



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 East Ash Pond; IEPA ID # W1550100002-05

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) Section (§) 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 1, 2025 sampling event at the Hennepin Power Plant East Ash Pond, identified by Illinois Environmental Protection Agency (IEPA) ID No. W1550100002-05. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ of the GWPS.

Sincerely,

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

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

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 1, 2025, East Ash Pond, 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 East Ash Pond. 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
EAST ASH POND, 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. Monitoring well 12 was dry; therefore a groundwater elevation and groundwater sample were not collected for this 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 East Ash Pond. 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. East Ash Pond. 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
EAST ASH POND
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
07	Background	E008	01/17/2025	Antimony, total	0.0013 U	mg/L
07	Background	E008	01/17/2025	Arsenic, total	0.00023 U	mg/L
07	Background	E008	01/17/2025	Barium, total	0.0920	mg/L
07	Background	E008	01/17/2025	Beryllium, total	0.00053 U	mg/L
07	Background	E008	01/17/2025	Boron, total	0.0700 J+	mg/L
07	Background	E008	01/17/2025	Cadmium, total	0.00017 U	mg/L
07	Background	E008	01/17/2025	Calcium, total	130	mg/L
07	Background	E008	01/17/2025	Chloride, total	60.0	mg/L
07	Background	E008	01/17/2025	Chromium, total	0.0011 U	mg/L
07	Background	E008	01/17/2025	Cobalt, total	0.00260	mg/L
07	Background	E008	01/17/2025	Dissolved Oxygen	5.57	mg/L
07	Background	E008	01/17/2025	Fluoride, total	0.130	mg/L
07	Background	E008	01/17/2025	Lead, total	0.0002 J	mg/L
07	Background	E008	01/17/2025	Lithium, total	0.00980	mg/L
07	Background	E008	01/17/2025	Mercury, total	0.000076 U	mg/L
07	Background	E008	01/17/2025	Molybdenum, total	0.0025 U	mg/L
07	Background	E008	01/17/2025	Oxidation Reduction Potential	171	mV
07	Background	E008	01/17/2025	pH (field)	6.8	SU
07	Background	E008	01/17/2025	Radium 226 + Radium 228, total	1.07	pCi/L
07	Background	E008	01/17/2025	Selenium, total	0.0011 J	mg/L
07	Background	E008	01/17/2025	Specific Conductance @ 25C (field)	1,136	micromhos/cm
07	Background	E008	01/17/2025	Sulfate, total	62.0	mg/L
07	Background	E008	01/17/2025	Temperature	10.7	degrees C
07	Background	E008	01/17/2025	Thallium, total	0.00057 U	mg/L
07	Background	E008	01/17/2025	Total Dissolved Solids	630	mg/L
07	Background	E008	01/17/2025	Turbidity, field	3.93	NTU
08	Background	E008	01/17/2025	Antimony, total	0.0013 U	mg/L
08	Background	E008	01/17/2025	Arsenic, total	0.00023 U	mg/L
08	Background	E008	01/17/2025	Barium, total	0.100	mg/L
08	Background	E008	01/17/2025	Beryllium, total	0.00053 U	mg/L
08	Background	E008	01/17/2025	Boron, total	0.120 J+	mg/L
08	Background	E008	01/17/2025	Cadmium, total	0.00045 J	mg/L
08	Background	E008	01/17/2025	Calcium, total	180	mg/L
08	Background	E008	01/17/2025	Chloride, total	260	mg/L
08	Background	E008	01/17/2025	Chromium, total	0.0011 U	mg/L
08	Background	E008	01/17/2025	Cobalt, total	0.00270	mg/L
08	Background	E008	01/17/2025	Dissolved Oxygen	0.420	mg/L
08	Background	E008	01/17/2025	Fluoride, total	0.098 J	mg/L
08	Background	E008	01/17/2025	Lead, total	0.00029 J	mg/L
08	Background	E008	01/17/2025	Lithium, total	0.0160	mg/L
08	Background	E008	01/17/2025	Mercury, total	0.000076 U	mg/L
08	Background	E008	01/17/2025	Molybdenum, total	0.0025 U	mg/L
08	Background	E008	01/17/2025	Oxidation Reduction Potential	178	mV
08	Background	E008	01/17/2025	pH (field)	6.7	SU
08	Background	E008	01/17/2025	Radium 226 + Radium 228, total	0.791	pCi/L
08	Background	E008	01/17/2025	Selenium, total	0.00098 U	mg/L

TABLE 1.
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845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
08	Background	E008	01/17/2025	Specific Conductance @ 25C (field)	2,036	micromhos/cm
08	Background	E008	01/17/2025	Sulfate, total	120	mg/L
08	Background	E008	01/17/2025	Temperature	12.6	degrees C
08	Background	E008	01/17/2025	Thallium, total	0.00057 U	mg/L
08	Background	E008	01/17/2025	Total Dissolved Solids	1,200	mg/L
08	Background	E008	01/17/2025	Turbidity, field	1.95	NTU
08D	Background	E008	01/14/2025	Antimony, total	0.0013 U	mg/L
08D	Background	E008	01/14/2025	Arsenic, total	0.00023 U	mg/L
08D	Background	E008	01/14/2025	Barium, total	0.0970	mg/L
08D	Background	E008	01/14/2025	Beryllium, total	0.00053 U	mg/L
08D	Background	E008	01/14/2025	Boron, total	0.110 J+	mg/L
08D	Background	E008	01/14/2025	Cadmium, total	0.00031 J	mg/L
08D	Background	E008	01/14/2025	Calcium, total	190	mg/L
08D	Background	E008	01/14/2025	Chloride, total	270	mg/L
08D	Background	E008	01/14/2025	Chromium, total	0.0011 U	mg/L
08D	Background	E008	01/14/2025	Cobalt, total	0.00140	mg/L
08D	Background	E008	01/14/2025	Dissolved Oxygen	0.190	mg/L
08D	Background	E008	01/14/2025	Fluoride, total	0.130	mg/L
08D	Background	E008	01/14/2025	Lead, total	0.00032 J	mg/L
08D	Background	E008	01/14/2025	Lithium, total	0.0140	mg/L
08D	Background	E008	01/14/2025	Mercury, total	0.000076 U	mg/L
08D	Background	E008	01/14/2025	Molybdenum, total	0.0025 U	mg/L
08D	Background	E008	01/14/2025	Oxidation Reduction Potential	155	mV
08D	Background	E008	01/14/2025	pH (field)	7.1	SU
08D	Background	E008	01/14/2025	Radium 226 + Radium 228, total	0.611	pCi/L
08D	Background	E008	01/14/2025	Selenium, total	0.00098 U	mg/L
08D	Background	E008	01/14/2025	Specific Conductance @ 25C (field)	2,097	micromhos/cm
08D	Background	E008	01/14/2025	Sulfate, total	160	mg/L
08D	Background	E008	01/14/2025	Temperature	11.8	degrees C
08D	Background	E008	01/14/2025	Thallium, total	0.00057 U	mg/L
08D	Background	E008	01/14/2025	Total Dissolved Solids	1,200	mg/L
08D	Background	E008	01/14/2025	Turbidity, field	2.39	NTU
16	Background	E008	01/17/2025	Antimony, total	0.0013 U	mg/L
16	Background	E008	01/17/2025	Arsenic, total	0.00023 U	mg/L
16	Background	E008	01/17/2025	Barium, total	0.0660	mg/L
16	Background	E008	01/17/2025	Beryllium, total	0.00053 U	mg/L
16	Background	E008	01/17/2025	Boron, total	0.170 J+	mg/L
16	Background	E008	01/17/2025	Cadmium, total	0.00017 U	mg/L
16	Background	E008	01/17/2025	Calcium, total	77.0	mg/L
16	Background	E008	01/17/2025	Chloride, total	91.0	mg/L
16	Background	E008	01/17/2025	Chromium, total	0.0011 U	mg/L
16	Background	E008	01/17/2025	Cobalt, total	0.0004 U	mg/L
16	Background	E008	01/17/2025	Dissolved Oxygen	0.290	mg/L
16	Background	E008	01/17/2025	Fluoride, total	0.240	mg/L
16	Background	E008	01/17/2025	Lead, total	0.00026 J	mg/L
16	Background	E008	01/17/2025	Lithium, total	0.00900	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
16	Background	E008	01/17/2025	Mercury, total	0.000076 U	mg/L
16	Background	E008	01/17/2025	Molybdenum, total	0.00770	mg/L
16	Background	E008	01/17/2025	Oxidation Reduction Potential	149	mV
16	Background	E008	01/17/2025	pH (field)	7.3	SU
16	Background	E008	01/17/2025	Radium 226 + Radium 228, total	0.555	pCi/L
16	Background	E008	01/17/2025	Selenium, total	0.00098 U	mg/L
16	Background	E008	01/17/2025	Specific Conductance @ 25C (field)	927	micromhos/cm
16	Background	E008	01/17/2025	Sulfate, total	82.0	mg/L
16	Background	E008	01/17/2025	Temperature	16.4	degrees C
16	Background	E008	01/17/2025	Thallium, total	0.00057 U	mg/L
16	Background	E008	01/17/2025	Total Dissolved Solids	510	mg/L
16	Background	E008	01/17/2025	Turbidity, field	3.24	NTU
17	Background	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
17	Background	E008	01/15/2025	Arsenic, total	0.00023 U	mg/L
17	Background	E008	01/15/2025	Barium, total	0.110	mg/L
17	Background	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
17	Background	E008	01/15/2025	Boron, total	0.130 J+	mg/L
17	Background	E008	01/15/2025	Cadmium, total	0.00017 U	mg/L
17	Background	E008	01/15/2025	Calcium, total	98.0	mg/L
17	Background	E008	01/15/2025	Chloride, total	68.0	mg/L
17	Background	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
17	Background	E008	01/15/2025	Cobalt, total	0.0004 U	mg/L
17	Background	E008	01/15/2025	Dissolved Oxygen	3.74	mg/L
17	Background	E008	01/15/2025	Fluoride, total	0.260	mg/L
17	Background	E008	01/15/2025	Lead, total	0.00029 J	mg/L
17	Background	E008	01/15/2025	Lithium, total	0.00800	mg/L
17	Background	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
17	Background	E008	01/15/2025	Molybdenum, total	0.00500	mg/L
17	Background	E008	01/15/2025	Oxidation Reduction Potential	94.7	mV
17	Background	E008	01/15/2025	pH (field)	7.2	SU
17	Background	E008	01/15/2025	Radium 226 + Radium 228, total	0.912	pCi/L
17	Background	E008	01/15/2025	Selenium, total	0.00098 U	mg/L
17	Background	E008	01/15/2025	Specific Conductance @ 25C (field)	1,031	micromhos/cm
17	Background	E008	01/15/2025	Sulfate, total	63.0	mg/L
17	Background	E008	01/15/2025	Temperature	16.2	degrees C
17	Background	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
17	Background	E008	01/15/2025	Total Dissolved Solids	580	mg/L
17	Background	E008	01/15/2025	Turbidity, field	2.12	NTU
12	Compliance	E008	--	Antimony, total	NS ⁷	mg/L
12	Compliance	E008	--	Arsenic, total	NS ⁷	mg/L
12	Compliance	E008	--	Barium, total	NS ⁷	mg/L
12	Compliance	E008	--	Beryllium, total	NS ⁷	mg/L
12	Compliance	E008	--	Boron, total	NS ⁷	mg/L
12	Compliance	E008	--	Cadmium, total	NS ⁷	mg/L
12	Compliance	E008	--	Calcium, total	NS ⁷	mg/L
12	Compliance	E008	--	Chloride, total	NS ⁷	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
12	Compliance	E008	--	Chromium, total	NS ⁷	mg/L
12	Compliance	E008	--	Cobalt, total	NS ⁷	mg/L
12	Compliance	E008	--	Dissolved Oxygen	NS ⁷	mg/L
12	Compliance	E008	--	Fluoride, total	NS ⁷	mg/L
12	Compliance	E008	--	Lead, total	NS ⁷	mg/L
12	Compliance	E008	--	Lithium, total	NS ⁷	mg/L
12	Compliance	E008	--	Mercury, total	NS ⁷	mg/L
12	Compliance	E008	--	Molybdenum, total	NS ⁷	mg/L
12	Compliance	E008	--	Oxidation Reduction Potential	NS ⁷	mV
12	Compliance	E008	--	pH (field)	NS ⁷	SU
12	Compliance	E008	--	Radium 226 + Radium 228, total	NS ⁷	pCi/L
12	Compliance	E008	--	Selenium, total	NS ⁷	mg/L
12	Compliance	E008	--	Specific Conductance @ 25C (field)	NS ⁷	micromhos/cm
12	Compliance	E008	--	Sulfate, total	NS ⁷	mg/L
12	Compliance	E008	--	Temperature	NS ⁷	degrees C
12	Compliance	E008	--	Thallium, total	NS ⁷	mg/L
12	Compliance	E008	--	Total Dissolved Solids	NS ⁷	mg/L
12	Compliance	E008	--	Turbidity, field	NS ⁷	NTU
13	Compliance	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
13	Compliance	E008	01/15/2025	Arsenic, total	0.00033 J	mg/L
13	Compliance	E008	01/15/2025	Barium, total	0.0440	mg/L
13	Compliance	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
13	Compliance	E008	01/15/2025	Boron, total	0.850 J+	mg/L
13	Compliance	E008	01/15/2025	Cadmium, total	0.00017 U	mg/L
13	Compliance	E008	01/15/2025	Calcium, total	74.0	mg/L
13	Compliance	E008	01/15/2025	Chloride, total	79.0	mg/L
13	Compliance	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
13	Compliance	E008	01/15/2025	Cobalt, total	0.0004 U	mg/L
13	Compliance	E008	01/15/2025	Dissolved Oxygen	0.280	mg/L
13	Compliance	E008	01/15/2025	Fluoride, total	0.210	mg/L
13	Compliance	E008	01/15/2025	Lead, total	0.00019 U	mg/L
13	Compliance	E008	01/15/2025	Lithium, total	0.0160	mg/L
13	Compliance	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
13	Compliance	E008	01/15/2025	Molybdenum, total	0.0120	mg/L
13	Compliance	E008	01/15/2025	Oxidation Reduction Potential	71.6	mV
13	Compliance	E008	01/15/2025	pH (field)	7.6	SU
13	Compliance	E008	01/15/2025	Radium 226 + Radium 228, total	0.77	pCi/L
13	Compliance	E008	01/15/2025	Selenium, total	0.00098 U	mg/L
13	Compliance	E008	01/15/2025	Specific Conductance @ 25C (field)	964	micromhos/cm
13	Compliance	E008	01/15/2025	Sulfate, total	100	mg/L
13	Compliance	E008	01/15/2025	Temperature	14.1	degrees C
13	Compliance	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
13	Compliance	E008	01/15/2025	Total Dissolved Solids	550	mg/L
13	Compliance	E008	01/15/2025	Turbidity, field	2.68	NTU
46	Compliance	E008	01/16/2025	Antimony, total	0.0013 U	mg/L
46	Compliance	E008	01/16/2025	Arsenic, total	0.00023 U	mg/L

