

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

July 18, 2025

Illinois Environmental Protection Agency
DWPC – Permits MC#33
Attn: Part 845 Coal Combustion Residual Rule Submittal
2520 West Iles Avenue
P.O. Box 19276
Springfield, IL 62794

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

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 2, 2025 sampling event at the Hennepin Power Plant West Ash Pond System (WAPS), identified by Illinois Environmental Protection Agency (IEPA) ID No. W1550100002-01 and No. W1550100002-03. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ of the GWPS.

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

A Corrective Measures Assessment (CMA) for the WAPS was initiated on December 10, 2023, completed, and submitted to IEPA on May 8, 2024 in accordance with 35 I.A.C. § 845.660. The CMA was the first step towards developing a Corrective Action Plan, which ultimately selects a remedy to address all releases from the WAPS. The selected remedy meets the performance standards of 35 I.A.C. § 845.670(d), and a public meeting was held on April 8, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d). The Corrective Action Plan was submitted to IEPA on May 6, 2025. Once implemented and completed, the selected remedy will attain the GWPSs.

Sincerely,



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

Enclosures

*Groundwater Monitoring Data and Detected Exceedances, Quarter 2, 2025, West Ash Pond System,
Hennepin Power Plant, Hennepin, Illinois*

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

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES¹
QUARTER 2, 2025
WEST ASH POND SYSTEM, HENNEPIN POWER PLANT, HENNEPIN, ILLINOIS

July 18, 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 May 19, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 2, 2025 sampling event. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 2, 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 Plan)², constituent concentrations observed at compliance monitoring wells in Quarter 2, 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 2, 2025
Table 2	Evaluation of Compliance - Quarter 2, 2025

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 2, 2025
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 2, 2025
Attachment C	Comparison to Background - Quarter 2, 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 Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Dynegy Midwest Generation, LLC's operating permit application for Hennepin Power Plant West Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Dynegy Midwest Generation, LLC has not identified any actual exceedances.

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

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
32	Background	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
32	Background	E009	04/08/2025	Arsenic, total	0.00026 J	mg/L
32	Background	E009	04/08/2025	Barium, total	0.0500	mg/L
32	Background	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
32	Background	E009	04/08/2025	Boron, total	0.160	mg/L
32	Background	E009	04/08/2025	Cadmium, total	0.0003 J	mg/L
32	Background	E009	04/08/2025	Calcium, total	140	mg/L
32	Background	E009	04/08/2025	Chloride, total	120	mg/L
32	Background	E009	04/08/2025	Chromium, total	0.0014 J	mg/L
32	Background	E009	04/08/2025	Cobalt, total	0.00100	mg/L
32	Background	E009	04/08/2025	Dissolved Oxygen	0.180	mg/L
32	Background	E009	04/08/2025	Fluoride, total	0.110	mg/L
32	Background	E009	04/08/2025	Lead, total	0.000800 J+	mg/L
32	Background	E009	04/08/2025	Lithium, total	0.00500	mg/L
32	Background	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
32	Background	E009	04/08/2025	Molybdenum, total	0.0025 U	mg/L
32	Background	E009	04/08/2025	Oxidation Reduction Potential	145	mV
32	Background	E009	04/08/2025	pH (field)	6.9	SU
32	Background	E009	04/08/2025	Radium 226 + Radium 228, total	0.712	pCi/L
32	Background	E009	04/08/2025	Selenium, total	0.0025 UJ	mg/L
32	Background	E009	04/08/2025	Specific Conductance @ 25C (field)	1,029	micromhos/cm
32	Background	E009	04/08/2025	Sulfate, total	140	mg/L
32	Background	E009	04/08/2025	Temperature	9.80	degrees C
32	Background	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
32	Background	E009	04/08/2025	Total Dissolved Solids	670	mg/L
32	Background	E009	04/08/2025	Turbidity, field	13.6	NTU
34	Background	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
34	Background	E009	04/08/2025	Arsenic, total	0.00047 J	mg/L
34	Background	E009	04/08/2025	Barium, total	0.130	mg/L
34	Background	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
34	Background	E009	04/08/2025	Boron, total	0.150	mg/L
34	Background	E009	04/08/2025	Cadmium, total	0.00017 U	mg/L
34	Background	E009	04/08/2025	Calcium, total	180	mg/L
34	Background	E009	04/08/2025	Chloride, total	71.0	mg/L
34	Background	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
34	Background	E009	04/08/2025	Cobalt, total	0.0004 U	mg/L
34	Background	E009	04/08/2025	Dissolved Oxygen	0.270	mg/L
34	Background	E009	04/08/2025	Fluoride, total	0.150	mg/L
34	Background	E009	04/08/2025	Lead, total	0.000620 J+	mg/L
34	Background	E009	04/08/2025	Lithium, total	0.0170	mg/L
34	Background	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
34	Background	E009	04/08/2025	Molybdenum, total	0.0025 U	mg/L
34	Background	E009	04/08/2025	Oxidation Reduction Potential	-82.4	mV
34	Background	E009	04/08/2025	pH (field)	6.7	SU
34	Background	E009	04/08/2025	Radium 226 + Radium 228, total	0.744	pCi/L
34	Background	E009	04/08/2025	Selenium, total	0.00098 U	mg/L

