiel-Sen line

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

For pH, the values presented are the lower / upper limits of the background determination