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HENNEPIN POWER PLANT
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HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
46	Compliance	E008	01/16/2025	Barium, total	0.0640	mg/L
46	Compliance	E008	01/16/2025	Beryllium, total	0.00053 U	mg/L
46	Compliance	E008	01/16/2025	Boron, total	0.220 J+	mg/L
46	Compliance	E008	01/16/2025	Cadmium, total	0.00017 U	mg/L
46	Compliance	E008	01/16/2025	Calcium, total	72.0	mg/L
46	Compliance	E008	01/16/2025	Chloride, total	95.0	mg/L
46	Compliance	E008	01/16/2025	Chromium, total	0.0011 U	mg/L
46	Compliance	E008	01/16/2025	Cobalt, total	0.0004 U	mg/L
46	Compliance	E008	01/16/2025	Dissolved Oxygen	2.68	mg/L
46	Compliance	E008	01/16/2025	Fluoride, total	0.260	mg/L
46	Compliance	E008	01/16/2025	Lead, total	0.00019 U	mg/L
46	Compliance	E008	01/16/2025	Lithium, total	0.00980	mg/L
46	Compliance	E008	01/16/2025	Mercury, total	0.000076 U	mg/L
46	Compliance	E008	01/16/2025	Molybdenum, total	0.0210	mg/L
46	Compliance	E008	01/16/2025	Oxidation Reduction Potential	142	mV
46	Compliance	E008	01/16/2025	pH (field)	7.6	SU
46	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	0.456	pCi/L
46	Compliance	E008	01/16/2025	Selenium, total	0.00098 U	mg/L
46	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	914	micromhos/cm
46	Compliance	E008	01/16/2025	Sulfate, total	84.0	mg/L
46	Compliance	E008	01/16/2025	Temperature	15.4	degrees C
46	Compliance	E008	01/16/2025	Thallium, total	0.00057 U	mg/L
46	Compliance	E008	01/16/2025	Total Dissolved Solids	500	mg/L
46	Compliance	E008	01/16/2025	Turbidity, field	2.38	NTU
47	Compliance	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
47	Compliance	E008	01/15/2025	Arsenic, total	0.00023 U	mg/L
47	Compliance	E008	01/15/2025	Barium, total	0.0750	mg/L
47	Compliance	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
47	Compliance	E008	01/15/2025	Boron, total	0.470 J+	mg/L
47	Compliance	E008	01/15/2025	Cadmium, total	0.00017 U	mg/L
47	Compliance	E008	01/15/2025	Calcium, total	91.0	mg/L
47	Compliance	E008	01/15/2025	Chloride, total	84.0	mg/L
47	Compliance	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
47	Compliance	E008	01/15/2025	Cobalt, total	0.0004 U	mg/L
47	Compliance	E008	01/15/2025	Dissolved Oxygen	2.29	mg/L
47	Compliance	E008	01/15/2025	Fluoride, total	0.270	mg/L
47	Compliance	E008	01/15/2025	Lead, total	0.00019 U	mg/L
47	Compliance	E008	01/15/2025	Lithium, total	0.0110	mg/L
47	Compliance	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
47	Compliance	E008	01/15/2025	Molybdenum, total	0.0230	mg/L
47	Compliance	E008	01/15/2025	Oxidation Reduction Potential	75.7	mV
47	Compliance	E008	01/15/2025	pH (field)	7.2	SU
47	Compliance	E008	01/15/2025	Radium 226 + Radium 228, total	0.452	pCi/L
47	Compliance	E008	01/15/2025	Selenium, total	0.00098 U	mg/L
47	Compliance	E008	01/15/2025	Specific Conductance @ 25C (field)	1,916	micromhos/cm
47	Compliance	E008	01/15/2025	Sulfate, total	85.0	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
47	Compliance	E008	01/15/2025	Temperature	15.7	degrees C
47	Compliance	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
47	Compliance	E008	01/15/2025	Total Dissolved Solids	570	mg/L
47	Compliance	E008	01/15/2025	Turbidity, field	2.22	NTU
52	Compliance	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
52	Compliance	E008	01/15/2025	Arsenic, total	0.00023 U	mg/L
52	Compliance	E008	01/15/2025	Barium, total	0.0820	mg/L
52	Compliance	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
52	Compliance	E008	01/15/2025	Boron, total	0.300 J+	mg/L
52	Compliance	E008	01/15/2025	Cadmium, total	0.00017 U	mg/L
52	Compliance	E008	01/15/2025	Calcium, total	92.0	mg/L
52	Compliance	E008	01/15/2025	Chloride, total	84.0	mg/L
52	Compliance	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
52	Compliance	E008	01/15/2025	Cobalt, total	0.0004 U	mg/L
52	Compliance	E008	01/15/2025	Dissolved Oxygen	3.15	mg/L
52	Compliance	E008	01/15/2025	Fluoride, total	0.260	mg/L
52	Compliance	E008	01/15/2025	Lead, total	0.00019 U	mg/L
52	Compliance	E008	01/15/2025	Lithium, total	0.00880	mg/L
52	Compliance	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
52	Compliance	E008	01/15/2025	Molybdenum, total	0.0110	mg/L
52	Compliance	E008	01/15/2025	Oxidation Reduction Potential	111	mV
52	Compliance	E008	01/15/2025	pH (field)	7.2	SU
52	Compliance	E008	01/15/2025	Radium 226 + Radium 228, total	0.987	pCi/L
52	Compliance	E008	01/15/2025	Selenium, total	0.0012 J	mg/L
52	Compliance	E008	01/15/2025	Specific Conductance @ 25C (field)	1,911	micromhos/cm
52	Compliance	E008	01/15/2025	Sulfate, total	80.0	mg/L
52	Compliance	E008	01/15/2025	Temperature	17.0	degrees C
52	Compliance	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
52	Compliance	E008	01/15/2025	Total Dissolved Solids	600	mg/L
52	Compliance	E008	01/15/2025	Turbidity, field	1.98	NTU
54	Compliance	E008	01/14/2025	Antimony, total	0.0013 U	mg/L
54	Compliance	E008	01/14/2025	Arsenic, total	0.00027 J	mg/L
54	Compliance	E008	01/14/2025	Barium, total	0.0500	mg/L
54	Compliance	E008	01/14/2025	Beryllium, total	0.00053 U	mg/L
54	Compliance	E008	01/14/2025	Boron, total	0.570 J+	mg/L
54	Compliance	E008	01/14/2025	Cadmium, total	0.00017 U	mg/L
54	Compliance	E008	01/14/2025	Calcium, total	82.0	mg/L
54	Compliance	E008	01/14/2025	Chloride, total	85.0	mg/L
54	Compliance	E008	01/14/2025	Chromium, total	0.0011 U	mg/L
54	Compliance	E008	01/14/2025	Cobalt, total	0.0004 U	mg/L
54	Compliance	E008	01/14/2025	Dissolved Oxygen	1.42	mg/L
54	Compliance	E008	01/14/2025	Fluoride, total	0.310	mg/L
54	Compliance	E008	01/14/2025	Lead, total	0.00019 U	mg/L
54	Compliance	E008	01/14/2025	Lithium, total	0.0130	mg/L
54	Compliance	E008	01/14/2025	Mercury, total	0.000076 U	mg/L
54	Compliance	E008	01/14/2025	Molybdenum, total	0.0290	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
54	Compliance	E008	01/14/2025	Oxidation Reduction Potential	72.4	mV
54	Compliance	E008	01/14/2025	pH (field)	7.4	SU
54	Compliance	E008	01/14/2025	Radium 226 + Radium 228, total	0.319	pCi/L
54	Compliance	E008	01/14/2025	Selenium, total	0.0014 J	mg/L
54	Compliance	E008	01/14/2025	Specific Conductance @ 25C (field)	931	micromhos/cm
54	Compliance	E008	01/14/2025	Sulfate, total	83.0	mg/L
54	Compliance	E008	01/14/2025	Temperature	15.4	degrees C
54	Compliance	E008	01/14/2025	Thallium, total	0.00057 U	mg/L
54	Compliance	E008	01/14/2025	Total Dissolved Solids	510	mg/L
54	Compliance	E008	01/14/2025	Turbidity, field	6.25	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
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
12	UA	E008	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
12	UA	E008	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.010	Standard	--
12	UA	E008	Barium, total	mg/L	--	--	--	--	NS ⁷	2.0	Standard	--
12	UA	E008	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.004	Standard	--
12	UA	E008	Boron, total	mg/L	--	--	--	--	NS ⁷	2	Standard	--
12	UA	E008	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.005	Standard	--
12	UA	E008	Chloride, total	mg/L	--	--	--	--	NS ⁷	435	Background	--
12	UA	E008	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
12	UA	E008	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.0380	Background	--
12	UA	E008	Fluoride, total	mg/L	--	--	--	--	NS ⁷	4.0	Standard	--
12	UA	E008	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0075	Standard	--
12	UA	E008	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.04	Standard	--
12	UA	E008	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
12	UA	E008	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
12	UA	E008	pH (field)	SU	--	--	--	--	NS ⁷	6.5/9.0	Standard/Standard	--
12	UA	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	5	Standard	--
12	UA	E008	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.05	Standard	--
12	UA	E008	Sulfate, total	mg/L	--	--	--	--	NS ⁷	400	Standard	--
12	UA	E008	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
12	UA	E008	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	1,620	Background	--
13	UA	E008	Antimony, total	mg/L	12/09/15 - 01/15/25	24	97	CB around T-S line	0.001	0.006	Standard	No Exceedance
13	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/15/25	29	98	CI around median	0.001	0.010	Standard	No Exceedance
13	UA	E008	Barium, total	mg/L	12/09/15 - 01/15/25	31	0	CI around mean	0.0433	2.0	Standard	No Exceedance
13	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/15/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
13	UA	E008	Boron, total	mg/L	12/09/15 - 01/15/25	32	0	CB around linear reg	0.0377	2	Standard	No Exceedance
13	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/15/25	33	98	CB around T-S line	0.000591	0.005	Standard	No Exceedance
13	UA	E008	Chloride, total	mg/L	12/09/15 - 01/15/25	32	0	CI around mean	73.1	435	Background	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
13	UA	E008	Chromium, total	mg/L	12/09/15 - 01/15/25	29	88	CB around T-S line	0.00177	0.1	Standard	No Exceedance
13	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/15/25	27	85	Most recent sample	0.001	0.0380	Background	No Exceedance
13	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/15/25	32	2	CI around median	0.2	4.0	Standard	No Exceedance
13	UA	E008	Lead, total	mg/L	12/09/15 - 01/15/25	29	98	CB around T-S line	0.000739	0.0075	Standard	No Exceedance
13	UA	E008	Lithium, total	mg/L	12/09/15 - 01/15/25	28	0	CB around linear reg	0.00968	0.04	Standard	No Exceedance
13	UA	E008	Mercury, total	mg/L	12/09/15 - 01/15/25	26	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
13	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/15/25	31	24	CI around mean	0.0138	0.1	Standard	No Exceedance
13	UA	E008	pH (field)	SU	12/09/15 - 01/15/25	39	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
13	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/15/25	27	0	CI around mean	0.473	5	Standard	No Exceedance
13	UA	E008	Selenium, total	mg/L	12/09/15 - 01/15/25	31	50	CI around mean	0.00134	0.05	Standard	No Exceedance
13	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/15/25	32	0	CI around mean	76.1	400	Standard	No Exceedance
13	UA	E008	Thallium, total	mg/L	12/09/15 - 01/15/25	23	100	All ND - Last	0.002	0.002	Standard	No Exceedance
13	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/15/25	31	0	CI around mean	485	1,620	Background	No Exceedance
46	UA	E008	Antimony, total	mg/L	12/09/15 - 01/16/25	23	100	All ND - Last	0.003	0.006	Standard	No Exceedance
46	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/16/25	25	100	All ND - Last	0.001	0.010	Standard	No Exceedance
46	UA	E008	Barium, total	mg/L	12/09/15 - 01/16/25	27	0	CB around linear reg	0.0662	2.0	Standard	No Exceedance
46	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/16/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
46	UA	E008	Boron, total	mg/L	12/09/15 - 01/16/25	28	0	CI around mean	0.197	2	Standard	No Exceedance
46	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/16/25	26	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
46	UA	E008	Chloride, total	mg/L	12/09/15 - 01/16/25	28	0	CI around mean	70.8	435	Background	No Exceedance
46	UA	E008	Chromium, total	mg/L	12/09/15 - 01/16/25	25	92	CB around T-S line	0.00176	0.1	Standard	No Exceedance
46	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/16/25	26	100	All ND - Last	0.001	0.0380	Background	No Exceedance
46	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/16/25	28	4	CI around median	0.24	4.0	Standard	No Exceedance
46	UA	E008	Lead, total	mg/L	12/09/15 - 01/16/25	25	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
46	UA	E008	Lithium, total	mg/L	12/09/15 - 01/16/25	27	4	CI around mean	0.00866	0.04	Standard	No Exceedance
46	UA	E008	Mercury, total	mg/L	12/09/15 - 01/16/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
46	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/16/25	27	0	CB around T-S line	0.00956	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
46	UA	E008	pH (field)	SU	12/09/15 - 01/16/25	28	0	CB around linear reg	7.1/7.4	6.5/9.0	Standard/Standard	No Exceedance
46	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/16/25	27	0	CI around geomean	0.311	5	Standard	No Exceedance
46	UA	E008	Selenium, total	mg/L	12/09/15 - 01/16/25	27	67	CI around median	0.001	0.05	Standard	No Exceedance
46	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/16/25	28	0	CI around geomean	62.9	400	Standard	No Exceedance
46	UA	E008	Thallium, total	mg/L	12/09/15 - 01/16/25	22	100	All ND - Last	0.002	0.002	Standard	No Exceedance
46	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/16/25	28	0	CB around linear reg	454	1,620	Background	No Exceedance
47	UA	E008	Antimony, total	mg/L	12/09/15 - 01/15/25	23	100	All ND - Last	0.003	0.006	Standard	No Exceedance
47	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/15/25	25	96	CI around median	0.001	0.010	Standard	No Exceedance
47	UA	E008	Barium, total	mg/L	12/09/15 - 01/15/25	27	0	CI around mean	0.0789	2.0	Standard	No Exceedance
47	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/15/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
47	UA	E008	Boron, total	mg/L	12/09/15 - 01/15/25	28	0	CI around geomean	0.225	2	Standard	No Exceedance
47	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/15/25	26	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
47	UA	E008	Chloride, total	mg/L	12/09/15 - 01/15/25	28	0	CI around mean	73.9	435	Background	No Exceedance
47	UA	E008	Chromium, total	mg/L	12/09/15 - 01/15/25	25	96	CB around T-S line	0.00177	0.1	Standard	No Exceedance
47	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/15/25	26	85	CI around median	0.001	0.0380	Background	No Exceedance
47	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/15/25	28	4	CB around T-S line	0.215	4.0	Standard	No Exceedance
47	UA	E008	Lead, total	mg/L	12/09/15 - 01/15/25	25	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
47	UA	E008	Lithium, total	mg/L	12/09/15 - 01/15/25	27	0	CI around mean	0.00864	0.04	Standard	No Exceedance
47	UA	E008	Mercury, total	mg/L	12/09/15 - 01/15/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
47	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/15/25	27	0	CB around linear reg	0.014	0.1	Standard	No Exceedance
47	UA	E008	pH (field)	SU	12/09/15 - 01/15/25	28	0	CI around mean	7.0/7.1	6.5/9.0	Standard/Standard	No Exceedance
47	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/15/25	27	0	CI around geomean	0.315	5	Standard	No Exceedance
47	UA	E008	Selenium, total	mg/L	12/09/15 - 01/15/25	26	88	CB around T-S line	0.001	0.05	Standard	No Exceedance
47	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/15/25	28	0	CI around mean	65.1	400	Standard	No Exceedance
47	UA	E008	Thallium, total	mg/L	12/09/15 - 01/15/25	22	100	All ND - Last	0.002	0.002	Standard	No Exceedance
47	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/15/25	28	0	CI around mean	481	1,620	Background	No Exceedance
52	UA	E008	Antimony, total	mg/L	02/24/21 - 01/15/25	17	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
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
52	UA	E008	Arsenic, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.001	0.010	Standard	No Exceedance
52	UA	E008	Barium, total	mg/L	02/24/21 - 01/15/25	17	0	CI around mean	0.0759	2.0	Standard	No Exceedance
52	UA	E008	Beryllium, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
52	UA	E008	Boron, total	mg/L	02/24/21 - 01/15/25	17	0	CB around linear reg	0.241	2	Standard	No Exceedance
52	UA	E008	Cadmium, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
52	UA	E008	Chloride, total	mg/L	02/24/21 - 01/15/25	17	0	CI around mean	73.6	435	Background	No Exceedance
52	UA	E008	Chromium, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.005	0.1	Standard	No Exceedance
52	UA	E008	Cobalt, total	mg/L	02/24/21 - 01/15/25	17	94	Most recent sample	0.001	0.0380	Background	No Exceedance
52	UA	E008	Fluoride, total	mg/L	02/24/21 - 01/15/25	17	6	CI around geomean	0.263	4.0	Standard	No Exceedance
52	UA	E008	Lead, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
52	UA	E008	Lithium, total	mg/L	02/24/21 - 01/15/25	17	12	CI around mean	0.00582	0.04	Standard	No Exceedance
52	UA	E008	Mercury, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
52	UA	E008	Molybdenum, total	mg/L	02/24/21 - 01/15/25	17	0	CI around mean	0.0111	0.1	Standard	No Exceedance
52	UA	E008	pH (field)	SU	02/24/21 - 01/15/25	17	0	CI around mean	7.0/7.3	6.5/9.0	Standard/Standard	No Exceedance
52	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 01/15/25	17	0	CI around mean	0.449	5	Standard	No Exceedance
52	UA	E008	Selenium, total	mg/L	02/24/21 - 01/15/25	17	94	CB around T-S line	0.001	0.05	Standard	No Exceedance
52	UA	E008	Sulfate, total	mg/L	02/24/21 - 01/15/25	17	0	CI around mean	61.6	400	Standard	No Exceedance
52	UA	E008	Thallium, total	mg/L	02/24/21 - 01/15/25	17	94	CI around median	0.002	0.002	Standard	No Exceedance
52	UA	E008	Total Dissolved Solids	mg/L	02/24/21 - 01/15/25	16	0	CI around mean	456	1,620	Background	No Exceedance
54	UA	E008	Antimony, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
54	UA	E008	Arsenic, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.001	0.010	Standard	No Exceedance
54	UA	E008	Barium, total	mg/L	02/24/21 - 01/14/25	17	0	CB around linear reg	0.0395	2.0	Standard	No Exceedance
54	UA	E008	Beryllium, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
54	UA	E008	Boron, total	mg/L	02/24/21 - 01/14/25	17	0	CB around linear reg	0.0818	2	Standard	No Exceedance
54	UA	E008	Cadmium, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
54	UA	E008	Chloride, total	mg/L	02/24/21 - 01/14/25	17	0	CI around mean	75.9	435	Background	No Exceedance
54	UA	E008	Chromium, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.005	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
54	UA	E008	Cobalt, total	mg/L	02/24/21 - 01/14/25	17	88	CI around median	0.001	0.0380	Background	No Exceedance
54	UA	E008	Fluoride, total	mg/L	02/24/21 - 01/14/25	17	6	CB around T-S line	0.0718	4.0	Standard	No Exceedance
54	UA	E008	Lead, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
54	UA	E008	Lithium, total	mg/L	02/24/21 - 01/14/25	17	0	CB around T-S line	0.00608	0.04	Standard	No Exceedance
54	UA	E008	Mercury, total	mg/L	02/24/21 - 01/14/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
54	UA	E008	Molybdenum, total	mg/L	02/24/21 - 01/14/25	17	0	CI around mean	0.0228	0.1	Standard	No Exceedance
54	UA	E008	pH (field)	SU	02/24/21 - 01/14/25	17	0	CI around mean	7.1/7.4	6.5/9.0	Standard/Standard	No Exceedance
54	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 01/14/25	17	0	CI around median	0.138	5	Standard	No Exceedance
54	UA	E008	Selenium, total	mg/L	02/24/21 - 01/14/25	17	59	CB around T-S line	0.00193	0.05	Standard	No Exceedance
54	UA	E008	Sulfate, total	mg/L	02/24/21 - 01/14/25	17	0	CI around mean	74.2	400	Standard	No Exceedance
54	UA	E008	Thallium, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
54	UA	E008	Total Dissolved Solids	mg/L	02/24/21 - 01/14/25	15	0	CI around mean	491	1,620	Background	No Exceedance

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

Notes:

Compliance Result:

No Exceedance: the statistical result did not exceed 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 East Ash Pond. 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:

NA

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

Most recent sample = Result for the most recently collected sample used due to insufficient data

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

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

GWPS Source:

Background = background concentration

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

FIGURES



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

0 175 350 Feet

MONITORING WELL LOCATION
MAP

EAST ASH POND
HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

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

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

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
07	Background	01/13/2025	69.74	449.05
08	Background	01/13/2025	55.44	446.07
08D	Background	01/13/2025	55.75	446.02
12	Compliance	01/13/2025	Dry	Dry
13	Compliance	01/13/2025	52.95	445.99
16	Background	01/13/2025	56.00	445.95
17	Background	01/13/2025	60.50	447.33
46	Compliance	01/13/2025	53.28	445.91
47	Compliance	01/13/2025	57.45	445.92
52	Compliance	01/13/2025	55.55	445.95
54	Compliance	01/13/2025	54.86	445.92
XSG01	Water Level	01/13/2025	10.40	487.24
SG02	Water Level	01/13/2025	NA	441.00

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

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 02/04/25 13:22:39

JOB DESCRIPTION

HEN-25Q1
HEN_845_803

JOB NUMBER

500-262718-9

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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02/04/25 13:22:39

Authorized for release by
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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9

Client: Vistra Energy Corp
Project: HEN-25Q1

Job ID: 500-262718-9

Eurofins Chicago

Job Narrative 500-262718-9

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: XPW02 (500-262718-21) and XPW03 (500-262718-22). 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.

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Detection Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: 08&D

Lab Sample ID: 500-262718-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.014		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.097		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.11	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.00031	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	190		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0014		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00032	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	55		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	3.7		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	240		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	270		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	160		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	450	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1200		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)	55.85				ft	1		Field Sampling	Total/NA
Field pH	7.11				SU	1		Field Sampling	Total/NA
Field Temperature	11.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	154.8				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.19				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2097				umhos/cm	1		Field Sampling	Total/NA
Turbidity	2.39				NTU	1		Field Sampling	Total/NA

Client Sample ID: 54

Lab Sample ID: 500-262718-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.013		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00027	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.050		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.57	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	82		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	31		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.029		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	4.6		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0014	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	60		0.20	0.077	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

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Detection Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: 54 (Continued)

Lab Sample ID: 500-262718-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	85		1.0	0.42	mg/L	1			300.0	Total/NA
Sulfate	83		1.0	0.47	mg/L	1			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	230	B	5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	510		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.31		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	54.90				ft	1			Field Sampling	Total/NA
Field pH	7.38				SU	1			Field Sampling	Total/NA
Field Temperature	15.4				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	72.4				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	1.42				mg/L	1			Field Sampling	Total/NA
Specific Conductance	931				umhos/cm	1			Field Sampling	Total/NA
Turbidity	6.25				NTU	1			Field Sampling	Total/NA

Client Sample ID: 54_FD

Lab Sample ID: 500-262718-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.014		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.00023	J	0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.050		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	0.55	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Calcium	82		0.20	0.044	mg/L	1			6020B	Total Recoverable
Magnesium	30		0.20	0.049	mg/L	1			6020B	Total Recoverable
Molybdenum	0.030		0.0050	0.0025	mg/L	1			6020B	Total Recoverable
Potassium	4.6		0.50	0.11	mg/L	1			6020B	Total Recoverable
Selenium	0.0012	J	0.0025	0.00098	mg/L	1			6020B	Total Recoverable
Sodium	60		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	89		1.0	0.42	mg/L	1			300.0	Total/NA
Sulfate	86		1.0	0.47	mg/L	1			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	240	B	5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	510		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.31		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	54.90				ft	1			Field Sampling	Total/NA
Field pH	7.38				SU	1			Field Sampling	Total/NA
Field Temperature	15.4				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	72.4				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	1.42				mg/L	1			Field Sampling	Total/NA
Specific Conductance	931				umhos/cm	1			Field Sampling	Total/NA
Turbidity	6.25				NTU	1			Field Sampling	Total/NA

Client Sample ID: 13

Lab Sample ID: 500-262718-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.016		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
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: 13 (Continued)

Lab Sample ID: 500-262718-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00033	J	0.0010	0.00023	mg/L	1		6020B	Total
Barium	0.044		0.0025	0.00073	mg/L	1		6020B	Recoverable
Boron	0.85	B	0.050	0.013	mg/L	1		6020B	Total
Calcium	74		0.20	0.044	mg/L	1		6020B	Recoverable
Magnesium	29		0.20	0.049	mg/L	1		6020B	Total
Molybdenum	0.012		0.0050	0.0025	mg/L	1		6020B	Recoverable
Potassium	4.2		0.50	0.11	mg/L	1		6020B	Total
Sodium	63		0.20	0.077	mg/L	1		6020B	Recoverable
Chloride	79		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	100		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	210	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	550		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.21		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	53.05				ft	1		Field Sampling	Total/NA
Field pH	7.55				SU	1		Field Sampling	Total/NA
Field Temperature	14.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	71.6				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.28				mg/L	1		Field Sampling	Total/NA
Specific Conductance	964				umhos/cm	1		Field Sampling	Total/NA
Turbidity	2.68				NTU	1		Field Sampling	Total/NA

Client Sample ID: 17

Lab Sample ID: 500-262718-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0080		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Barium	0.11		0.0025	0.00073	mg/L	1		6020B	Recoverable
Boron	0.13	B	0.050	0.013	mg/L	1		6020B	Total
Calcium	98		0.20	0.044	mg/L	1		6020B	Recoverable
Lead	0.00029	J	0.00050	0.00019	mg/L	1		6020B	Total
Magnesium	39		0.20	0.049	mg/L	1		6020B	Recoverable
Molybdenum	0.0050		0.0050	0.0025	mg/L	1		6020B	Total
Potassium	4.8		0.50	0.11	mg/L	1		6020B	Recoverable
Sodium	51		0.20	0.077	mg/L	1		6020B	Total
Chloride	68		1.0	0.42	mg/L	1		300.0	Recoverable
Sulfate	63		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	580		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.26		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	60.50				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: 17 (Continued)

Lab Sample ID: 500-262718-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field pH	7.18				SU	1		Field Sampling	Total/NA
Field Temperature	16.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	94.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	3.74				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1031				umhos/cm	1		Field Sampling	Total/NA
Turbidity	2.12				NTU	1		Field Sampling	Total/NA

Client Sample ID: 47

Lab Sample ID: 500-262718-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.011		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.075		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.47	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	91		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.023		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	4.3		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	58		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	84		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	85		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	280		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	570		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.27		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	57.49				ft	1		Field Sampling	Total/NA
Field pH	7.16				SU	1		Field Sampling	Total/NA
Field Temperature	15.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	75.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	2.29				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1916				umhos/cm	1		Field Sampling	Total/NA
Turbidity	2.22				NTU	1		Field Sampling	Total/NA