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WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
34	Background	E009	04/08/2025	Specific Conductance @ 25C (field)	1,182	micromhos/cm
34	Background	E009	04/08/2025	Sulfate, total	43.0	mg/L
34	Background	E009	04/08/2025	Temperature	12.0	degrees C
34	Background	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
34	Background	E009	04/08/2025	Total Dissolved Solids	740	mg/L
34	Background	E009	04/08/2025	Turbidity, field	13.7	NTU
21R	Compliance	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
21R	Compliance	E009	04/08/2025	Arsenic, total	0.0240	mg/L
21R	Compliance	E009	04/08/2025	Barium, total	0.300	mg/L
21R	Compliance	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
21R	Compliance	E009	04/08/2025	Boron, total	2.10	mg/L
21R	Compliance	E009	04/08/2025	Cadmium, total	0.00017 U	mg/L
21R	Compliance	E009	04/08/2025	Calcium, total	130	mg/L
21R	Compliance	E009	04/08/2025	Chloride, total	97.0	mg/L
21R	Compliance	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
21R	Compliance	E009	04/08/2025	Cobalt, total	0.0004 U	mg/L
21R	Compliance	E009	04/08/2025	Dissolved Oxygen	0.0600	mg/L
21R	Compliance	E009	04/08/2025	Fluoride, total	0.150	mg/L
21R	Compliance	E009	04/08/2025	Lead, total	0.00019 J	mg/L
21R	Compliance	E009	04/08/2025	Lithium, total	0.0270	mg/L
21R	Compliance	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
21R	Compliance	E009	04/08/2025	Molybdenum, total	0.00900	mg/L
21R	Compliance	E009	04/08/2025	Oxidation Reduction Potential	-169	mV
21R	Compliance	E009	04/08/2025	pH (field)	7.2	SU
21R	Compliance	E009	04/08/2025	Radium 226 + Radium 228, total	0.917	pCi/L
21R	Compliance	E009	04/08/2025	Selenium, total	0.00098 U	mg/L
21R	Compliance	E009	04/08/2025	Specific Conductance @ 25C (field)	997	micromhos/cm
21R	Compliance	E009	04/08/2025	Sulfate, total	79.0	mg/L
21R	Compliance	E009	04/08/2025	Temperature	12.2	degrees C
21R	Compliance	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
21R	Compliance	E009	04/08/2025	Total Dissolved Solids	600	mg/L
21R	Compliance	E009	04/08/2025	Turbidity, field	107	NTU
22	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
22	Compliance	E009	04/09/2025	Arsenic, total	0.00081 J	mg/L
22	Compliance	E009	04/09/2025	Barium, total	0.0590	mg/L
22	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
22	Compliance	E009	04/09/2025	Boron, total	3.00	mg/L
22	Compliance	E009	04/09/2025	Cadmium, total	0.00500	mg/L
22	Compliance	E009	04/09/2025	Calcium, total	94.0	mg/L
22	Compliance	E009	04/09/2025	Chloride, total	90.0	mg/L
22	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
22	Compliance	E009	04/09/2025	Cobalt, total	0.00200	mg/L
22	Compliance	E009	04/09/2025	Dissolved Oxygen	0.0800	mg/L
22	Compliance	E009	04/09/2025	Fluoride, total	0.170	mg/L
22	Compliance	E009	04/09/2025	Lead, total	0.00038 J	mg/L
22	Compliance	E009	04/09/2025	Lithium, total	0.0500	mg/L