Client Sample ID: 52

Lab Sample ID: 500-262718-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0088		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.082		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.30	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	92		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.011		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	4.6		0.50	0.11	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
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: 52 (Continued)

Lab Sample ID: 500-262718-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.0012	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	63		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	84		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	80		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	280		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	600		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.26		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	55.56				ft	1		Field Sampling	Total/NA
Field pH	7.15				SU	1		Field Sampling	Total/NA
Field Temperature	17.0				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	110.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	3.15				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1911				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.98				NTU	1		Field Sampling	Total/NA

Client Sample ID: XPW01

Lab Sample ID: 500-262718-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.056		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0028		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.088		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.0	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	22		0.20	0.044	mg/L	1		6020B	Total Recoverable
Lead	0.00033	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Molybdenum	0.058		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	39		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0063		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	150		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	56		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	170		1.0	0.47	mg/L	1		300.0	Total/NA
Carbonate Alkalinity as CaCO3	86		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	610		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.35		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	9.80				ft	1		Field Sampling	Total/NA
Field pH	11.83				SU	1		Field Sampling	Total/NA
Field Temperature	15.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	80.8				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.10				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1195				umhos/cm	1		Field Sampling	Total/NA
Turbidity	399.7				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
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: XPW02

Lab Sample ID: 500-262718-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.013		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0080		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.17		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	3.9	B	0.25	0.064	mg/L	5		6020B	Total Recoverable
Calcium	21		1.0	0.22	mg/L	5		6020B	Total Recoverable
Chromium	0.0019	J	0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Lead	0.00075		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	0.18	J	0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.60		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	61		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.12		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	540		0.20	0.077	mg/L	1		6020B	Total Recoverable
Mercury	0.00011	J	0.00020	0.000076	mg/L	1		7470A	Total/NA
Chloride	43		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	410		10	4.7	mg/L	10		300.0	Total/NA
Carbonate Alkalinity as CaCO3	210		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1700		17	7.2	mg/L	1		SM 2540C	Total/NA
Fluoride	1.2		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	15.70				ft	1		Field Sampling	Total/NA
Field pH	12.81				SU	1		Field Sampling	Total/NA
Field Temperature	14.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	58.5				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.94				mg/L	1		Field Sampling	Total/NA
Specific Conductance	4873				umhos/cm	1		Field Sampling	Total/NA
Turbidity	198.00				NTU	1		Field Sampling	Total/NA

Client Sample ID: XPW03

Lab Sample ID: 500-262718-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.058		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	0.31		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.9	B	0.25	0.064	mg/L	5		6020B	Total Recoverable
Calcium	91		1.0	0.22	mg/L	5		6020B	Total Recoverable
Lead	0.00019	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Molybdenum	0.076		0.0050	0.0025	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
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: XPW03 (Continued)

Lab Sample ID: 500-262718-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	29		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0090		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	130		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	49		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	270		10	4.7	mg/L	10		300.0	Total/NA
Carbonate Alkalinity as CaCO3	44		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	690		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)	7.95				ft	1		Field Sampling	Total/NA
Field pH	12.32				SU	1		Field Sampling	Total/NA
Field Temperature	12.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	15.5				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.21				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1742				umhos/cm	1		Field Sampling	Total/NA
Turbidity	282.82				NTU	1		Field Sampling	Total/NA

Client Sample ID: 46

Lab Sample ID: 500-262718-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0098		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.064		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.22	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	72		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	27		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.021		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	4.1		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	62		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	95		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	84		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	210	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	500		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.26		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	53.25				ft	1		Field Sampling	Total/NA
Field pH	7.58				SU	1		Field Sampling	Total/NA
Field Temperature	15.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	142.2				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	2.68				mg/L	1		Field Sampling	Total/NA
Specific Conductance	914				umhos/cm	1		Field Sampling	Total/NA
Turbidity	2.38				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
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: 07

Lab Sample ID: 500-262718-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0098		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.092		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.070	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	130		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0026		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00020	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	42		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.0		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0011	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	31		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	60		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	62		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	630		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)	69.68				ft	1		Field Sampling	Total/NA
Field pH	6.81				SU	1		Field Sampling	Total/NA
Field Temperature	10.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	171.4				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	5.57				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1136				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.93				NTU	1		Field Sampling	Total/NA

Client Sample ID: 08

Lab Sample ID: 500-262718-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.016		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.10		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.12	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.00045	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	180		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0027		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	48		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	7.8		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	130		0.20	0.077	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
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: 08 (Continued)

Lab Sample ID: 500-262718-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	260		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	120		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	470	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1200		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.098	J	0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	52.24				ft	1		Field Sampling	Total/NA
Field pH	6.71				SU	1		Field Sampling	Total/NA
Field Temperature	12.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	178.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.42				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2036				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.95				NTU	1		Field Sampling	Total/NA

Client Sample ID: 16

Lab Sample ID: 500-262718-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0090		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Barium	0.066		0.0025	0.00073	mg/L	1		6020B	Recoverable
Boron	0.17	B	0.050	0.013	mg/L	1		6020B	Total
Calcium	77		0.20	0.044	mg/L	1		6020B	Recoverable
Lead	0.00026	J	0.00050	0.00019	mg/L	1		6020B	Total
Magnesium	27		0.20	0.049	mg/L	1		6020B	Recoverable
Molybdenum	0.0077		0.0050	0.0025	mg/L	1		6020B	Total
Potassium	3.8		0.50	0.11	mg/L	1		6020B	Recoverable
Sodium	58		0.20	0.077	mg/L	1		6020B	Total
Chloride	91		1.0	0.42	mg/L	1		300.0	Recoverable
Sulfate	82		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	230		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	510		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.24		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	55.50				ft	1		Field Sampling	Total/NA
Field pH	7.31				SU	1		Field Sampling	Total/NA
Field Temperature	16.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	149.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.29				mg/L	1		Field Sampling	Total/NA
Specific Conductance	927				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.24				NTU	1		Field Sampling	Total/NA

Client Sample ID: 16_FD

Lab Sample ID: 500-262718-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0073		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Barium	0.067		0.0025	0.00073	mg/L	1		6020B	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
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
JEN 1245808
SDG: HEN_845_803

Client Sample ID: 16_FD (Continued)

Lab Sample ID: 500-262718-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.17	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	78		0.20	0.044	mg/L	1		6020B	Total Recoverable
Lead	0.00022	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	28		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0077		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	3.9		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	59		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	92		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	83		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	230		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	500		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.24		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	55.50				ft	1		Field Sampling	Total/NA
Field pH	7.31				SU	1		Field Sampling	Total/NA
Field Temperature	16.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	149.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.29				mg/L	1		Field Sampling	Total/NA
Specific Conductance	927				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.24				NTU	1		Field Sampling	Total/NA

Client Sample ID: 55

Lab Sample ID: 500-262718-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	52.56				ft	1		Field Sampling	Total/NA

Client Sample ID: XSG01

Lab Sample ID: 500-262718-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	10.40				ft	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, EAST ASH POND
Job ID: 590-262718-9
JEN 1845908
SDG: HEN_845_803

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
JEN 045908
SDG: HEN_845_803

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-262718-4	08&D	Water	01/14/25 13:45	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
500-262718-18	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
500-262718-20	XPW01	Water	01/15/25 10:20	01/16/25 12:17
500-262718-21	XPW02	Water	01/15/25 11:15	01/16/25 12:17
500-262718-22	XPW03	Water	01/15/25 09:00	01/16/25 12:17
500-262718-29	46	Water	01/16/25 12:35	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
500-262718-47	55	Water	01/13/25 12:51	01/15/25 12:16
500-262718-48	XSG01	Water	01/13/25 14:12	01/15/25 12:16
500-262718-49	YSG_ILRIVER (SG02)	Water	01/13/25 10:15	01/15/25 12:16

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

Client Sample Results

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

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.014		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 19:50	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 14:12	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/16/25 08:24	01/17/25 14:12	1
Barium	0.097		0.0025	0.00073	mg/L		01/16/25 08:24	01/17/25 14:12	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/16/25 08:24	01/17/25 14:12	1
Boron	0.11	B	0.050	0.013	mg/L		01/16/25 08:24	01/17/25 14:12	1
Cadmium	0.00031	J	0.00050	0.00017	mg/L		01/16/25 08:24	01/17/25 14:12	1
Calcium	190		0.20	0.044	mg/L		01/16/25 08:24	01/17/25 14:12	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/16/25 08:24	01/17/25 14:12	1
Cobalt	0.0014		0.0010	0.00040	mg/L		01/16/25 08:24	01/17/25 14:12	1
Lead	0.00032	J	0.00050	0.00019	mg/L		01/16/25 08:24	01/17/25 14:12	1
Magnesium	55		0.20	0.049	mg/L		01/16/25 08:24	01/17/25 14:12	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		01/16/25 08:24	01/17/25 14:12	1
Potassium	3.7		0.50	0.11	mg/L		01/16/25 08:24	01/17/25 14:12	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/16/25 08:24	01/17/25 14:12	1
Sodium	240		0.20	0.077	mg/L		01/16/25 08:24	01/17/25 14:12	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/16/25 08:24	01/17/25 14:12	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 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	270		10	4.2	mg/L			01/18/25 12:37	10
Sulfate (EPA 300.0)	160		10	4.7	mg/L			01/18/25 12:37	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	450	B	5.0	3.7	mg/L			01/16/25 11:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/16/25 11:56	1
Total Dissolved Solids (SM 2540C)	1200		10	4.3	mg/L			01/16/25 00:45	1
Fluoride (SM 4500 F C)	0.13		0.10	0.056	mg/L			01/16/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	55.85				ft			01/14/25 13:45	1
Field pH	7.11				SU			01/14/25 13:45	1
Field Temperature	11.8				Degrees C			01/14/25 13:45	1
Oxidation Reduction Potential	154.8				millivolts			01/14/25 13:45	1
Oxygen, Dissolved	0.19				mg/L			01/14/25 13:45	1
Specific Conductance	2097				umhos/cm			01/14/25 13:45	1
Turbidity	2.39				NTU			01/14/25 13:45	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.013		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 20:22	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 14:25	1
Arsenic	0.00027	J	0.0010	0.00023	mg/L		01/16/25 08:24	01/17/25 14:25	1
Barium	0.050		0.0025	0.00073	mg/L		01/16/25 08:24	01/17/25 14:25	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/16/25 08:24	01/17/25 14:25	1
Boron	0.57	B	0.050	0.013	mg/L		01/16/25 08:24	01/17/25 14:25	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/16/25 08:24	01/17/25 14:25	1
Calcium	82		0.20	0.044	mg/L		01/16/25 08:24	01/17/25 14:25	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/16/25 08:24	01/17/25 14:25	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/16/25 08:24	01/17/25 14:25	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/16/25 08:24	01/17/25 14:25	1
Magnesium	31		0.20	0.049	mg/L		01/16/25 08:24	01/17/25 14:25	1
Molybdenum	0.029		0.0050	0.0025	mg/L		01/16/25 08:24	01/17/25 14:25	1
Potassium	4.6		0.50	0.11	mg/L		01/16/25 08:24	01/17/25 14:25	1
Selenium	0.0014	J	0.0025	0.00098	mg/L		01/16/25 08:24	01/17/25 14:25	1
Sodium	60		0.20	0.077	mg/L		01/16/25 08:24	01/17/25 14:25	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/16/25 08:24	01/17/25 14:25	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 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	85		1.0	0.42	mg/L			01/18/25 14:55	1
Sulfate (EPA 300.0)	83		1.0	0.47	mg/L			01/18/25 14:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	230	B	5.0	3.7	mg/L			01/16/25 12:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/16/25 12:45	1
Total Dissolved Solids (SM 2540C)	510		10	4.3	mg/L			01/16/25 00:58	1
Fluoride (SM 4500 F C)	0.31		0.10	0.056	mg/L			01/16/25 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)	54.90				ft			01/14/25 15:30	1
Field pH	7.38				SU			01/14/25 15:30	1
Field Temperature	15.4				Degrees C			01/14/25 15:30	1
Oxidation Reduction Potential	72.4				millivolts			01/14/25 15:30	1
Oxygen, Dissolved	1.42				mg/L			01/14/25 15:30	1
Specific Conductance	931				umhos/cm			01/14/25 15:30	1
Turbidity	6.25				NTU			01/14/25 15:30	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: 54_FD

Lab Sample ID: 500-262718-10

Date Collected: 01/14/25 15:40

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	0.014		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 20:27	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 14:28	1
Arsenic	0.00023	J	0.0010	0.00023	mg/L		01/16/25 08:24	01/17/25 14:28	1
Barium	0.050		0.0025	0.00073	mg/L		01/16/25 08:24	01/17/25 14:28	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/16/25 08:24	01/17/25 14:28	1
Boron	0.55	B	0.050	0.013	mg/L		01/16/25 08:24	01/17/25 14:28	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/16/25 08:24	01/17/25 14:28	1
Calcium	82		0.20	0.044	mg/L		01/16/25 08:24	01/17/25 14:28	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/16/25 08:24	01/17/25 14:28	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/16/25 08:24	01/17/25 14:28	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/16/25 08:24	01/17/25 14:28	1
Magnesium	30		0.20	0.049	mg/L		01/16/25 08:24	01/17/25 14:28	1
Molybdenum	0.030		0.0050	0.0025	mg/L		01/16/25 08:24	01/17/25 14:28	1
Potassium	4.6		0.50	0.11	mg/L		01/16/25 08:24	01/17/25 14:28	1
Selenium	0.0012	J	0.0025	0.00098	mg/L		01/16/25 08:24	01/17/25 14:28	1
Sodium	60		0.20	0.077	mg/L		01/16/25 08:24	01/17/25 14:28	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/16/25 08:24	01/17/25 14:28	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 09:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	89		1.0	0.42	mg/L			01/18/25 15:41	1
Sulfate (EPA 300.0)	86		1.0	0.47	mg/L			01/18/25 15:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	240	B	5.0	3.7	mg/L			01/16/25 12:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/16/25 12:57	1
Total Dissolved Solids (SM 2540C)	510		10	4.3	mg/L			01/16/25 01:01	1
Fluoride (SM 4500 F C)	0.31		0.10	0.056	mg/L			01/16/25 16:13	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	54.90				ft			01/14/25 15:40	1
Field pH	7.38				SU			01/14/25 15:40	1
Field Temperature	15.4				Degrees C			01/14/25 15:40	1
Oxidation Reduction Potential	72.4				millivolts			01/14/25 15:40	1
Oxygen, Dissolved	1.42				mg/L			01/14/25 15:40	1
Specific Conductance	931				umhos/cm			01/14/25 15:40	1
Turbidity	6.25				NTU			01/14/25 15:40	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.016		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 20:31	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 14:41	1
Arsenic	0.00033	J	0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 14:41	1
Barium	0.044		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 14:41	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 14:41	1
Boron	0.85	B	0.050	0.013	mg/L		01/21/25 16:16	01/24/25 13:05	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 14:41	1
Calcium	74		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 13:05	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 14:41	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 14:41	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 14:41	1
Magnesium	29		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 14:41	1
Molybdenum	0.012		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 14:41	1
Potassium	4.2		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 14:41	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 14:41	1
Sodium	63		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 14:41	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 14:41	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		01/22/25 10:35	01/23/25 09:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	79		1.0	0.42	mg/L			01/18/25 01:07	1
Sulfate (EPA 300.0)	100		1.0	0.47	mg/L			01/18/25 01:07	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	210	B	5.0	3.7	mg/L			01/17/25 13:51	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 13:51	1
Total Dissolved Solids (SM 2540C)	550		10	4.3	mg/L			01/20/25 03:33	1
Fluoride (SM 4500 F C)	0.21		0.10	0.056	mg/L			01/21/25 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)	53.05				ft			01/15/25 14:05	1
Field pH	7.55				SU			01/15/25 14:05	1
Field Temperature	14.1				Degrees C			01/15/25 14:05	1
Oxidation Reduction Potential	71.6				millivolts			01/15/25 14:05	1
Oxygen, Dissolved	0.28				mg/L			01/15/25 14:05	1
Specific Conductance	964				umhos/cm			01/15/25 14:05	1
Turbidity	2.68				NTU			01/15/25 14:05	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0080		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 20:36	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 14:43	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 14:43	1
Barium	0.11		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 14:43	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 14:43	1
Boron	0.13	B	0.050	0.013	mg/L		01/21/25 16:16	01/24/25 13:08	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 14:43	1
Calcium	98		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 13:08	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 14:43	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 14:43	1
Lead	0.00029	J	0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 14:43	1
Magnesium	39		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 14:43	1
Molybdenum	0.0050		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 14:43	1
Potassium	4.8		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 14:43	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 14:43	1
Sodium	51		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 14:43	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 14:43	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 09:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	68		1.0	0.42	mg/L			01/18/25 02:08	1
Sulfate (EPA 300.0)	63		1.0	0.47	mg/L			01/18/25 02:08	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	330	B	5.0	3.7	mg/L			01/17/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 15:02	1
Total Dissolved Solids (SM 2540C)	580		10	4.3	mg/L			01/20/25 03:36	1
Fluoride (SM 4500 F C)	0.26		0.10	0.056	mg/L			01/21/25 14:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	60.50				ft			01/15/25 12:20	1
Field pH	7.18				SU			01/15/25 12:20	1
Field Temperature	16.2				Degrees C			01/15/25 12:20	1
Oxidation Reduction Potential	94.7				millivolts			01/15/25 12:20	1
Oxygen, Dissolved	3.74				mg/L			01/15/25 12:20	1
Specific Conductance	1031				umhos/cm			01/15/25 12:20	1
Turbidity	2.12				NTU			01/15/25 12:20	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.011		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 21:07	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 14:56	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 14:56	1
Barium	0.075		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 14:56	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 14:56	1
Boron	0.47	B	0.050	0.013	mg/L		01/21/25 16:16	01/27/25 16:09	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 14:56	1
Calcium	91		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 13:37	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 14:56	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 14:56	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 14:56	1
Magnesium	29		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 14:56	1
Molybdenum	0.023		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 14:56	1
Potassium	4.3		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 14:56	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 14:56	1
Sodium	58		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 14:56	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 14:56	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 09:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	84		1.0	0.42	mg/L			01/18/25 04:56	1
Sulfate (EPA 300.0)	85		1.0	0.47	mg/L			01/18/25 04:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	280		5.0	3.7	mg/L			01/17/25 16:03	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 16:03	1
Total Dissolved Solids (SM 2540C)	570		10	4.3	mg/L			01/20/25 03:49	1
Fluoride (SM 4500 F C)	0.27		0.10	0.056	mg/L			01/21/25 14:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	57.49				ft			01/15/25 11:35	1
Field pH	7.16				SU			01/15/25 11:35	1
Field Temperature	15.7				Degrees C			01/15/25 11:35	1
Oxidation Reduction Potential	75.7				millivolts			01/15/25 11:35	1
Oxygen, Dissolved	2.29				mg/L			01/15/25 11:35	1
Specific Conductance	1916				umhos/cm			01/15/25 11:35	1
Turbidity	2.22				NTU			01/15/25 11:35	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0088		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 21:12	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 14:58	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 14:58	1
Barium	0.082		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 14:58	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 14:58	1
Boron	0.30	B	0.050	0.013	mg/L		01/21/25 16:16	01/27/25 16:12	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 14:58	1
Calcium	92		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 13:39	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 14:58	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 14:58	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 14:58	1
Magnesium	29		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 14:58	1
Molybdenum	0.011		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 14:58	1
Potassium	4.6		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 14:58	1
Selenium	0.0012	J	0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 14:58	1
Sodium	63		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 14:58	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 14:58	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 09:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	84		1.0	0.42	mg/L			01/18/25 05:12	1
Sulfate (EPA 300.0)	80		1.0	0.47	mg/L			01/18/25 05:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	280		5.0	3.7	mg/L			01/17/25 16:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 16:12	1
Total Dissolved Solids (SM 2540C)	600		10	4.3	mg/L			01/20/25 03:52	1
Fluoride (SM 4500 F C)	0.26		0.10	0.056	mg/L			01/21/25 15:04	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	55.56				ft			01/15/25 12:45	1
Field pH	7.15				SU			01/15/25 12:45	1
Field Temperature	17.0				Degrees C			01/15/25 12:45	1
Oxidation Reduction Potential	110.7				millivolts			01/15/25 12:45	1
Oxygen, Dissolved	3.15				mg/L			01/15/25 12:45	1
Specific Conductance	1911				umhos/cm			01/15/25 12:45	1
Turbidity	1.98				NTU			01/15/25 12:45	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: XPW01

Lab Sample ID: 500-262718-20

Date Collected: 01/15/25 10:20

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	0.056		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 21:17	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 15:01	1
Arsenic	0.0028		0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 15:01	1
Barium	0.088		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 15:01	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 15:01	1
Boron	2.0	B	0.050	0.013	mg/L		01/21/25 16:16	01/27/25 16:16	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 15:01	1
Calcium	22		0.20	0.044	mg/L		01/21/25 16:16	01/24/25 13:42	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 15:01	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 15:01	1
Lead	0.00033	J	0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 15:01	1
Magnesium	<0.20		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 15:01	1
Molybdenum	0.058		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 15:01	1
Potassium	39		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 15:01	1
Selenium	0.0063		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 15:01	1
Sodium	150		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 15:01	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 15:01	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 09:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	56		1.0	0.42	mg/L			01/18/25 05:27	1
Sulfate (EPA 300.0)	170		1.0	0.47	mg/L			01/18/25 05:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 16:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	86		5.0	3.7	mg/L			01/17/25 16:22	1
Total Dissolved Solids (SM 2540C)	610		10	4.3	mg/L			01/20/25 03:54	1
Fluoride (SM 4500 F C)	0.35		0.10	0.056	mg/L			01/21/25 15:20	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	9.80				ft			01/15/25 10:20	1
Field pH	11.83				SU			01/15/25 10:20	1
Field Temperature	15.4				Degrees C			01/15/25 10:20	1
Oxidation Reduction Potential	80.8				millivolts			01/15/25 10:20	1
Oxygen, Dissolved	0.10				mg/L			01/15/25 10:20	1
Specific Conductance	1195				umhos/cm			01/15/25 10:20	1
Turbidity	399.7				NTU			01/15/25 10:20	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: XPW02

Lab Sample ID: 500-262718-21

Date Collected: 01/15/25 11:15

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	0.013		0.0050	0.0020	mg/L		01/21/25 15:59	01/22/25 21:21	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 16:16	01/22/25 15:03	1
Arsenic	0.0080		0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 15:03	1
Barium	0.17		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 15:03	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 15:03	1
Boron	3.9	B	0.25	0.064	mg/L		01/21/25 16:16	01/27/25 16:20	5
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 15:03	1
Calcium	21		1.0	0.22	mg/L		01/21/25 16:16	01/24/25 13:44	5
Chromium	0.0019	J	0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 15:03	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 15:03	1
Lead	0.00075		0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 15:03	1
Magnesium	0.18	J	0.20	0.049	mg/L		01/21/25 16:16	01/22/25 15:03	1
Molybdenum	0.60		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 15:03	1
Potassium	61		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 15:03	1
Selenium	0.12		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 15:03	1
Sodium	540		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 15:03	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 15:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00011	J	0.00020	0.000076	mg/L		01/23/25 14:20	01/24/25 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	43		1.0	0.42	mg/L			01/18/25 05:42	1
Sulfate (EPA 300.0)	410		10	4.7	mg/L			01/25/25 21:19	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 16:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	210		5.0	3.7	mg/L			01/17/25 16:34	1
Total Dissolved Solids (SM 2540C)	1700		17	7.2	mg/L			01/20/25 03:57	1
Fluoride (SM 4500 F C)	1.2		0.10	0.056	mg/L			01/21/25 15:26	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	15.70				ft			01/15/25 11:15	1
Field pH	12.81				SU			01/15/25 11:15	1
Field Temperature	14.8				Degrees C			01/15/25 11:15	1
Oxidation Reduction Potential	58.5				millivolts			01/15/25 11:15	1
Oxygen, Dissolved	0.94				mg/L			01/15/25 11:15	1
Specific Conductance	4873				umhos/cm			01/15/25 11:15	1
Turbidity	198.00				NTU			01/15/25 11:15	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: XPW03

Lab Sample ID: 500-262718-22

Date Collected: 01/15/25 09:00

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	0.058		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 12:27	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 15:11	1
Arsenic	0.0015		0.0010	0.00023	mg/L		01/21/25 16:16	01/22/25 15:11	1
Barium	0.31		0.0025	0.00073	mg/L		01/21/25 16:16	01/22/25 15:11	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:16	01/22/25 15:11	1
Boron	2.9	B	0.25	0.064	mg/L		01/21/25 16:16	01/27/25 16:24	5
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:16	01/22/25 15:11	1
Calcium	91		1.0	0.22	mg/L		01/21/25 16:16	01/24/25 13:47	5
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:16	01/22/25 15:11	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:16	01/22/25 15:11	1
Lead	0.00019	J	0.00050	0.00019	mg/L		01/21/25 16:16	01/22/25 15:11	1
Magnesium	<0.20		0.20	0.049	mg/L		01/21/25 16:16	01/22/25 15:11	1
Molybdenum	0.076		0.0050	0.0025	mg/L		01/21/25 16:16	01/22/25 15:11	1
Potassium	29		0.50	0.11	mg/L		01/21/25 16:16	01/22/25 15:11	1
Selenium	0.0090		0.0025	0.00098	mg/L		01/21/25 16:16	01/22/25 15:11	1
Sodium	130		0.20	0.077	mg/L		01/21/25 16:16	01/22/25 15:11	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:16	01/22/25 15:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		01/23/25 14:20	01/24/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	49		1.0	0.42	mg/L			01/18/25 05:57	1
Sulfate (EPA 300.0)	270		10	4.7	mg/L			01/25/25 21:34	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/17/25 16:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	44		5.0	3.7	mg/L			01/17/25 16:47	1
Total Dissolved Solids (SM 2540C)	690		10	4.3	mg/L			01/20/25 03:59	1
Fluoride (SM 4500 F C)	0.14		0.10	0.056	mg/L			01/21/25 15:34	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	7.95				ft			01/15/25 09:00	1
Field pH	12.32				SU			01/15/25 09:00	1
Field Temperature	12.9				Degrees C			01/15/25 09:00	1
Oxidation Reduction Potential	15.5				millivolts			01/15/25 09:00	1
Oxygen, Dissolved	0.21				mg/L			01/15/25 09:00	1
Specific Conductance	1742				umhos/cm			01/15/25 09:00	1
Turbidity	282.82				NTU			01/15/25 09:00	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0098		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 12:49	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		01/23/25 15:59	01/27/25 15:37	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/23/25 15:59	01/27/25 15:37	1
Barium	0.064		0.0025	0.00073	mg/L		01/23/25 15:59	01/27/25 15:37	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/23/25 15:59	01/27/25 15:37	1
Boron	0.22	B	0.050	0.013	mg/L		01/23/25 15:59	01/27/25 15:37	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/23/25 15:59	01/27/25 15:37	1
Calcium	72		0.20	0.044	mg/L		01/23/25 15:59	01/27/25 15:37	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/23/25 15:59	01/27/25 15:37	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/23/25 15:59	01/27/25 15:37	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/23/25 15:59	01/27/25 15:37	1
Magnesium	27		0.20	0.049	mg/L		01/23/25 15:59	01/27/25 15:37	1
Molybdenum	0.021		0.0050	0.0025	mg/L		01/23/25 15:59	01/27/25 15:37	1
Potassium	4.1		0.50	0.11	mg/L		01/23/25 15:59	01/27/25 15:37	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/23/25 15:59	01/27/25 15:37	1
Sodium	62		0.20	0.077	mg/L		01/23/25 15:59	01/27/25 15:37	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/23/25 15:59	01/27/25 15:37	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 10:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	95		1.0	0.42	mg/L			01/22/25 20:29	1
Sulfate (EPA 300.0)	84		1.0	0.47	mg/L			01/22/25 20:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	210	B	5.0	3.7	mg/L			01/20/25 17:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/20/25 17:29	1
Total Dissolved Solids (SM 2540C)	500		10	4.3	mg/L			01/20/25 05:59	1
Fluoride (SM 4500 F C)	0.26		0.10	0.056	mg/L			01/21/25 16:18	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	53.25				ft			01/16/25 12:35	1
Field pH	7.58				SU			01/16/25 12:35	1
Field Temperature	15.4				Degrees C			01/16/25 12:35	1
Oxidation Reduction Potential	142.2				millivolts			01/16/25 12:35	1
Oxygen, Dissolved	2.68				mg/L			01/16/25 12:35	1
Specific Conductance	914				umhos/cm			01/16/25 12:35	1
Turbidity	2.38				NTU			01/16/25 12:35	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0098		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 13:03	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 16:22	01/22/25 16:06	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:22	01/22/25 16:06	1
Barium	0.092		0.0025	0.00073	mg/L		01/21/25 16:22	01/22/25 16:06	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:22	01/22/25 16:06	1
Boron	0.070	B	0.050	0.013	mg/L		01/21/25 16:22	01/23/25 17:22	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:22	01/22/25 16:06	1
Calcium	130		0.20	0.044	mg/L		01/21/25 16:22	01/24/25 12:26	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:22	01/22/25 16:06	1
Cobalt	0.0026		0.0010	0.00040	mg/L		01/21/25 16:22	01/22/25 16:06	1
Lead	0.00020	J	0.00050	0.00019	mg/L		01/21/25 16:22	01/22/25 16:06	1
Magnesium	42		0.20	0.049	mg/L		01/21/25 16:22	01/22/25 16:06	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		01/21/25 16:22	01/22/25 16:06	1
Potassium	2.0		0.50	0.11	mg/L		01/21/25 16:22	01/22/25 16:06	1
Selenium	0.0011	J	0.0025	0.00098	mg/L		01/21/25 16:22	01/22/25 16:06	1
Sodium	31		0.20	0.077	mg/L		01/21/25 16:22	01/22/25 16:06	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:22	01/22/25 16:06	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 09:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	60		1.0	0.42	mg/L			01/22/25 22:32	1
Sulfate (EPA 300.0)	62		1.0	0.47	mg/L			01/22/25 22:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	380	B	5.0	3.7	mg/L			01/20/25 18:08	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/20/25 18:08	1
Total Dissolved Solids (SM 2540C)	630		10	4.3	mg/L			01/21/25 00:35	1
Fluoride (SM 4500 F C)	0.13		0.10	0.056	mg/L			01/21/25 16:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	69.68				ft			01/17/25 07:10	1
Field pH	6.81				SU			01/17/25 07:10	1
Field Temperature	10.7				Degrees C			01/17/25 07:10	1
Oxidation Reduction Potential	171.4				millivolts			01/17/25 07:10	1
Oxygen, Dissolved	5.57				mg/L			01/17/25 07:10	1
Specific Conductance	1136				umhos/cm			01/17/25 07:10	1
Turbidity	3.93				NTU			01/17/25 07:10	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.016		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 13:07	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 16:08	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:22	01/22/25 16:08	1
Barium	0.10		0.0025	0.00073	mg/L		01/21/25 16:22	01/22/25 16:08	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:22	01/22/25 16:08	1
Boron	0.12	B	0.050	0.013	mg/L		01/21/25 16:22	01/23/25 17:25	1
Cadmium	0.00045	J	0.00050	0.00017	mg/L		01/21/25 16:22	01/22/25 16:08	1
Calcium	180		0.20	0.044	mg/L		01/21/25 16:22	01/24/25 12:30	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:22	01/22/25 16:08	1
Cobalt	0.0027		0.0010	0.00040	mg/L		01/21/25 16:22	01/22/25 16:08	1
Lead	0.00029	J	0.00050	0.00019	mg/L		01/21/25 16:22	01/22/25 16:08	1
Magnesium	48		0.20	0.049	mg/L		01/21/25 16:22	01/22/25 16:08	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		01/21/25 16:22	01/22/25 16:08	1
Potassium	7.8		0.50	0.11	mg/L		01/21/25 16:22	01/22/25 16:08	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:22	01/22/25 16:08	1
Sodium	130		0.20	0.077	mg/L		01/21/25 16:22	01/22/25 16:08	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:22	01/22/25 16:08	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 09:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	260		10	4.2	mg/L			01/25/25 22:51	10
Sulfate (EPA 300.0)	120		1.0	0.47	mg/L			01/22/25 23:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	470	B	5.0	3.7	mg/L			01/20/25 18:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/20/25 18:18	1
Total Dissolved Solids (SM 2540C)	1200		10	4.3	mg/L			01/21/25 00:38	1
Fluoride (SM 4500 F C)	0.098	J	0.10	0.056	mg/L			01/21/25 16:50	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	52.24				ft			01/17/25 08:10	1
Field pH	6.71				SU			01/17/25 08:10	1
Field Temperature	12.6				Degrees C			01/17/25 08:10	1
Oxidation Reduction Potential	178.0				millivolts			01/17/25 08:10	1
Oxygen, Dissolved	0.42				mg/L			01/17/25 08:10	1
Specific Conductance	2036				umhos/cm			01/17/25 08:10	1
Turbidity	1.95				NTU			01/17/25 08:10	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0090		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 13:12	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 16:16	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:22	01/22/25 16:16	1
Barium	0.066		0.0025	0.00073	mg/L		01/21/25 16:22	01/22/25 16:16	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:22	01/22/25 16:16	1
Boron	0.17	B	0.050	0.013	mg/L		01/21/25 16:22	01/23/25 17:28	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:22	01/22/25 16:16	1
Calcium	77		0.20	0.044	mg/L		01/21/25 16:22	01/24/25 12:33	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:22	01/22/25 16:16	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:22	01/22/25 16:16	1
Lead	0.00026	J	0.00050	0.00019	mg/L		01/21/25 16:22	01/22/25 16:16	1
Magnesium	27		0.20	0.049	mg/L		01/21/25 16:22	01/22/25 16:16	1
Molybdenum	0.0077		0.0050	0.0025	mg/L		01/21/25 16:22	01/22/25 16:16	1
Potassium	3.8		0.50	0.11	mg/L		01/21/25 16:22	01/22/25 16:16	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:22	01/22/25 16:16	1
Sodium	58		0.20	0.077	mg/L		01/21/25 16:22	01/22/25 16:16	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:22	01/22/25 16:16	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 09:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	91		1.0	0.42	mg/L			01/23/25 01:05	1
Sulfate (EPA 300.0)	82		1.0	0.47	mg/L			01/23/25 01:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	230		5.0	3.7	mg/L			01/24/25 12:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/24/25 12:28	1
Total Dissolved Solids (SM 2540C)	510		10	4.3	mg/L			01/21/25 00:41	1
Fluoride (SM 4500 F C)	0.24		0.10	0.056	mg/L			01/21/25 16:55	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	55.50				ft			01/17/25 09:05	1
Field pH	7.31				SU			01/17/25 09:05	1
Field Temperature	16.4				Degrees C			01/17/25 09:05	1
Oxidation Reduction Potential	149.0				millivolts			01/17/25 09:05	1
Oxygen, Dissolved	0.29				mg/L			01/17/25 09:05	1
Specific Conductance	927				umhos/cm			01/17/25 09:05	1
Turbidity	3.24				NTU			01/17/25 09:05	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0073		0.0050	0.0020	mg/L		01/21/25 16:06	01/22/25 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		01/21/25 16:22	01/22/25 16:18	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/21/25 16:22	01/22/25 16:18	1
Barium	0.067		0.0025	0.00073	mg/L		01/21/25 16:22	01/22/25 16:18	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/21/25 16:22	01/22/25 16:18	1
Boron	0.17	B	0.050	0.013	mg/L		01/21/25 16:22	01/23/25 17:30	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/21/25 16:22	01/22/25 16:18	1
Calcium	78		0.20	0.044	mg/L		01/21/25 16:22	01/24/25 12:48	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/21/25 16:22	01/22/25 16:18	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/21/25 16:22	01/22/25 16:18	1
Lead	0.00022	J	0.00050	0.00019	mg/L		01/21/25 16:22	01/22/25 16:18	1
Magnesium	28		0.20	0.049	mg/L		01/21/25 16:22	01/22/25 16:18	1
Molybdenum	0.0077		0.0050	0.0025	mg/L		01/21/25 16:22	01/22/25 16:18	1
Potassium	3.9		0.50	0.11	mg/L		01/21/25 16:22	01/22/25 16:18	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/21/25 16:22	01/22/25 16:18	1
Sodium	59		0.20	0.077	mg/L		01/21/25 16:22	01/22/25 16:18	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/21/25 16:22	01/22/25 16:18	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		01/27/25 13:20	01/28/25 10:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	92		1.0	0.42	mg/L			01/23/25 01:20	1
Sulfate (EPA 300.0)	83		1.0	0.47	mg/L			01/23/25 01:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	230		5.0	3.7	mg/L			01/24/25 12:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			01/24/25 12:37	1
Total Dissolved Solids (SM 2540C)	500		10	4.3	mg/L			01/21/25 00:43	1
Fluoride (SM 4500 F C)	0.24		0.10	0.056	mg/L			01/21/25 17:00	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	55.50				ft			01/17/25 09:10	1
Field pH	7.31				SU			01/17/25 09:10	1
Field Temperature	16.4				Degrees C			01/17/25 09:10	1
Oxidation Reduction Potential	149.0				millivolts			01/17/25 09:10	1
Oxygen, Dissolved	0.29				mg/L			01/17/25 09:10	1
Specific Conductance	927				umhos/cm			01/17/25 09:10	1
Turbidity	3.24				NTU			01/17/25 09:10	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
JEN 845808
SDG: HEN_845_803

Client Sample ID: 55

Lab Sample ID: 500-262718-47

Date Collected: 01/13/25 12:51

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)	52.56				ft			01/13/25 12:51	1

Client Sample Results

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

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
JEN_845_803
SDG: HEN_845_803

Client Sample ID: XSG01
Date Collected: 01/13/25 14:12
Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-48
Matrix: Water

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	10.40				ft			01/13/25 14:12	1

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
JEN 1245908
SDG: HEN_845_803

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, EAST ASH POND
Job ID: 500-262718-9
JEN-845-803
SDG: HEN_845_803

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
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, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Metals

Prep Batch: 803096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-4	08&D	Total Recoverable	Water	3005A	
500-262718-9	54	Total Recoverable	Water	3005A	
500-262718-10	54_FD	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
500-262718-4	08&D	Total Recoverable	Water	6020B	803096
500-262718-9	54	Total Recoverable	Water	6020B	803096
500-262718-10	54_FD	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
500-262718-4	08&D	Total Recoverable	Water	200.7	
500-262718-9	54	Total Recoverable	Water	200.7	
500-262718-10	54_FD	Total Recoverable	Water	200.7	
500-262718-12	13	Total Recoverable	Water	200.7	
500-262718-13	17	Total Recoverable	Water	200.7	
500-262718-18	47	Total Recoverable	Water	200.7	
500-262718-19	52	Total Recoverable	Water	200.7	
500-262718-20	XPW01	Total Recoverable	Water	200.7	
500-262718-21	XPW02	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	
500-262718-21 MS	XPW02	Total Recoverable	Water	200.7	
500-262718-21 DU	XPW02	Total Recoverable	Water	200.7	

Prep Batch: 803710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-22	XPW03	Total Recoverable	Water	200.7	
500-262718-29	46	Total Recoverable	Water	200.7	
500-262718-33	07	Total Recoverable	Water	200.7	
500-262718-34	08	Total Recoverable	Water	200.7	
500-262718-35	16	Total Recoverable	Water	200.7	
500-262718-36	16_FD	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	

Prep Batch: 803713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-12	13	Total Recoverable	Water	3005A	
500-262718-13	17	Total Recoverable	Water	3005A	
500-262718-18	47	Total Recoverable	Water	3005A	
500-262718-19	52	Total Recoverable	Water	3005A	
500-262718-20	XPW01	Total Recoverable	Water	3005A	
500-262718-21	XPW02	Total Recoverable	Water	3005A	
500-262718-22	XPW03	Total Recoverable	Water	3005A	
MB 500-803713/1-A	Method Blank	Total Recoverable	Water	3005A	

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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, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Metals (Continued)

Prep Batch: 803713 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-803713/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 803714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-33	07	Total Recoverable	Water	3005A	
500-262718-34	08	Total Recoverable	Water	3005A	
500-262718-35	16	Total Recoverable	Water	3005A	
500-262718-36	16_FD	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	

Prep Batch: 803802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-4	08&D	Total/NA	Water	7470A	
500-262718-9	54	Total/NA	Water	7470A	
500-262718-10	54_FD	Total/NA	Water	7470A	
500-262718-12	13	Total/NA	Water	7470A	
500-262718-13	17	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	
500-262718-9 MS	54	Total/NA	Water	7470A	
500-262718-9 MSD	54	Total/NA	Water	7470A	
500-262718-9 DU	54	Total/NA	Water	7470A	

Analysis Batch: 803900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-4	08&D	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-9	54	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-10	54_FD	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-12	13	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-13	17	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-18	47	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-19	52	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-20	XPW01	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-21	XPW02	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-22	XPW03	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-29	46	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-33	07	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-34	08	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-35	16	Total Recoverable	Water	200.7 Rev 4.4	803710
500-262718-36	16_FD	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
500-262718-21 MS	XPW02	Total Recoverable	Water	200.7 Rev 4.4	803709
500-262718-21 DU	XPW02	Total Recoverable	Water	200.7 Rev 4.4	803709

QC Association Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Metals

Analysis Batch: 803914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-12	13	Total Recoverable	Water	6020B	803713
500-262718-13	17	Total Recoverable	Water	6020B	803713
500-262718-18	47	Total Recoverable	Water	6020B	803713
500-262718-19	52	Total Recoverable	Water	6020B	803713
500-262718-20	XPW01	Total Recoverable	Water	6020B	803713
500-262718-21	XPW02	Total Recoverable	Water	6020B	803713
500-262718-22	XPW03	Total Recoverable	Water	6020B	803713
500-262718-33	07	Total Recoverable	Water	6020B	803714
500-262718-34	08	Total Recoverable	Water	6020B	803714
500-262718-35	16	Total Recoverable	Water	6020B	803714
500-262718-36	16_FD	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

Analysis Batch: 803959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-4	08&D	Total/NA	Water	7470A	803802
500-262718-9	54	Total/NA	Water	7470A	803802
500-262718-10	54_FD	Total/NA	Water	7470A	803802
500-262718-12	13	Total/NA	Water	7470A	803802
500-262718-13	17	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
500-262718-9 MS	54	Total/NA	Water	7470A	803802
500-262718-9 MSD	54	Total/NA	Water	7470A	803802
500-262718-9 DU	54	Total/NA	Water	7470A	803802

Prep Batch: 803981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-18	47	Total/NA	Water	7470A	
500-262718-19	52	Total/NA	Water	7470A	
500-262718-20	XPW01	Total/NA	Water	7470A	
500-262718-21	XPW02	Total/NA	Water	7470A	
500-262718-22	XPW03	Total/NA	Water	7470A	
500-262718-29	46	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	

Prep Batch: 804000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-29	46	Total Recoverable	Water	3005A	
MB 500-804000/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-804000/3-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-262718-29 MS	46	Total Recoverable	Water	3005A	
500-262718-29 MSD	46	Total Recoverable	Water	3005A	
500-262718-29 DU	46	Total Recoverable	Water	3005A	

Eurofins Chicago

QC Association Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Metals

Analysis Batch: 804054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-33	07	Total Recoverable	Water	6020B	803714
500-262718-34	08	Total Recoverable	Water	6020B	803714
500-262718-35	16	Total Recoverable	Water	6020B	803714
500-262718-36	16_FD	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

Analysis Batch: 804111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-18	47	Total/NA	Water	7470A	803981
500-262718-19	52	Total/NA	Water	7470A	803981
500-262718-20	XPW01	Total/NA	Water	7470A	803981
500-262718-21	XPW02	Total/NA	Water	7470A	803981
500-262718-22	XPW03	Total/NA	Water	7470A	803981
500-262718-29	46	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

Analysis Batch: 804146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-12	13	Total Recoverable	Water	6020B	803713
500-262718-13	17	Total Recoverable	Water	6020B	803713
500-262718-18	47	Total Recoverable	Water	6020B	803713
500-262718-19	52	Total Recoverable	Water	6020B	803713
500-262718-20	XPW01	Total Recoverable	Water	6020B	803713
500-262718-21	XPW02	Total Recoverable	Water	6020B	803713
500-262718-22	XPW03	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

Analysis Batch: 804283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-33	07	Total Recoverable	Water	6020B	803714
500-262718-34	08	Total Recoverable	Water	6020B	803714
500-262718-35	16	Total Recoverable	Water	6020B	803714
500-262718-36	16_FD	Total Recoverable	Water	6020B	803714

Prep Batch: 804303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-33	07	Total/NA	Water	7470A	
500-262718-34	08	Total/NA	Water	7470A	
500-262718-35	16	Total/NA	Water	7470A	
500-262718-36	16_FD	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	

Analysis Batch: 804384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-29	46	Total Recoverable	Water	6020B	804000
MB 500-804000/1-A	Method Blank	Total Recoverable	Water	6020B	804000
LCS 500-804000/3-A	Lab Control Sample	Total Recoverable	Water	6020B	804000

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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, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Metals (Continued)

Analysis Batch: 804384 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-29 MS	46	Total Recoverable	Water	6020B	804000
500-262718-29 MSD	46	Total Recoverable	Water	6020B	804000
500-262718-29 DU	46	Total Recoverable	Water	6020B	804000

Analysis Batch: 804385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-18	47	Total Recoverable	Water	6020B	803713
500-262718-19	52	Total Recoverable	Water	6020B	803713
500-262718-20	XPW01	Total Recoverable	Water	6020B	803713
500-262718-21	XPW02	Total Recoverable	Water	6020B	803713
500-262718-22	XPW03	Total Recoverable	Water	6020B	803713

Analysis Batch: 804448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-33	07	Total/NA	Water	7470A	804303
500-262718-34	08	Total/NA	Water	7470A	804303
500-262718-35	16	Total/NA	Water	7470A	804303
500-262718-36	16_FD	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

General Chemistry

Analysis Batch: 803044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-4	08&D	Total/NA	Water	SM 2540C	
500-262718-9	54	Total/NA	Water	SM 2540C	
500-262718-10	54_FD	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
500-262718-4	08&D	Total/NA	Water	SM 2320B	
500-262718-9	54	Total/NA	Water	SM 2320B	
500-262718-10	54_FD	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
500-262718-4	08&D	Total/NA	Water	SM 4500 F C	
500-262718-9	54	Total/NA	Water	SM 4500 F C	
500-262718-10	54_FD	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: 803338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-12	13	Total/NA	Water	300.0	
500-262718-13	17	Total/NA	Water	300.0	

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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, EAST ASH POND
Job ID: 590-262718-9
SDG: HEN_845_803

General Chemistry (Continued)

Analysis Batch: 803338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-18	47	Total/NA	Water	300.0	
500-262718-19	52	Total/NA	Water	300.0	
500-262718-20	XPW01	Total/NA	Water	300.0	
500-262718-21	XPW02	Total/NA	Water	300.0	
500-262718-22	XPW03	Total/NA	Water	300.0	
MB 500-803787/1-A	Method Blank	Total/NA	Water	300.0	803787
LCS 500-803787/2-A	Lab Control Sample	Total/NA	Water	300.0	803787
500-262718-12 MS	13	Total/NA	Water	300.0	
500-262718-12 MSD	13	Total/NA	Water	300.0	

Analysis Batch: 803354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-4	08&D	Total/NA	Water	300.0	
500-262718-9	54	Total/NA	Water	300.0	
500-262718-10	54_FD	Total/NA	Water	300.0	
MB 500-803787/1-A	Method Blank	Total/NA	Water	300.0	803787
LCS 500-803787/2-A	Lab Control Sample	Total/NA	Water	300.0	803787

Analysis Batch: 803390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-12	13	Total/NA	Water	SM 2540C	
500-262718-13	17	Total/NA	Water	SM 2540C	
500-262718-18	47	Total/NA	Water	SM 2540C	
500-262718-19	52	Total/NA	Water	SM 2540C	
500-262718-20	XPW01	Total/NA	Water	SM 2540C	
500-262718-21	XPW02	Total/NA	Water	SM 2540C	
500-262718-22	XPW03	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	

Analysis Batch: 803391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-29	46	Total/NA	Water	SM 2540C	
MB 500-803391/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-803391/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-262718-29 DU	46	Total/NA	Water	SM 2540C	

Analysis Batch: 803462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-12	13	Total/NA	Water	SM 2320B	
500-262718-13	17	Total/NA	Water	SM 2320B	
500-262718-18	47	Total/NA	Water	SM 2320B	
500-262718-19	52	Total/NA	Water	SM 2320B	
500-262718-20	XPW01	Total/NA	Water	SM 2320B	
500-262718-21	XPW02	Total/NA	Water	SM 2320B	
500-262718-22	XPW03	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	

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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, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

General Chemistry

Analysis Batch: 803560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-33	07	Total/NA	Water	SM 2540C	
500-262718-34	08	Total/NA	Water	SM 2540C	
500-262718-35	16	Total/NA	Water	SM 2540C	
500-262718-36	16_FD	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	

Analysis Batch: 803603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-29	46	Total/NA	Water	SM 2320B	
500-262718-33	07	Total/NA	Water	SM 2320B	
500-262718-34	08	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
500-262718-12	13	Total/NA	Water	SM 4500 F C	
500-262718-13	17	Total/NA	Water	SM 4500 F C	
500-262718-18	47	Total/NA	Water	SM 4500 F C	
500-262718-19	52	Total/NA	Water	SM 4500 F C	
500-262718-20	XPW01	Total/NA	Water	SM 4500 F C	
500-262718-21	XPW02	Total/NA	Water	SM 4500 F C	
500-262718-22	XPW03	Total/NA	Water	SM 4500 F C	
500-262718-29	46	Total/NA	Water	SM 4500 F C	
500-262718-33	07	Total/NA	Water	SM 4500 F C	
500-262718-34	08	Total/NA	Water	SM 4500 F C	
500-262718-35	16	Total/NA	Water	SM 4500 F C	
500-262718-36	16_FD	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	

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	

Filtration Batch: 803787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-803787/1-A	Method Blank	Total/NA	Water	FILTRATION	
LCS 500-803787/2-A	Lab Control Sample	Total/NA	Water	FILTRATION	

Analysis Batch: 803788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-29	46	Total/NA	Water	300.0	
500-262718-33	07	Total/NA	Water	300.0	
500-262718-34	08	Total/NA	Water	300.0	

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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, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

General Chemistry (Continued)

Analysis Batch: 803788 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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

Analysis Batch: 803813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-35	16	Total/NA	Water	300.0	
500-262718-36	16_FD	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	

Analysis Batch: 804131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-21	XPW02	Total/NA	Water	300.0	
500-262718-22	XPW03	Total/NA	Water	300.0	
500-262718-34	08	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
500-262718-35	16	Total/NA	Water	SM 2320B	
500-262718-36	16_FD	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	

Field Service / Mobile Lab

Analysis Batch: 804313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262718-4	08&D	Total/NA	Water	Field Sampling	
500-262718-9	54	Total/NA	Water	Field Sampling	
500-262718-10	54_FD	Total/NA	Water	Field Sampling	
500-262718-12	13	Total/NA	Water	Field Sampling	
500-262718-13	17	Total/NA	Water	Field Sampling	
500-262718-18	47	Total/NA	Water	Field Sampling	
500-262718-19	52	Total/NA	Water	Field Sampling	
500-262718-20	XPW01	Total/NA	Water	Field Sampling	
500-262718-21	XPW02	Total/NA	Water	Field Sampling	
500-262718-22	XPW03	Total/NA	Water	Field Sampling	
500-262718-29	46	Total/NA	Water	Field Sampling	
500-262718-33	07	Total/NA	Water	Field Sampling	
500-262718-34	08	Total/NA	Water	Field Sampling	
500-262718-35	16	Total/NA	Water	Field Sampling	
500-262718-36	16_FD	Total/NA	Water	Field Sampling	
500-262718-47	55	Total/NA	Water	Field Sampling	
500-262718-48	XSG01	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, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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: 500-262718-21 MS
Matrix: Water
Analysis Batch: 803900

Client Sample ID: XPW02
Prep Type: Total Recoverable
Prep Batch: 803709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.013		0.250	0.278		mg/L		106	70 - 130

Lab Sample ID: 500-262718-21 DU
Matrix: Water
Analysis Batch: 803900

Client Sample ID: XPW02
Prep Type: Total Recoverable
Prep Batch: 803709

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lithium	0.013		0.0118		mg/L		9	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

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

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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, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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

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
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
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

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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, EAST ASH POND
Job ID: 590-262718-9
JEN 045908
SDG: HEN_845_803

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

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
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
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: 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

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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, EAST ASH POND
Job ID: 590-262718-9
JEN 04-5908
SDG: HEN_845_803

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
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
Calcium	10.0	8.63		mg/L		86	80 - 120

QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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

Lab Sample ID: MB 500-804000/1-A
Matrix: Water
Analysis Batch: 804384

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 804000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		01/23/25 15:59	01/27/25 15:32	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		01/23/25 15:59	01/27/25 15:32	1
Barium	<0.0025		0.0025	0.00073	mg/L		01/23/25 15:59	01/27/25 15:32	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		01/23/25 15:59	01/27/25 15:32	1
Boron	0.0321	J	0.050	0.013	mg/L		01/23/25 15:59	01/27/25 15:32	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		01/23/25 15:59	01/27/25 15:32	1
Calcium	<0.20		0.20	0.044	mg/L		01/23/25 15:59	01/27/25 15:32	1
Chromium	<0.0050		0.0050	0.0011	mg/L		01/23/25 15:59	01/27/25 15:32	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		01/23/25 15:59	01/27/25 15:32	1
Lead	<0.00050		0.00050	0.00019	mg/L		01/23/25 15:59	01/27/25 15:32	1
Magnesium	<0.20		0.20	0.049	mg/L		01/23/25 15:59	01/27/25 15:32	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		01/23/25 15:59	01/27/25 15:32	1
Potassium	<0.50		0.50	0.11	mg/L		01/23/25 15:59	01/27/25 15:32	1
Selenium	<0.0025		0.0025	0.00098	mg/L		01/23/25 15:59	01/27/25 15:32	1
Sodium	<0.20		0.20	0.077	mg/L		01/23/25 15:59	01/27/25 15:32	1
Thallium	<0.0020		0.0020	0.00057	mg/L		01/23/25 15:59	01/27/25 15:32	1

Lab Sample ID: LCS 500-804000/3-A
Matrix: Water
Analysis Batch: 804384

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 804000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.478		mg/L		96	80 - 120
Arsenic	0.100	0.0913		mg/L		91	80 - 120
Barium	0.500	0.479		mg/L		96	80 - 120
Beryllium	0.0500	0.0491		mg/L		98	80 - 120
Boron	1.00	0.963		mg/L		96	80 - 120
Cadmium	0.0500	0.0477		mg/L		95	80 - 120
Calcium	10.0	8.73		mg/L		87	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Cobalt	0.500	0.514		mg/L		103	80 - 120
Lead	0.100	0.0964		mg/L		96	80 - 120
Magnesium	10.0	9.79		mg/L		98	80 - 120
Molybdenum	1.00	0.921		mg/L		92	80 - 120
Potassium	10.0	9.67		mg/L		97	80 - 120
Selenium	0.100	0.0900		mg/L		90	80 - 120
Sodium	10.0	9.70		mg/L		97	80 - 120
Thallium	0.100	0.0977		mg/L		98	80 - 120

Lab Sample ID: 500-262718-29 MS
Matrix: Water
Analysis Batch: 804384

Client Sample ID: 46
Prep Type: Total Recoverable
Prep Batch: 804000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.495		mg/L		99	75 - 125
Arsenic	<0.0010		0.100	0.0953		mg/L		95	75 - 125
Barium	0.064		0.500	0.536		mg/L		94	75 - 125
Beryllium	<0.0010		0.0500	0.0495		mg/L		99	75 - 125
Boron	0.22	B	1.00	1.17		mg/L		95	75 - 125

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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, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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

Lab Sample ID: 500-262718-29 MS

Matrix: Water

Analysis Batch: 804384

Client Sample ID: 46
Prep Type: Total Recoverable
Prep Batch: 804000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	<0.00050		0.0500	0.0486		mg/L		97	75 - 125
Calcium	72		10.0	80.7	4	mg/L		90	75 - 125
Chromium	<0.0050		0.200	0.202		mg/L		101	75 - 125
Cobalt	<0.0010		0.500	0.505		mg/L		101	75 - 125
Lead	<0.00050		0.100	0.0982		mg/L		98	75 - 125
Magnesium	27		10.0	36.3		mg/L		95	75 - 125
Molybdenum	0.021		1.00	0.985		mg/L		96	75 - 125
Potassium	4.1		10.0	13.6		mg/L		95	75 - 125
Selenium	<0.0025		0.100	0.0930		mg/L		93	75 - 125
Sodium	62		10.0	71.0	4	mg/L		92	75 - 125
Thallium	<0.0020		0.100	0.100		mg/L		100	75 - 125

Lab Sample ID: 500-262718-29 MSD

Matrix: Water

Analysis Batch: 804384

Client Sample ID: 46
Prep Type: Total Recoverable
Prep Batch: 804000

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.484		mg/L		97	75 - 125	2	20
Arsenic	<0.0010		0.100	0.0923		mg/L		92	75 - 125	3	20
Barium	0.064		0.500	0.521		mg/L		91	75 - 125	3	20
Beryllium	<0.0010		0.0500	0.0483		mg/L		97	75 - 125	3	20
Boron	0.22	B	1.00	1.15		mg/L		93	75 - 125	1	20
Cadmium	<0.00050		0.0500	0.0471		mg/L		94	75 - 125	3	20
Calcium	72		10.0	79.9	4	mg/L		82	75 - 125	1	20
Chromium	<0.0050		0.200	0.197		mg/L		98	75 - 125	3	20
Cobalt	<0.0010		0.500	0.492		mg/L		98	75 - 125	3	20
Lead	<0.00050		0.100	0.0962		mg/L		96	75 - 125	2	20
Magnesium	27		10.0	35.8		mg/L		90	75 - 125	1	20
Molybdenum	0.021		1.00	0.955		mg/L		93	75 - 125	3	20
Potassium	4.1		10.0	13.3		mg/L		92	75 - 125	2	20
Selenium	<0.0025		0.100	0.0888		mg/L		89	75 - 125	5	20
Sodium	62		10.0	70.4	4	mg/L		86	75 - 125	1	20
Thallium	<0.0020		0.100	0.0979		mg/L		98	75 - 125	2	20

Lab Sample ID: 500-262718-29 DU

Matrix: Water

Analysis Batch: 804384

Client Sample ID: 46
Prep Type: Total Recoverable
Prep Batch: 804000

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	0.064		0.0658		mg/L		2	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Boron	0.22	B	0.221		mg/L		0.5	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	72		73.2		mg/L		2	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

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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, EAST ASH POND
Job ID: 500-262718-9
JEN 045908
SDG: HEN_845_803

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

Lab Sample ID: 500-262718-29 DU
Matrix: Water
Analysis Batch: 804384

Client Sample ID: 46
Prep Type: Total Recoverable
Prep Batch: 804000

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Magnesium	27		27.2		mg/L		1	20
Molybdenum	0.021		0.0206		mg/L		0	20
Potassium	4.1		4.23		mg/L		2	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Sodium	62		63.2		mg/L		2	20
Thallium	<0.0020		<0.0020		mg/L		NC	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

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	Limit
Mercury	0.00200	0.00184		mg/L		92	80 - 120	1	20

Lab Sample ID: 500-262718-9 MS
Matrix: Water
Analysis Batch: 803959

Client Sample ID: 54
Prep Type: Total/NA
Prep Batch: 803802

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000905		mg/L		91	75 - 125

Lab Sample ID: 500-262718-9 MSD
Matrix: Water
Analysis Batch: 803959

Client Sample ID: 54
Prep Type: Total/NA
Prep Batch: 803802

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.00020		0.000999	0.000849		mg/L		85	75 - 125	6	20

Lab Sample ID: 500-262718-9 DU
Matrix: Water
Analysis Batch: 803959

Client Sample ID: 54
Prep Type: Total/NA
Prep Batch: 803802

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	<0.00020		<0.00020		mg/L		NC	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, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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

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: 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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-803787/1-A
Matrix: Water
Analysis Batch: 803338

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			01/18/25 00:36	1
Sulfate	<1.0		1.0	0.47	mg/L			01/18/25 00:36	1

Lab Sample ID: LCS 500-803787/2-A
Matrix: Water
Analysis Batch: 803338

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: 500-262718-12 MS
Matrix: Water
Analysis Batch: 803338

Client Sample ID: 13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	79		10.0	88.9	4	mg/L		95	80 - 120
Sulfate	100		10.0	113	4	mg/L		98	80 - 120

QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 500-262718-12 MSD
Matrix: Water
Analysis Batch: 803338

Client Sample ID: 13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	79		10.0	90.3	4	mg/L		109	80 - 120	2	20
Sulfate	100		10.0	114	4	mg/L		115	80 - 120	1	20

Lab Sample ID: MB 500-803787/1-A
Matrix: Water
Analysis Batch: 803354

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			01/18/25 09:34	1
Sulfate	<1.0		1.0	0.47	mg/L			01/18/25 09:34	1

Lab Sample ID: LCS 500-803787/2-A
Matrix: Water
Analysis Batch: 803354

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: 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: 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

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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, EAST ASH POND
Job ID: 590-262718-9
SDG: HEN_845_803

Method: 300.0 - Anions, Ion Chromatography

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
Chloride	<1.0		1.0	0.42	mg/L			01/25/25 16:44	1
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
Chloride	100	108		mg/L		108	90 - 110
Sulfate	100	109		mg/L		109	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

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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, EAST ASH POND
Job ID: 590-262718-9
SDG: HEN_845_803

Method: SM 2320B - Alkalinity (Continued)

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

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 CaCO3	4.73	J	5.0	3.7	mg/L			01/20/25 14:59	1
Carbonate Alkalinity as CaCO3	<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 CaCO3	4.83	J	5.0	3.7	mg/L			01/20/25 18:30	1
Carbonate Alkalinity as CaCO3	<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 CaCO3	<5.0		5.0	3.7	mg/L			01/24/25 14:33	1
Carbonate Alkalinity as CaCO3	<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

QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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

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: MB 500-803391/1
Matrix: Water
Analysis Batch: 803391

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 05:47	1

Lab Sample ID: LCS 500-803391/2
Matrix: Water
Analysis Batch: 803391

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	250		mg/L		100	80 - 120

Lab Sample ID: 500-262718-29 DU
Matrix: Water
Analysis Batch: 803391

Client Sample ID: 46
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	500		518		mg/L		3	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

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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, EAST ASH POND
Job ID: 590-262718-9
SDG: HEN_845_803

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

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

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

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 Chronicle

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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 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 19:50
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 14:12
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 09:23
Total/NA	Analysis	300.0		10	803354	W1T	EET CHI	01/18/25 12:37
Total/NA	Analysis	SM 2320B		1	803167	SO	EET CHI	01/16/25 11:56
Total/NA	Analysis	SM 2540C		1	803044	CLB	EET CHI	01/16/25 00:45
Total/NA	Analysis	SM 4500 F C		1	803200	ER	EET CHI	01/16/25 15:36
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/14/25 13:45

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 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 20:22
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 14:25
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 09:37
Total/NA	Analysis	300.0		1	803354	W1T	EET CHI	01/18/25 14:55
Total/NA	Analysis	SM 2320B		1	803167	SO	EET CHI	01/16/25 12:45
Total/NA	Analysis	SM 2540C		1	803044	CLB	EET CHI	01/16/25 00:58
Total/NA	Analysis	SM 4500 F C		1	803200	ER	EET CHI	01/16/25 16:09
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/14/25 15:30

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 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 20:27
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 14:28
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 09:46
Total/NA	Analysis	300.0		1	803354	W1T	EET CHI	01/18/25 15:41
Total/NA	Analysis	SM 2320B		1	803167	SO	EET CHI	01/16/25 12:57
Total/NA	Analysis	SM 2540C		1	803044	CLB	EET CHI	01/16/25 01:01

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Lab Chronicle

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

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	Analysis	SM 4500 F C		1	803200	ER	EET CHI	01/16/25 16:13
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/14/25 15:40

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 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 20:31
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 14:41
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 13:05
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 09:48
Total/NA	Analysis	300.0		1	803338	W1T	EET CHI	01/18/25 01:07
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 13:51
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:33
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 15:59
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 14:05

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 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 20:36
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 14:43
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 13:08
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 09:50
Total/NA	Analysis	300.0		1	803338	W1T	EET CHI	01/18/25 02:08
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 15:02
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:36
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 14:27
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 12:20

Lab Chronicle

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
JEN 01/14/2025
SDG: HEN_845_803

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 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 21:07
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 16:09
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 14:56
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 13:37
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 09:27
Total/NA	Analysis	300.0		1	803338	W1T	EET CHI	01/18/25 04:56
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 16:03
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:49
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 14:59
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 11:35

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 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 21:12
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 16:12
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 14:58
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804146	RN	EET CHI	01/24/25 13:39
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 09:29
Total/NA	Analysis	300.0		1	803338	W1T	EET CHI	01/18/25 05:12
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 16:12
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:52
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 15:04
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 12:45

Client Sample ID: XPW01

Date Collected: 01/15/25 10:20

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-20

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 21:17

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Lab Chronicle

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: XPW01

Date Collected: 01/15/25 10:20

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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 16:16
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 15:01
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		1	804146	RN	EET CHI	01/24/25 13:42
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 09:31
Total/NA	Analysis	300.0		1	803338	W1T	EET CHI	01/18/25 05:27
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 16:22
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:54
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 15:20
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 10:20

Client Sample ID: XPW02

Date Collected: 01/15/25 11:15

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-21

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 21:21
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		5	804385	RN	EET CHI	01/27/25 16:20
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 15:03
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 13:44
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 09:33
Total/NA	Analysis	300.0		1	803338	W1T	EET CHI	01/18/25 05:42
Total/NA	Analysis	300.0		10	804131	MB	EET CHI	01/25/25 21:19
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 16:34
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:57
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 15:26
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 11:15

Client Sample ID: XPW03

Date Collected: 01/15/25 09:00

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-22

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 12:27

Eurofins Chicago

Lab Chronicle

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: XPW03

Date Collected: 01/15/25 09:00

Date Received: 01/16/25 12:17

Lab Sample ID: 500-262718-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			803713	S1Z	EET CHI	01/21/25 16:16 - 01/21/25 22:16 ¹
Total Recoverable	Analysis	6020B		5	804385	RN	EET CHI	01/27/25 16:24
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 15:11
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 13:47
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 09:35
Total/NA	Analysis	300.0		1	803338	W1T	EET CHI	01/18/25 05:57
Total/NA	Analysis	300.0		10	804131	MB	EET CHI	01/25/25 21:34
Total/NA	Analysis	SM 2320B		1	803462	ER	EET CHI	01/17/25 16:47
Total/NA	Analysis	SM 2540C		1	803390	CLB	EET CHI	01/20/25 03:59
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 15:34
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/15/25 09:00

Client Sample ID: 46

Date Collected: 01/16/25 12:35

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-29

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 12:49
Total Recoverable	Prep	3005A			804000	S1Z	EET CHI	01/23/25 15:59 - 01/23/25 21:59 ¹
Total Recoverable	Analysis	6020B		1	804384	RN	EET CHI	01/27/25 15:37
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 10:16
Total/NA	Analysis	300.0		1	803788	MM	EET CHI	01/22/25 20:29
Total/NA	Analysis	SM 2320B		1	803603	SO	EET CHI	01/20/25 17:29
Total/NA	Analysis	SM 2540C		1	803391	CLB	EET CHI	01/20/25 05:59
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 16:18
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/16/25 12:35

Client Sample ID: 07

Date Collected: 01/17/25 07:10

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-33

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 13:03
Total Recoverable	Prep	3005A			803714	S1Z	EET CHI	01/21/25 16:22 - 01/21/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	804283	RN	EET CHI	01/24/25 12:26
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 16:06

Eurofins Chicago

Lab Chronicle

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
SDG: HEN_845_803

Client Sample ID: 07

Date Collected: 01/17/25 07:10

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-33

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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 17:22
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 09:54
Total/NA	Analysis	300.0		1	803788	MM	EET CHI	01/22/25 22:32
Total/NA	Analysis	SM 2320B		1	803603	SO	EET CHI	01/20/25 18:08
Total/NA	Analysis	SM 2540C		1	803560	CLB	EET CHI	01/21/25 00:35
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 16:36
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/17/25 07:10

Client Sample ID: 08

Date Collected: 01/17/25 08:10

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-34

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 13:07
Total Recoverable	Prep	3005A			803714	S1Z	EET CHI	01/21/25 16:22 - 01/21/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	804283	RN	EET CHI	01/24/25 12:30
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 16:08
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 17:25
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 09:56
Total/NA	Analysis	300.0		1	803788	MM	EET CHI	01/22/25 23:02
Total/NA	Analysis	300.0		10	804131	MB	EET CHI	01/25/25 22:51
Total/NA	Analysis	SM 2320B		1	803603	SO	EET CHI	01/20/25 18:18
Total/NA	Analysis	SM 2540C		1	803560	CLB	EET CHI	01/21/25 00:38
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 16:50
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/17/25 08:10

Client Sample ID: 16

Date Collected: 01/17/25 09:05

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-35

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 13:12
Total Recoverable	Prep	3005A			803714	S1Z	EET CHI	01/21/25 16:22 - 01/21/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	804283	RN	EET CHI	01/24/25 12:33
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 16:16

Eurofins Chicago

Lab Chronicle

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
JEN 1245908
SDG: HEN_845_803

Client Sample ID: 16

Date Collected: 01/17/25 09:05

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
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 17:28
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 09:58
Total/NA	Analysis	300.0		1	803813	MM	EET CHI	01/23/25 01:05
Total/NA	Analysis	SM 2320B		1	804231	SO	EET CHI	01/24/25 12:28
Total/NA	Analysis	SM 2540C		1	803560	CLB	EET CHI	01/21/25 00:41
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 16:55
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/17/25 09:05

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

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 13:16
Total Recoverable	Prep	3005A			803714	S1Z	EET CHI	01/21/25 16:22 - 01/21/25 22:22 ¹
Total Recoverable	Analysis	6020B		1	804283	RN	EET CHI	01/24/25 12:48
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 16:18
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 17:30
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 10:05
Total/NA	Analysis	300.0		1	803813	MM	EET CHI	01/23/25 01:20
Total/NA	Analysis	SM 2320B		1	804231	SO	EET CHI	01/24/25 12:37
Total/NA	Analysis	SM 2540C		1	803560	CLB	EET CHI	01/21/25 00:43
Total/NA	Analysis	SM 4500 F C		1	803715	SO	EET CHI	01/21/25 17:00
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/17/25 09:10

Client Sample ID: 55

Date Collected: 01/13/25 12:51

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-47

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/13/25 12:51

Client Sample ID: XSG01

Date Collected: 01/13/25 14:12

Date Received: 01/15/25 12:16

Lab Sample ID: 500-262718-48

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	804313	DN	EET CHI	01/13/25 14:12

Eurofins Chicago

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-9
JEN 845808
SDG: HEN_845_803

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

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, EAST ASH POND
Job ID: 590-262718-9
JEN 1245908
SDG: HEN_845_803

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	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 CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3

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 Hennepin, IL 61327	Copy To:	Sam Davies samantha.davies@vistracorp.com	Company Name:	Vistra Corp
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Jason Stuckey & Michael Olie	Address:	see Section A
Phone:	(217) 763-8911 Fax:	Project Name:	Jason Stuckey@vistracorp.com	Quote Reference:	
Requested Due Date/TAT:	10 day	Project Number:	50024191	Project Manager:	
REGULATORY AGENCY		NPDES		GROUND WATER	DRINKING WATER
UST		RCRA		OTHER	
Site Location		IL		STATE	
500-262718 COC					

ITEM #	Section D Required Client Information		Valid Matrix Codes MATRIX CODE DRINKING WATER DW 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	Analysis Test	HEN-000-RAD	HEN-257-801	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 ID.
	DATE	GA TIME				H ₂ SO ₄	HNO ₃			HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																			
1		02				1/14/25	1000 0830	5	5																					X	SHORT HOLD - NO2		
2		03R				1/14/25	0915																X							X	SHORT HOLD - NO2		
3		03R_FD				1/14/25	0920																X							X	SHORT HOLD - NO2		
4		05DR																														SHORT HOLD - NO2	
5		05IR																														SHORT HOLD - NO2	
6		07																														SHORT HOLD - NO2	
7		08																														SHORT HOLD - NO2	
8		08&D				1/14/25	1345																									SHORT HOLD - NO2	
9		10																														SHORT HOLD - NO2	
10		12																														SHORT HOLD - NO2	
11		13																														SHORT HOLD - NO2	
12		16																														SHORT HOLD - NO2	
13		16-FD																														SHORT HOLD - NO2	
14		17																														SHORT HOLD - NO2	
15		18&D				1/14/25	1041																								X	SHORT HOLD - NO2	
16		18#S				1/14/25	1210																								X	SHORT HOLD - NO2	

Hennepin		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS	
HEN-25Q1 Rev 0		1/15/25		0800		George Assalloy		1/15/25		1018		Temp in °C	
23-722-0.4-70115-712		1/15/25		1216		George Assalloy		1/15/25		1216		Received on	
SAMPLE NAME AND SIGNATURE		SIGNATURE of SAMPLER		DATE Signed (MM/DD/YYYY)		Sealed Cooler		Custody		Samples		Intact (Y/N)	
George Assalloy		George Assalloy		1/15/25		George Assalloy		George Assalloy		George Assalloy		George Assalloy	

500-26719

500-262718 COC

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Section C
Invoice Information:

Requested Analysis Filtered (Y/N)

11. $\frac{1}{2}$
12. $\frac{1}{2}$
13. $\frac{1}{2}$

$$2.7 + 2.6, 3.3 + 3.2, 4.0 + 3.9$$

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				

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

500-7107719 HEN-845-803

Page 2 of 4

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:		
	Requested Due Date/TAT	10 day	Project Number:	50024191	Profile #:			
						Site Location		
						STATE:	IL	

[illegible]

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
HEN-25Q1 Rev 0	George Asaally / ASE	1/16/25	0800	St. J. Elhan	10/11/25	1020				
	St. J. Elhan	1/16/25	1213	Stephanie Hernandez / TEM	1/16/25	1217				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples intact (Y/N)
SAMPLER NAME AND SIGNATURE										
PRINT Name of SAMPLER George Asaally SIGNATURE of SAMPLER <i>George Asaally</i> DATE Signed (MM/DD/YY) 1/16/25										

CHAIN-OF-CUSTODY / Analytical Request Document

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
HEN-845-803

Page 3 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:																
Company: <u>Vistra Corp-Hennepin</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Brian Voelker</u>																
Address: <u>13498 E 800th St</u>		Copy To: <u>Sam Davies samantha.davies@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 #:																
<table border="1"> <tr> <th colspan="3">REGULATORY AGENCY</th> </tr> <tr> <td>NPDES</td> <td>GROUND WATER</td> <td>DRINKING WATER</td> </tr> <tr> <td>UST</td> <td>RCRA</td> <td>OTHER</td> </tr> <tr> <td>Site Location</td> <td>IL</td> <td></td> </tr> <tr> <td>STATE</td> <td></td> <td></td> </tr> </table>						REGULATORY AGENCY			NPDES	GROUND WATER	DRINKING WATER	UST	RCRA	OTHER	Site Location	IL		STATE		
REGULATORY AGENCY																				
NPDES	GROUND WATER	DRINKING WATER																		
UST	RCRA	OTHER																		
Site Location	IL																			
STATE																				

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 Asalliy ASE	1/16/25	0300	Stephanie Hernandez EETA	1/16/25	1020				
	Stephanie Hernandez EETA	1/16/25	1213							
SAMPLER NAME AND SIGNATURE							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER										
SIGNATURE of SAMPLER										
DATE Signed (MM/DD/YY)										

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500-710714 HEN-845-803

Page 4 of 4

Invoice Information:

Company: Vistra Corp-Hennepin		Report To: Brian Voelker	Attention: Brian Voelker			
Address: 13498 E 800th St		Copy To: Sam Davies samantha.davies@visltracorp.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@visltracorp.com	Quote Reference:	UST	RCRA	OTHER
Phone: (217) 753-8911	Fax:	Project Name: Jason.Stuckey@visltracorp.com	Project Manager:	Site Location		
Requested Due Date/TAT 10 day		Project Number: 50024191	Profile #:	STATE:	IL	

ITEM #	Section D Required Client Information		Valid Matrix Codes <u>MATRIX</u>		<u>CODE</u>									Requested Analysis Filtered (Y/N)																												
	SAMPLE ID (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE		DRINKING WATER OW	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)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test Y/N											Residual Chlorine (Y/N)	Project No./ Lab I.D.	
																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
1	FB																							X	X			X						SHORT HOLD - NO2								
2	TB1																												X				BTEX Only									
3	TB2																												X				BTEX Only									
4																																										
5																																										
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16																																										

HEN-25Q1 Rev 0

George Assalluy / AFE

1/16/25 0300

Stephanie Hernandez / ELA

1/16/25 1217

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER **George Assalluy**

SIGNATURE of SAMPLER _____ DATE Signed (MM/DD/YY) **1/16/25**

Temp in °C _____

Received on Ice (Y/N) _____

Custody Sealed Cooler (Y/N) _____

Samples Intact (Y/N) _____

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PORT - QUARTER 1, 2025
PLANT EAST ASH POND
300-262718
HEN 845-803

HENNEPIN POWER PLANT EAST ASH POND

Page 1 of 4

Invoice information:

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

23 → 22, 49 → 48, 29 → 28	SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	PRINT Name of SAMPLER <i>George Annally</i>					
	SIGNATURE of SAMPLER <i>[Signature]</i>	DATE Signed (MM/DD/YY) <i>1/17/25</i>				

02/04/25

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845 QUARTERLY REPORT- QUARTER 1, 2025

HENNEPIN POWER PLANT/EAST ASHPOND

HEN-845-803

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				

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

Page 3 of 4

Section A

Required Client Information

Section B
Required Project Information:

Section C
Invoice Information:

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

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER <i>George Assalino</i>					
SIGNATURE OF SAMPLER: <i>George Assalino</i>	DATE Signed (MM/DD/YY) <i>11/17/25</i>				

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		DRINKING WATER	
		UST		RCRA		OTHER	
Site Location		IL		STATE:			

Requested Analysis is Filtered (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
ITEM #	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Y/N ↑	Project No. / Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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570-26718

Page 2 of 4

[illegible]

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER

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

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.

500-262718

Page 3 of 4

Section A Required Client Information.

Company: Vistra Corp-Hennepin
Address: 13498 E 800th St
Hennepin, IL 61327
Email To: Brian.Voelke@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
Purchase Order No. michael.olle@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
Project #: Profile #:

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

ITEM #	Section D Required Client Information		Valid Matrix Codes										MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Analysis Test	Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	MATRIX	CODE	DRINKING WATER	DW	WATER	WT	WASTE WATER	WW	PRODUCT	P	SOLID	SL			OIL	OL			WIPE	WP	AMT	MT	OTHER	OT	TS	Unpreserved					H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ O ₃	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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RELINQUISHED BY AFFILIATION: Dave Feltz
DATE: 1-17-25
TIME: 1000
SIGNATURE: [Signature]
DATE SIGNED: 01/17/2025

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

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

500-262718

Section A Required Client Information.		Section B Required Project Information:		Section C Invoice Information:		Page 4 of 4	
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@visitracorp.com	Company Name:	Vistra Corp		
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.	Jason Stuckey & Michael Oile michael.oile@visitracorp.com	Address	see Section A	NPDES	GROUND WATER
Phone:	(217) 753-8911	Project Name:	Jason.Stuckey@visitracorp.com	Quota Reference:		UST	RCRA
	Fax:			Project Manager:			OTHER
Requested Due Date/TAT	10 day	Project Number:	50024191	Profile #:		Site Location	IL
						STATE	
						REGULATORY AGENCY	
						DRINKING WATER	

[illegible]

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER

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

Page 11
dbn 01/17/2025

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-262718-9

SDG Number: HEN_845_803

Login Number: 262718

List Number: 1

Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	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 $<6\text{mm}$ (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
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2

Client: Vistra Energy Corp
Project: HEN-25Q1

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, EAST ASH POND
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, EAST ASH POND
Job ID: 500-262718-2
JEN-245908
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, EAST ASH POND
Job ID: 590-262718-2
JEN 1245908
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, EAST ASH POND
Job ID: 500-262718-2
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 1245908
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, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
SDG: HEN_000_RAD

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

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, EAST ASH POND
Job ID: 500-262718-2
JEN 1245808
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 1245808
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 145808
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, EAST ASH POND
Job ID: 500-262718-2
JEN 145808
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 145808
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 1245908
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, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
SDG: HEN_000_RAD

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 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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 1245908
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 1245908
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, EAST ASH POND
Job ID: 500-262718-2
JEN 1245808
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
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, EAST ASH POND
Job ID: 500-262718-2
JEN 1245908
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, EAST ASH POND
Job ID: 500-262718-2
JEN 1245908
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 1245908
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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, EAST ASH POND
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, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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, EAST ASH POND
Job ID: 500-262718-2
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
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

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, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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.
245 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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, EAST ASH POND
Job ID: 500-262718-2
JEN 145908
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, EAST ASH POND
Job ID: 500-262718-2
JEN-1945808
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

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

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

QC Association Summary

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

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

QC Association Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN-24-5908
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.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 590-262718-2
JEN-24-5908
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, EAST ASH POND
Job ID: 590-262718-2
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.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 045908
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 Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.619		9.56	10.62		1.12	1.00	0.122	pCi/L	105	60 - 140		
	MS	MS											
Carrier	%Yield	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 Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	0.619		9.55	10.49		1.11	1.00	0.142	pCi/L	103	60 - 140	0.06	1
	MSD	MSD											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	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

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (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

Analyte	Spike Added	LCS Result	LCS Qual	Total 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.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
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, EAST ASH POND
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

Carrier	MB MB		Limits			
	%Yield	Qualifier		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

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.14	10.74		1.63	1.00	0.756	pCi/L	132	75 - 125		
Carrier	LCS LCS		Limits										
	%Yield	Qualifier											
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

Analyte	MB MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
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
Carrier	MB MB		Limits							
	%Yield	Qualifier								
Ba Carrier	83.2		30 - 110							
Y Carrier	80.4		30 - 110							

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

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.14	11.23		1.53	1.00	0.635	pCi/L	138	75 - 125		
Carrier	LCS LCS		Limits										
	%Yield	Qualifier											
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 Sample		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
	Result	Qual								
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, EAST ASH POND
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	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, EAST ASH POND
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	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

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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, EAST ASH POND
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
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Lab Chronicle

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 0145908
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

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 01/14/25
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

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 01/14/25
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

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 01/14/2025
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

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 500-262718-2
JEN 01/14/2025
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

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

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

Client Sample ID: 46

Date Collected: 01/16/25 12:35

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-29

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: 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/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

Date Collected: 01/16/25 09:55

Date Received: 01/17/25 12:24

Lab Sample ID: 500-262718-32

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 11:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Client Sample ID: 07

Date Collected: 01/17/25 07:10

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-33

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 11:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	702692	FLC	EET SL	02/12/25 13:51

Lab Chronicle

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

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

Client Sample ID: 08

Date Collected: 01/17/25 08:10

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-34

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	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

Date Collected: 01/17/25 09:05

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-35

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	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

Date Collected: 01/17/25 09:10

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-36

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	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

Date Collected: 01/17/25 10:45

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-37

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	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

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

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

Client Sample ID: 49

Date Collected: 01/17/25 10:00

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-38

Matrix: Water

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

Date Collected: 01/17/25 10:00

Date Received: 01/17/25 14:00

Lab Sample ID: 500-262718-39

Matrix: Water

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.
15 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
Job ID: 590-262718-2
JEN 1245908
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

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

Section A
Required Client Information:

Section B
Required Project Information.

Section C

Company	Vistra Corp-Hennepin	Report To: Brian Voelker	Attention	Brian Voelker
Address	13488 E 800th St	Copy To: Sam Davies samantha.davies@vistracorp.com	Company Name	Vistra Corp
	Hennepin, IL 61327	Jason Stuckey & Michael Olle	Address	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No. michael.olle@vistracorp.com	Quote Reference:	
Phone (217) 753-8911	Fax:	Project Name: Jason.Stuckey@vistracorp.com	Project Manager	
Requested Due Date/TAT 10 day		Project Number: 50024191	Profile #:	



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

500-262718 COC

Project Number: 50024191

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DW DRINKING WATER WW WASTE WATER P PRODUCT SL SOIL/SOLID OL OIL WP WPIPE AR AIR CS CLOTHES TS TISSUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		# OF CONTAINERS	Preservatives	Y/N ↓	Requested Analysis Filtered (Y/N)																			
					DATE	TIME				H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	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.
1	02				1/14/25	0915	5		A	X	X													X		SHORT HOLD - NO2			
2	03R				1/14/25	0915	5		B	X	X													X		SHORT HOLD - NO2			
3	03R FD				1/14/25	0920			B	X	X													X		SHORT HOLD - NO2			
4	05DR								E																	SHORT HOLD - NO2			
5	05IR								E	X	X															SHORT HOLD - NO2			
6	07								B	X	X	X											X			SHORT HOLD - NO2			
7	08								C	X	X	X											X			SHORT HOLD - NO2			
8	08&D				1/14/25	1345			C	X	X	X											X			SHORT HOLD - NO2			
9	10								D														X			SHORT HOLD - NO2			
10	12								F	X		X										X				SHORT HOLD - NO2			
11	13								F	X		X										X				SHORT HOLD - NO2			
12	16								G	X	X	X										X							
13	16-FB								G	X	X	X										X							
14	17								G	X	X	X										X							
15	18&D				1/14/25	1041			B	X	X	X												X		SHORT HOLD - NO2			
16	18#S				1/14/25	1210			B	X	X	X												X		SHORT HOLD - NO2			

HEN-25Q1 Rev 0

AGE	11/5/25	0800	216	11/15/25	1018
AGE	11/5/25	0800	216	11/15/25	216

23-722-0.4-70,1,5-712

PRINT Name of SAMPLER	George Assalley	DATE Signed (MM/DD/YY)	1/15/25
SIGNATURE of SAMPLER	<i>George Assalley</i>		

DATE Signed
(MM/DD/YY) 1/16/25

Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
------------	-----------------------	-----------------------------	----------------------

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
HEN-845-803

500-262768

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Visira Corp-Hennepin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	13498 E 800th St Hennepin, IL 61327	Copy To:	Sam Davies samantha.davies@visitracorp.com	Company Name:	Visira Corp
Email To:	Brian.Voelker@VisiraCorp.com	Purchase Order No.:	Michael.olle@visitracorp.com	Address:	see Section A
Phone:	(217) 753-8911	Project Name:	Jason.Stuckey@visitracorp.com	Quote Reference:	
Requested Due Date/TAT:	10 day	Project Manager:		Project Manager:	
		Profile #:	50024191		

REGULATORY AGENCY	
NPDES	GROUND WATER
USE	RCRA
OTHER	
Site Location	IL
STATE	

Section D Required Client Information		Valid Matrix Codes		Matrix Code		Sample Type (G-GRAB C-COMP)		Collected		Sample Temp at Collection		Preservatives		Analysis Test		Requested Analysis Filtered (Y/N)	
Item #	Sample ID (A-Z, 0-9 /) Sample IDs must be unique	DW DRINKING WATER	WT WATER	WW WASTEWATER	P PRODUCT	SL SOILSOLID	OL OIL	WP WASTE PRODUCT	AR AIR	OT OTHER	TS TISSUE	DATE	TIME	DATE	TIME	DATE	TIME
1	21R																
2	22																
3	22&D																
4	23																
5	25																
6	26																
7	27																
8	30																
9	31																
10	32																
11	33																
12	34																
13	35																
14	35-FD																
15	36																
16	40#S																

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS	
HEN-25Q1 Rev 0		George Adallix A3E		1/15/25		10:00		George Adallix		1/15/25		10:18		BTW Only	
		George Adallix		1/15/25		12:16		George Adallix		1/15/25		12:16		BTW Only	

PRINT Name of SAMPLER		DATE Signed (MM/DD/YY)	
George Adallix		1/15/25	
SIGNATURE of SAMPLER			

500-262718

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company	Vistra Corp-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 #	

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

Section D Required Client Information		Valid Matrix Codes		Matrix CODE		COLLECTED		SAMPLE TYPE (G=GRAV C=COMP)		SAMPLE TEMP AT COLLECTION		# OF CONTAINERS		Preservatives		Y/N		Requested Analysis Filtered (Y/N)		Project No./ Lab I.D.	
SAMPLE ID (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE		MATRIX CODE		DATE		TIME		DATE		TIME		DATE		TIME		DATE		TIME		DATE	
45#S		46		11/14/25		1410														HEN-WPCP-East	
46		47		11/14/25		1410														HEN-WPCP-West	
47		48R		11/14/25		1540														HEN-845-804	
48R		49		11/14/25		1540														HEN-845-803	
49		50		11/14/25		1540														HEN-845-802-805	
50		51		11/14/25		1540														HEN-811-801	
51		52		11/14/25		1540														HEN-257-803	
52		54		11/14/25		1540														HEN-257-802	
54		54 FD		11/14/25		1540														HEN-257-801	
54 FD		55		11/14/25		1540														HEN-000-RAD	
55		SG02		11/14/25		1540														HEN-000	
SG02		XPW01		11/14/25		1540														HEN-000-RAD	
XPW01		XPW02		11/14/25		1540														HEN-000-RAD	
XPW02		XPW03		11/14/25		1540														HEN-000-RAD	
XPW03		XSG01		11/14/25		1540														HEN-000-RAD	
XSG01				11/14/25		1540														HEN-000-RAD	

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS	
HEN-25Q1 Rev 0		George Assalley / ASE		11/15/25		0800		George Assalley		11/15/25		1018		Received on	
		George Assalley		11/15/25		1216		George Assalley		11/15/25		1216		Sealed Cooler	
		George Assalley		11/15/25		1216		George Assalley		11/15/25		1216		Intact (Y/N)	

PRINT Name of SAMPLER		DATE Signed (MM/DD/YY)	
George Assalley		11/15/25	
SIGNATURE of SAMPLER		DATE Signed (MM/DD/YY)	
George Assalley		11/15/25	

500-26211

500-262718 COC

Page 1 of 4

Section C

Invoice information:

Requested Analysis Filtered (Y/N)

11 号
12 号
13 号

$$2.7 + 2.6, 3.3 + 3.2, 4.0 + 3.9$$
02/12/25

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500-7107719 HEN-845-803

Page 2 of 4

SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER <i>George Asailey</i> SIGNATURE OF SAMPLER <i>George Asailey</i>		DATE Signed <i>1/16/25</i> (MM/DD/YY)	Temp in °C Received on (mm/yy) Custody Sealed Cooler (Y/N) Samples Intact (Y/N)

CHAIN-OF-CUSTODY / Analytical Request Document

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ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
HENNEPIN POWER PLANT, EAST ASH POND
HEN-845-803

Page 3 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:																
Company: <u>Vistra Corp-Hennepin</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Brian Voelker</u>																
Address: <u>13498 E 800th St</u>		Copy To: <u>Sam Davies samantha.davies@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 #:																
<table border="1"> <tr> <th colspan="3">REGULATORY AGENCY</th> </tr> <tr> <td>NPDES</td> <td>GROUND WATER</td> <td>DRINKING WATER</td> </tr> <tr> <td>UST</td> <td>RCRA</td> <td>OTHER</td> </tr> <tr> <td>Site Location</td> <td>IL</td> <td></td> </tr> <tr> <td>STATE</td> <td></td> <td></td> </tr> </table>						REGULATORY AGENCY			NPDES	GROUND WATER	DRINKING WATER	UST	RCRA	OTHER	Site Location	IL		STATE		
REGULATORY AGENCY																				
NPDES	GROUND WATER	DRINKING WATER																		
UST	RCRA	OTHER																		
Site Location	IL																			
STATE																				

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	Stephanie Hernandez EETA	1/16/25	1020				
	Stephanie Hernandez EETA	1/16/25	1213							
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										
SIGNATURE of SAMPLER [Signature]										
DATE Signed (MM/DD/YY) 1/16/25										

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Page 4 of 4

Page 4 of 4

Page 4 of 4Page 4 of 4

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Invoice information:

Page 1 of 4



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

23
24

23 → 22, 49 → 48, 29 → 28

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER <i>George Bralley</i>					
SIGNATURE of SAMPLER <i>George Bralley</i>	DATE Signed (MM/DD/YY) <i>1/17/25</i>				

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

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				

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

Page 3 of 4

[illegible]Page 69 of 79

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		COLLECTED	DATE	TIME	SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS
	MATRIX CODE	CODE							
	DRINKING WATER	DW							
	WASTE WATER	WW							
	PRODUCT	P							
	SOLID	SL							
	LIQUID	VL							
	WIRE	WR							
	AIR	AR							
	OTHER	OT							
	TISSUE	TS							
	SAMPLE ID (A-Z, 0-9 /)								
	Sample IDs MUST BE UNIQUE								
	Preservatives								
	Analysis Test								
	Y/N								
	Unpreserved								
	H ₂ SO ₄								
	HNO ₃								
	HCl								
	NaOH								
	Na ₂ S ₂ O ₃								
	Methanol								
	Other								
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
HEN-25Q1 Rev 0	Corne Filer	1/17/25	1400	Corne Filer	1/17/25	1400
50+5.7, 4.6+4.5, 2.0+2.1 2.0+1.9 1/17/25 SH						
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: Corne Filer SIGNATURE of SAMPLER: Corne Filer DATE Signed (MM/DD/YY): 1/17/25						

50+5.7, 4.6+4.5, 2.0+2.1
2.0+1.9
1/17/25
SH

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Corne Filer
SIGNATURE of SAMPLER: Corne Filer
DATE Signed (MM/DD/YY): 1/17/25

Temp in °C
Received on
Sealed Cooler
Custody
Samples Intact (Y/N)

570-26718

Page 2 of 4

Section C
Invoice Information:

Section D Required Client Information		Valid Matrix Codes MATRIX		MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		Requested Analysis Filtered (Y/N)		Project No./ Lab I D.	
ITEM #	Sample IDs MUST BE UNIQUE (A-Z 0-9 /)	DRINKING WATER WASTE WATER PRODUCT SOIL/SOLID OIL WPE AIRBORNE TSSUE	OW WW P SL OL WP ART TSS	CODE			DATE	TIME	Y/N	DATE	TIME	Residual Chlorine (Y/N)
1	21R											
2	22											
3	22&D											
4	23						1-11-25	1045				
5	25											
6	26											
7	27											
8	30											
9	31											
10	32											
11	33											
12	34											
13	35											
14	35 FD											
15	36											
16	40HS											

ADDITIONAL COMMENTS

HEN-25Q1 Rev 0

RELINQUISHED BY / AFFILIATION

DATE

TIME

ACCEPTED BY / AFFILIATION

DATE

TIME

SAMPLE CONDITIONS

11/11/25

1400

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER

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

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.

500-262718

Page 3 of 4

Section A
Required Client Information:

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

Section B
Required Project Information:

Report To: Brian Voelker
Copy To: Sam Davies samantha.davies@visiracorp.com
Purchase Order No.: michael.olle@visiracorp.com
Project Name: Jason Sluckey@visiracorp.com
Project Number: 50024191

Section C
Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location IL
STATE

Section D
Required Client Information

SAMPLE ID
(A-Z, 0-9 /)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes
MATRIX CODE
DW DRINKING WATER
WT WASTE WATER
WW WASTE WATER
P PRODUCT
S SOLID
OIL OIL
WI WIPE
AIR AIR
OT OTHER
TS TISSUE

COLLECTED
DATE TIME
1-17-25 1000

MATRIX CODE
(see valid codes to left)

SAMPLE TYPE (G=GRAB C=COMP)

RELINQUISHED BY / AFFILIATION
Sam Davies

DATE
1-17-25

TIME
1000

ADDITIONAL COMMENTS
HEN-25Q1 Rev 0

Requested Analysis Filtered (Y/N)

ITEM #	Valid Matrix Codes	MATRIX CODE	SAMPLE TYPE	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
1	45#S												
2	46												
3	47												
4	48R												
5	49												
6	50												
7	51												
8	52												
9	54												
10	54 FD												
11	55												
12	SG02												
13	XPW01												
14	XPW02												
15	XPW03												
16	XSG01												

Project No. / Lab I D.
SHORT HOLD - NO2

Residual Chlorine (Y/N)
HEN-WPCP-East
HEN-845-804
HEN-845-803
HEN-845-802-805
HEN-811-801
HEN-257-804
HEN-257-803
HEN-257-802
HEN-257-801
HEN-000-RAD
HEN-000

Preservatives
Unpreserved
H₂SO₄
HNO₃
HCl
NaOH
Na₂S₂O₃
Methanol
Other

OF CONTAINERS

SAMPLE TEMP AT COLLECTION

Y/N

Analysis Test

DTW Only
DTW Only (YSG -ILRVer)

DTW Only

SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER
SIGNATURE of SAMPLER

DATE Signed (MM/DD/YYYY)
1/17/25

DATE Signed (MM/DD/YYYY)
1/17/25

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

dbn 01/17/2025

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

page 4 of 4

~~HEN~~-845-803

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

dbn 01/17/2025

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

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

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

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, EAST ASH POND
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)	
Lab Sample ID	Client Sample ID	Ba (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

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

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

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>0630</u>						
Field Personnel: <u>G. Aschallberg</u>			Finish Date: <u>1/17/25</u>			Time:						
WELL INFORMATION					EVENT TYPE							
Well ID: <u>7</u>					Well Development				Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>FA04590</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) 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>0645</u>	✓	<u>69.68</u>	—	—	—	—	—	—	—	—
Purge	5	<u>0650</u>		<u>69.80</u>		<u>10.8</u>	<u>6.80</u>	<u>1.136</u>	<u>5.65</u>	<u>4.38</u>	<u>164.0</u>	<u>clear</u>
↓	10	<u>0655</u>		<u>69.74</u>		<u>10.8</u>	<u>6.80</u>	<u>1.136</u>	<u>5.63</u>	<u>4.55</u>	<u>165.0</u>	<u>clear</u>
↓	15	<u>0700</u>		<u>69.79</u>		<u>10.7</u>	<u>6.81</u>	<u>1.144</u>	<u>5.62</u>	<u>5.25</u>	<u>168.6</u>	<u>clear</u>
*****	20	<u>0705</u>		<u>69.84</u>		<u>10.7</u>	<u>6.81</u>	<u>1.141</u>	<u>5.57</u>	<u>3.93</u>	<u>171.4</u>	<u>↓</u>
Sample	25	<u>0710</u>										
	30											
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sample ID: <u>7</u> Sampled @ <u>0710</u> on <u>1/17/2025</u>								Cond. - Actual Conductivity				
								FT BTDC - Feet Below Top of Casing na -				
								ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard				

Hen-7 @ 0710

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>0740</u>								
Field Personnel: <u>G. Assalby</u>			Finish Date: <u>1/17/2025</u>		Time:									
WELL INFORMATION					EVENT TYPE									
Well ID: <u>08</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. (ps/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>0745</u>	<u>—</u>	<u>52.24</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>		
Purge	5	<u>0750</u>	<u>0.5</u>	<u>55.28</u>	<u>—</u>	<u>12.6</u>	<u>6.68</u>	<u>2.036</u>	<u>0.96</u>	<u>3.58</u>	<u>178.9</u>	<u>Clear</u>		
↓	10	<u>0755</u>	<u>0.5</u>	<u>55.20</u>		<u>12.5</u>	<u>6.70</u>	<u>2.037</u>	<u>0.49</u>	<u>2.57</u>	<u>178.3</u>	<u>↓</u>		
↓	15	<u>0800</u>	<u>1</u>	<u>55.35</u>		<u>12.6</u>	<u>6.71</u>	<u>2.037</u>	<u>0.43</u>	<u>2.18</u>	<u>178.0</u>	<u>↓</u>		
*****	20	<u>0805</u>	<u>2</u>	<u>55.42</u>		<u>12.6</u>	<u>6.71</u>	<u>2.034</u>	<u>0.42</u>	<u>1.85</u>	<u>178.0</u>	<u>↓</u>		
Sample	25	<u>0810</u>	<u>—</u>	<u>55.32</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>		
	30													
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)								ABBREVIATIONS						
Sample ID: <u>Hen-08</u> Sampled @ <u>0810</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-08 sampled @ 0810

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>1315</u>		
Field Personnel: <u>Lorne</u>		Finish Date: <u>Same</u>		Time: <u>1345</u>								
WELL INFORMATION						EVENT TYPE						
Well ID: <u>8D</u>						Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>FA04590</u>		
Casing ID: <u>2</u> <u>Inches</u>						Well Volume Approach Sampling		(Specify): Low Flow		Heron Serial NO: <u>FA01456</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>1315</u>		<u>55.85</u>								<u>Clear</u>
Purge	5	<u>1320</u>		<u>55.85</u>		<u>12.1</u>	<u>14.87</u>	<u>2.157</u>	<u>0.46</u>	<u>2.82</u>	<u>151.2</u>	
	10	<u>1325</u>		<u>55.85</u>		<u>12.0</u>	<u>7.84</u>	<u>2.130</u>	<u>0.30</u>	<u>2.40</u>	<u>152.2</u>	
	15	<u>1330</u>		<u>55.85</u>		<u>11.9</u>	<u>7.14</u>	<u>2.165</u>	<u>0.25</u>	<u>2.80</u>	<u>153.9</u>	
*****	20	<u>1335</u>		<u>55.85</u>		<u>11.8</u>	<u>7.13</u>	<u>2.092</u>	<u>0.20</u>	<u>2.30</u>	<u>154.1</u>	
	25	<u>1340</u>		<u>55.85</u>		<u>11.8</u>	<u>7.12</u>	<u>2.099</u>	<u>0.19</u>	<u>2.33</u>	<u>154.5</u>	
	30	<u>1345</u>	<u>2 GAL</u>	<u>55.85</u>		<u>11.8</u>	<u>7.11</u>	<u>2.097</u>	<u>0.19</u>	<u>2.39</u>	<u>154.8</u>	
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sample ID: <u>8D</u> Sampled @ <u>1345</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				

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>0900</u>		
Field Personnel: <u>Lorne Fi</u>			Finish Date: <u>1/14/25</u>			Time: _____											
WELL INFORMATION						EVENT TYPE											
Well ID: <u>12</u>						Well Development											
Casing ID: <u>2</u> Inches						Well Volume Approach Sampling											
						Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>4590</u>											
						(Specify): Low Flow Heron Serial NO: <u>1456</u>											
WATER QUALITY INDICATOR PARAMETERS (continued)																	
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity					
Pre	0	<u>0905</u>		<u>Dry</u>													
Purge	5																
	10																
	15																
*****	20																
	25																
	30																
	35																
	40																
	45																
	50																
	55																
	60																
NOTES (continued)								ABBREVIATIONS									
Sample ID: _____								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -									
Sampled @ _____ on ____ / ____ / 2025								FT BTOT - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard									

Dry

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: Hennepin		Client: Vistra		Project Number:		Task #:		Start Date: 1/15/2025		Time: 1330			
Field Personnel: LORIE		Finish Date: Same								Time: 1405			
WELL INFORMATION					EVENT TYPE								
Well ID: 13					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: 4590
Casing ID: 2 (Inches)					Well Volume Approach Sampling				(Specify): Low Flow				Heron Serial NO: 1456
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	1330		53.05								Clear	
Purge	5	1335		53.05		13.7	7.98	884	1.01	2.95	63.4		
	10	1340	1 Gal	53.05		13.3	7.72	954	0.54	2.98	66.7		
	15	1345		53.05		13.5	7.63	952	0.52	2.93	67.7		
*****	20	1350		53.05		14.2	7.57	959	0.32	2.90	68.9		
	25	1355	2 Gal	53.05		14.1	7.56	962	0.31	2.65	69.6		
	30	1400		53.05		14.2	7.55	963	0.29	2.70	70.3		
	35	1405		53.05		14.1	7.55	964	0.28	2.68	71.6		
	40	1410	3 Gal										
	45	1415											
	50												
	55												
	60												
NOTES (continued)								ABBREVIATIONS					
Sample ID: 13 Sampled @ 1405 on 1/15/2025								Cond. - Actual Conductivity					
								ORP - Oxidation-Reduction Potential SEC -					
								FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard					

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION															
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Project Number: <u> </u>			Task #: <u> </u>			Start Date: <u>1/17/2025</u>		Time: <u>0835</u>	
Field Personnel: <u>G. Assalvey</u>			Finish Date: <u>1/17/25</u>			Time: <u> </u>									
WELL INFORMATION					EVENT TYPE										
Well ID: <u>16</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>FA04590</u>		
Casing ID: <u> </u> 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) 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	0835	0	55.50											
Purge	5	0840	0.5	55.63		16.3	7.29	0.927	1.61	3.49	148.5	Clear			
↓	10	0845	0.5	55.65		16.4	7.30	0.927	0.58	4.25	149.0	↓			
↓	15	0850	0.5	55.74		16.4	7.31	0.927	0.40	3.44	149.1	↓			
*****	20	0855	1	55.90		16.4	7.31	0.926	0.29	2.85	149.0	↓			
↓	25	0900	1.5	55.95		16.4	7.31	0.927	0.29	3.24	149.0	↓			
Sample	30	0905	—		—	—	—	—	—	—	—	—			
Sample	35	0910	—		—	—	—	—	—	—	—	—			
	40														
	45														
	50														
	55														
	60														
NOTES (continued)								ABBREVIATIONS							
Sample ID: <u>16</u> Sampled @ <u>0905</u> on <u>1/17/2025</u> <u>0910</u>								Cond. - Actual Conductivity					ORP - Oxidation-Reduction Potential SEC -		
								FT BTOC - Feet Below Top of Casing na -					Specific Electrical Conductance SU - Standard		

Hen_16 sampled @ 09105
Hen_16 FD sampled @ 09110

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Project Number: <u>1155</u>		Task #: <u>1155</u>		Start Date: <u>1/15/2025</u>		Time: <u>11:55</u>			
Field Personnel: <u>Lorne</u>		Finish Date: <u>Same</u>		Time: <u></u>									
WELL INFORMATION						EVENT TYPE							
Well ID: <u>17</u> Casing ID: <u>2</u> <u>Inches</u>						Well Development Well Volume Approach Sampling		Low-Flow / Low Stress Sampling Other (Specify): Low Flow		YSI SERIAL NO: <u>4590</u> Heron Serial NO: <u>1456</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>1155</u>		<u>60.50</u>								<u>Clear</u>	
Purge	5	<u>1200</u>		<u>60.50</u>		<u>15.09</u>	<u>7.28</u>	<u>1.021</u>	<u>3.74</u>	<u>5.80</u>	<u>77.7</u>		
	10	<u>1205</u>		<u>60.50</u>		<u>16.1</u>	<u>7.22</u>	<u>1.029</u>	<u>3.70</u>	<u>3.46</u>	<u>86.3</u>		
	15	<u>1210</u>	<u>1 Gal</u>	<u>60.50</u>		<u>16.1</u>	<u>7.18</u>	<u>1.032</u>	<u>3.74</u>	<u>2.45</u>	<u>90.2</u>		
*****	20	<u>1215</u>		<u>60.50</u>		<u>16.1</u>	<u>7.18</u>	<u>1.032</u>	<u>3.73</u>	<u>2.51</u>	<u>91.7</u>		
	25	<u>1220</u>	<u>2 Gal</u>	<u>60.50</u>		<u>16.2</u>	<u>7.18</u>	<u>1.031</u>	<u>3.74</u>	<u>2.12</u>	<u>94.7</u>		
	30												
	35												
	40												
	45												
	50												
	55												
	60												
NOTES (continued)								ABBREVIATIONS					
Sample ID: <u>17</u> Sampled @ <u>1220</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					

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: Hennepin		Client: Vistra		Project Number:		Task #:		Start Date: 1/16/2025		Time: 1210				
Field Personnel: Lorne		Finish Date: Same		Time:										
WELL INFORMATION				EVENT TYPE										
Well ID: 46				Well Development					Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: 4590			
Casing ID: 2 (Inches)				Well Volume Approach Sampling					(Specify): Low Flow		Heron Serial NO: 1456			
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	1215		53.25								Clean		
Purge	5	1220	1 GAL	53.25		15.5	7.89	9.3	2.24	2.35	145.9			
	10	1225		53.25		15.5	7.59	9.14	2.69	2.39	144.1			
	15	1230		53.25		15.4	7.58	9.13	2.69	2.37	143.4			
*****	20	1235	2 GAL	53.25		15.4	7.58	9.14	2.68	2.38	142.2			
	25	1240												
	30													
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)								ABBREVIATIONS						
Sample ID: Sampled @ 1235 on 1/16/2025								Cond. - Actual Conductivity					ORP - Oxidation-Reduction Potential SEC -	
								FT BTOC - Feet Below Top of Casing na					Specific Electrical Conductance SU - Standard	

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>1050</u>								
Field Personnel: <u>G. Assalmy</u>		Finish Date: <u>1/15/2025</u>		Time: <u>1150</u>										
WELL INFORMATION				EVENT TYPE										
Well ID: <u>47</u>				Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>FAD04234</u>				
Casing ID: _____ Inches				Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>FAD 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	1055	0	<u>GA 57.49</u>	—	—	—	—	—	—	—	—		
Purge	5	1100	0	<u>57.50</u>	—	14.8	7.40	1.851	6.79	3.51	95.9	612av		
↓	10	1105	0.5	<u>57.44</u>	—	15.3	7.18	1.912	3.44	4.74	65.1	↓		
↓	15	1110	1	<u>57.52</u>	—	15.3	7.17	1.918	2.37	3.72	64.6	↓		
*****	20	1115	1.5	<u>57.42</u>	—	15.4	7.16	1.916	2.56	2.83	78.6	↓		
↓	25	1120	2	<u>57.45</u>	—	15.7	7.16	1.914	2.45	2.57	85.0	↓		
↓	30	1125	2	<u>57.42</u>	—	15.8	7.16	1.917	2.37	2.48	77.4	↓		
↓	35	1130	2.5	<u>57.45</u>	—	15.7	7.16	1.916	2.29	2.22	75.7	↓		
Sample	40	1135	—	<u>57.44</u>	—	—	—	—	—	—	—	—		
	45													
	50				<u>GA</u>									
	55													
	60													
NOTES (continued)								ABBREVIATIONS						
Sample ID: <u>47</u> Sampled @ <u>1135</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-47 Sampled @ 1135

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>1155</u>		
Field Personnel: <u>G. A. Sweeney</u>			Finish Date: <u>1/15/2025</u>			Time: <u>1255</u>											
WELL INFORMATION						EVENT TYPE											
Well ID: <u>52</u>						Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>FA04234</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) 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>1200</u>		<u>55.56</u>													
Purge	5	<u>1205</u>															
↓	10	<u>1210</u>															
↓	15	<u>1215</u>	<u>0.5</u>	<u>55.62</u>		<u>16.7</u>	<u>7.19</u>	<u>1.900</u>	<u>3.12</u>	<u>2.11</u>	<u>106.6</u>	<u>Clear</u>					
*****	20	<u>1220</u>		<u>55.45</u>		<u>16.9</u>	<u>7.16</u>	<u>1.910</u>	<u>3.56</u>	<u>2.60</u>	<u>107.3</u>	↓					
↓	25	<u>1225</u>		<u>55.87</u>		<u>16.9</u>	<u>7.15</u>	<u>1.912</u>	<u>3.25</u>	<u>1.98</u>	<u>107.8</u>	↓					
↓	30	<u>1230</u>		<u>55.42</u>		<u>17.0</u>	<u>7.15</u>	<u>1.911</u>	<u>3.20</u>	<u>1.77</u>	<u>108.3</u>	↓					
↓	35	<u>1235</u>				<u>16.9</u>	<u>7.16</u>	<u>1.910</u>	<u>3.17</u>	<u>2.17</u>	<u>109.7</u>	↓					
↓	40	<u>1240</u>				<u>17.0</u>	<u>7.15</u>	<u>1.911</u>	<u>3.15</u>	<u>1.98</u>	<u>110.7</u>	↓					
Sample	45	<u>1245</u>		<u>55.65</u>													
	50																
	55																
	60																
NOTES (continued)								ABBREVIATIONS									
Sample ID: <u>52</u>								Cond. - Actual Conductivity									
Sampled @ <u>1245</u> on <u>1/15/2025</u>								FT BTOC - Feet Below Top of Casing na -									
Data * Gaps are frozen tubing								ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard									

Hen-52 Sampled @ 1245

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: Hennepin		Client: Vistra		Project Number:		Task #:		Start Date: 1/14/2025		Time: 1505				
Field Personnel: Corne		Finish Date: Same		Time:										
WELL INFORMATION				EVENT TYPE										
Well ID: 54				Well Development					Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: FA04590	
Casing ID: 2 inches				Well Volume Approach Sampling					(Specify): Low Flow				Heron Serial NO: FA0156	
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	1505		5490										
Purge	5	1510		5490		15.3	7.44	0.931	1.63	5.62	61.0			
	10	1515		5490		15.4	7.41	0.933	1.50	4.92	64.0			
	15	1520		5490		15.4	7.40	0.934	1.40	3.60	67.0			
*****	20	1525		5490		15.5	7.39	0.933	1.47	3.25	70.2			
	25	1530		5490		15.4	7.38	0.931	1.42	6.25	72.4			
	30													
	35													
	40													
	45													
	50													
	55													
	60													
Sample ID: 54								NOTES (continued)					ABBREVIATIONS	
Sampled @ 1530 on 1/14/2025													Cond. - Actual Conductivity FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard	
													ORP - Oxidation-Reduction Potential SEC -	

54FD @ 1540 1-14-2025

**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 1, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
12	UA	E008	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.001
12	UA	E008	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.001
12	UA	E008	Barium, total	mg/L	--	--	--	--	NS ⁷	0.212
12	UA	E008	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.001
12	UA	E008	Boron, total	mg/L	--	--	--	--	NS ⁷	0.163
12	UA	E008	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.00230
12	UA	E008	Chloride, total	mg/L	--	--	--	--	NS ⁷	435
12	UA	E008	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.00100
12	UA	E008	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.0380
12	UA	E008	Fluoride, total	mg/L	--	--	--	--	NS ⁷	0.120
12	UA	E008	Lead, total	mg/L	--	--	--	--	NS ⁷	0.00150
12	UA	E008	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.0190
12	UA	E008	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.0002
12	UA	E008	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.00170
12	UA	E008	pH (field)	SU	--	--	--	--	NS ⁷	6.6/7.5
12	UA	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	2.00
12	UA	E008	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.00140
12	UA	E008	Sulfate, total	mg/L	--	--	--	--	NS ⁷	215
12	UA	E008	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.001
12	UA	E008	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	1,620
13	UA	E008	Antimony, total	mg/L	12/09/15 - 01/15/25	24	97	CB around T-S line	0.001	0.001
13	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/15/25	29	98	CI around median	0.001	0.001
13	UA	E008	Barium, total	mg/L	12/09/15 - 01/15/25	31	0	CI around mean	0.0433	0.212
13	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/15/25	23	100	All ND - Last	0.001	0.001
13	UA	E008	Boron, total	mg/L	12/09/15 - 01/15/25	32	0	CB around linear reg	0.0377	0.163
13	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/15/25	33	98	CB around T-S line	0.000591	0.00230
13	UA	E008	Chloride, total	mg/L	12/09/15 - 01/15/25	32	0	CI around mean	73.1	435

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
13	UA	E008	Chromium, total	mg/L	12/09/15 - 01/15/25	29	88	CB around T-S line	0.00177	0.00100
13	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/15/25	27	85	Most recent sample	0.001	0.0380
13	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/15/25	32	2	CI around median	0.2	0.120
13	UA	E008	Lead, total	mg/L	12/09/15 - 01/15/25	29	98	CB around T-S line	0.000739	0.00150
13	UA	E008	Lithium, total	mg/L	12/09/15 - 01/15/25	28	0	CB around linear reg	0.00968	0.0190
13	UA	E008	Mercury, total	mg/L	12/09/15 - 01/15/25	26	100	All ND - Last	0.0002	0.0002
13	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/15/25	31	24	CI around mean	0.0138	0.00170
13	UA	E008	pH (field)	SU	12/09/15 - 01/15/25	39	0	CI around mean	7.4/7.5	6.6/7.5
13	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/15/25	27	0	CI around mean	0.473	2.00
13	UA	E008	Selenium, total	mg/L	12/09/15 - 01/15/25	31	50	CI around mean	0.00134	0.00140
13	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/15/25	32	0	CI around mean	76.1	215
13	UA	E008	Thallium, total	mg/L	12/09/15 - 01/15/25	23	100	All ND - Last	0.002	0.001
13	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/15/25	31	0	CI around mean	485	1,620
46	UA	E008	Antimony, total	mg/L	12/09/15 - 01/16/25	23	100	All ND - Last	0.003	0.001
46	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/16/25	25	100	All ND - Last	0.001	0.001
46	UA	E008	Barium, total	mg/L	12/09/15 - 01/16/25	27	0	CB around linear reg	0.0662	0.212
46	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/16/25	22	100	All ND - Last	0.001	0.001
46	UA	E008	Boron, total	mg/L	12/09/15 - 01/16/25	28	0	CI around mean	0.197	0.163
46	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/16/25	26	100	All ND - Last	0.0005	0.00230
46	UA	E008	Chloride, total	mg/L	12/09/15 - 01/16/25	28	0	CI around mean	70.8	435
46	UA	E008	Chromium, total	mg/L	12/09/15 - 01/16/25	25	92	CB around T-S line	0.00176	0.00100
46	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/16/25	26	100	All ND - Last	0.001	0.0380
46	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/16/25	28	4	CI around median	0.24	0.120
46	UA	E008	Lead, total	mg/L	12/09/15 - 01/16/25	25	100	All ND - Last	0.0005	0.00150
46	UA	E008	Lithium, total	mg/L	12/09/15 - 01/16/25	27	4	CI around mean	0.00866	0.0190
46	UA	E008	Mercury, total	mg/L	12/09/15 - 01/16/25	22	100	All ND - Last	0.0002	0.0002
46	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/16/25	27	0	CB around T-S line	0.00956	0.00170

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
46	UA	E008	pH (field)	SU	12/09/15 - 01/16/25	28	0	CB around linear reg	7.1/7.4	6.6/7.5
46	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/16/25	27	0	CI around geomean	0.311	2.00
46	UA	E008	Selenium, total	mg/L	12/09/15 - 01/16/25	27	67	CI around median	0.001	0.00140
46	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/16/25	28	0	CI around geomean	62.9	215
46	UA	E008	Thallium, total	mg/L	12/09/15 - 01/16/25	22	100	All ND - Last	0.002	0.001
46	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/16/25	28	0	CB around linear reg	454	1,620
47	UA	E008	Antimony, total	mg/L	12/09/15 - 01/15/25	23	100	All ND - Last	0.003	0.001
47	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/15/25	25	96	CI around median	0.001	0.001
47	UA	E008	Barium, total	mg/L	12/09/15 - 01/15/25	27	0	CI around mean	0.0789	0.212
47	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/15/25	22	100	All ND - Last	0.001	0.001
47	UA	E008	Boron, total	mg/L	12/09/15 - 01/15/25	28	0	CI around geomean	0.225	0.163
47	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/15/25	26	100	All ND - Last	0.0005	0.00230
47	UA	E008	Chloride, total	mg/L	12/09/15 - 01/15/25	28	0	CI around mean	73.9	435
47	UA	E008	Chromium, total	mg/L	12/09/15 - 01/15/25	25	96	CB around T-S line	0.00177	0.00100
47	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/15/25	26	85	CI around median	0.001	0.0380
47	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/15/25	28	4	CB around T-S line	0.215	0.120
47	UA	E008	Lead, total	mg/L	12/09/15 - 01/15/25	25	100	All ND - Last	0.0005	0.00150
47	UA	E008	Lithium, total	mg/L	12/09/15 - 01/15/25	27	0	CI around mean	0.00864	0.0190
47	UA	E008	Mercury, total	mg/L	12/09/15 - 01/15/25	22	100	All ND - Last	0.0002	0.0002
47	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/15/25	27	0	CB around linear reg	0.014	0.00170
47	UA	E008	pH (field)	SU	12/09/15 - 01/15/25	28	0	CI around mean	7.0/7.1	6.6/7.5
47	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/15/25	27	0	CI around geomean	0.315	2.00
47	UA	E008	Selenium, total	mg/L	12/09/15 - 01/15/25	26	88	CB around T-S line	0.001	0.00140
47	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/15/25	28	0	CI around mean	65.1	215
47	UA	E008	Thallium, total	mg/L	12/09/15 - 01/15/25	22	100	All ND - Last	0.002	0.001
47	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/15/25	28	0	CI around mean	481	1,620
52	UA	E008	Antimony, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.003	0.001

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
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HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
52	UA	E008	Arsenic, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.001	0.001
52	UA	E008	Barium, total	mg/L	02/24/21 - 01/15/25	17	0	CI around mean	0.0759	0.212
52	UA	E008	Beryllium, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.001	0.001
52	UA	E008	Boron, total	mg/L	02/24/21 - 01/15/25	17	0	CB around linear reg	0.241	0.163
52	UA	E008	Cadmium, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.0005	0.00230
52	UA	E008	Chloride, total	mg/L	02/24/21 - 01/15/25	17	0	CI around mean	73.6	435
52	UA	E008	Chromium, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.005	0.00100
52	UA	E008	Cobalt, total	mg/L	02/24/21 - 01/15/25	17	94	Most recent sample	0.001	0.0380
52	UA	E008	Fluoride, total	mg/L	02/24/21 - 01/15/25	17	6	CI around geomean	0.263	0.120
52	UA	E008	Lead, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.0005	0.00150
52	UA	E008	Lithium, total	mg/L	02/24/21 - 01/15/25	17	12	CI around mean	0.00582	0.0190
52	UA	E008	Mercury, total	mg/L	02/24/21 - 01/15/25	17	100	All ND - Last	0.0002	0.0002
52	UA	E008	Molybdenum, total	mg/L	02/24/21 - 01/15/25	17	0	CI around mean	0.0111	0.00170
52	UA	E008	pH (field)	SU	02/24/21 - 01/15/25	17	0	CI around mean	7.0/7.3	6.6/7.5
52	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 01/15/25	17	0	CI around mean	0.449	2.00
52	UA	E008	Selenium, total	mg/L	02/24/21 - 01/15/25	17	94	CB around T-S line	0.001	0.00140
52	UA	E008	Sulfate, total	mg/L	02/24/21 - 01/15/25	17	0	CI around mean	61.6	215
52	UA	E008	Thallium, total	mg/L	02/24/21 - 01/15/25	17	94	CI around median	0.002	0.001
52	UA	E008	Total Dissolved Solids	mg/L	02/24/21 - 01/15/25	16	0	CI around mean	456	1,620
54	UA	E008	Antimony, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.003	0.001
54	UA	E008	Arsenic, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.001	0.001
54	UA	E008	Barium, total	mg/L	02/24/21 - 01/14/25	17	0	CB around linear reg	0.0395	0.212
54	UA	E008	Beryllium, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.001	0.001
54	UA	E008	Boron, total	mg/L	02/24/21 - 01/14/25	17	0	CB around linear reg	0.0818	0.163
54	UA	E008	Cadmium, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.0005	0.00230
54	UA	E008	Chloride, total	mg/L	02/24/21 - 01/14/25	17	0	CI around mean	75.9	435
54	UA	E008	Chromium, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.005	0.00100

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COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
54	UA	E008	Cobalt, total	mg/L	02/24/21 - 01/14/25	17	88	CI around median	0.001	0.0380
54	UA	E008	Fluoride, total	mg/L	02/24/21 - 01/14/25	17	6	CB around T-S line	0.0718	0.120
54	UA	E008	Lead, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.0005	0.00150
54	UA	E008	Lithium, total	mg/L	02/24/21 - 01/14/25	17	0	CB around T-S line	0.00608	0.0190
54	UA	E008	Mercury, total	mg/L	02/24/21 - 01/14/25	17	94	CI around median	0.0002	0.0002
54	UA	E008	Molybdenum, total	mg/L	02/24/21 - 01/14/25	17	0	CI around mean	0.0228	0.00170
54	UA	E008	pH (field)	SU	02/24/21 - 01/14/25	17	0	CI around mean	7.1/7.4	6.6/7.5
54	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 01/14/25	17	0	CI around median	0.138	2.00
54	UA	E008	Selenium, total	mg/L	02/24/21 - 01/14/25	17	59	CB around T-S line	0.00193	0.00140
54	UA	E008	Sulfate, total	mg/L	02/24/21 - 01/14/25	17	0	CI around mean	74.2	215
54	UA	E008	Thallium, total	mg/L	02/24/21 - 01/14/25	17	100	All ND - Last	0.002	0.001
54	UA	E008	Total Dissolved Solids	mg/L	02/24/21 - 01/14/25	15	0	CI around mean	491	1,620

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Notes:

- = no data available

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the East Ash Pond. 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:

NA

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

Most recent sample = Result for the most recently collected sample used due to insufficient data

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

For pH, the values presented are the lower / upper limits of the background determination