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WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
22	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
22	Compliance	E009	04/09/2025	Molybdenum, total	0.0680	mg/L
22	Compliance	E009	04/09/2025	Oxidation Reduction Potential	30.1	mV
22	Compliance	E009	04/09/2025	pH (field)	7.4	SU
22	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	0.725	pCi/L
22	Compliance	E009	04/09/2025	Selenium, total	0.0150	mg/L
22	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	902	micromhos/cm
22	Compliance	E009	04/09/2025	Sulfate, total	120	mg/L
22	Compliance	E009	04/09/2025	Temperature	15.1	degrees C
22	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
22	Compliance	E009	04/09/2025	Total Dissolved Solids	650	mg/L
22	Compliance	E009	04/09/2025	Turbidity, field	3.05	NTU
22D	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
22D	Compliance	E009	04/09/2025	Arsenic, total	0.00098 J	mg/L
22D	Compliance	E009	04/09/2025	Barium, total	0.0710	mg/L
22D	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
22D	Compliance	E009	04/09/2025	Boron, total	1.30	mg/L
22D	Compliance	E009	04/09/2025	Cadmium, total	0.00017 U	mg/L
22D	Compliance	E009	04/09/2025	Calcium, total	120	mg/L
22D	Compliance	E009	04/09/2025	Chloride, total	94.0	mg/L
22D	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
22D	Compliance	E009	04/09/2025	Cobalt, total	0.0004 U	mg/L
22D	Compliance	E009	04/09/2025	Dissolved Oxygen	0.640	mg/L
22D	Compliance	E009	04/09/2025	Fluoride, total	0.110	mg/L
22D	Compliance	E009	04/09/2025	Lead, total	0.00019 U	mg/L
22D	Compliance	E009	04/09/2025	Lithium, total	0.0190	mg/L
22D	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
22D	Compliance	E009	04/09/2025	Molybdenum, total	0.00640	mg/L
22D	Compliance	E009	04/09/2025	Oxidation Reduction Potential	-114	mV
22D	Compliance	E009	04/09/2025	pH (field)	7.1	SU
22D	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	0.995	pCi/L
22D	Compliance	E009	04/09/2025	Selenium, total	0.00098 U	mg/L
22D	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	983	micromhos/cm
22D	Compliance	E009	04/09/2025	Sulfate, total	85.0	mg/L
22D	Compliance	E009	04/09/2025	Temperature	14.9	degrees C
22D	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
22D	Compliance	E009	04/09/2025	Total Dissolved Solids	650	mg/L
22D	Compliance	E009	04/09/2025	Turbidity, field	8.95	NTU
23	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
23	Compliance	E009	04/09/2025	Arsenic, total	0.00071 J	mg/L
23	Compliance	E009	04/09/2025	Barium, total	0.0390	mg/L
23	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
23	Compliance	E009	04/09/2025	Boron, total	8.50	mg/L
23	Compliance	E009	04/09/2025	Cadmium, total	0.00019 J	mg/L
23	Compliance	E009	04/09/2025	Calcium, total	110	mg/L
23	Compliance	E009	04/09/2025	Chloride, total	56.0	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
23	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
23	Compliance	E009	04/09/2025	Cobalt, total	0.00045 J	mg/L
23	Compliance	E009	04/09/2025	Dissolved Oxygen	0.0500	mg/L
23	Compliance	E009	04/09/2025	Fluoride, total	0.160	mg/L
23	Compliance	E009	04/09/2025	Lead, total	0.00027 J	mg/L
23	Compliance	E009	04/09/2025	Lithium, total	0.00730	mg/L
23	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
23	Compliance	E009	04/09/2025	Molybdenum, total	0.0150	mg/L
23	Compliance	E009	04/09/2025	Oxidation Reduction Potential	-59.4	mV
23	Compliance	E009	04/09/2025	pH (field)	7.2	SU
23	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	0.382	pCi/L
23	Compliance	E009	04/09/2025	Selenium, total	0.00098 U	mg/L
23	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	1,074	micromhos/cm
23	Compliance	E009	04/09/2025	Sulfate, total	400	mg/L
23	Compliance	E009	04/09/2025	Temperature	13.1	degrees C
23	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
23	Compliance	E009	04/09/2025	Total Dissolved Solids	850	mg/L
23	Compliance	E009	04/09/2025	Turbidity, field	8.72	NTU
27	Compliance	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
27	Compliance	E009	04/08/2025	Arsenic, total	0.00160	mg/L
27	Compliance	E009	04/08/2025	Barium, total	0.0920	mg/L
27	Compliance	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
27	Compliance	E009	04/08/2025	Boron, total	2.70	mg/L
27	Compliance	E009	04/08/2025	Cadmium, total	0.00017 U	mg/L
27	Compliance	E009	04/08/2025	Calcium, total	130	mg/L
27	Compliance	E009	04/08/2025	Chloride, total	95.0	mg/L
27	Compliance	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
27	Compliance	E009	04/08/2025	Cobalt, total	0.00160	mg/L
27	Compliance	E009	04/08/2025	Dissolved Oxygen	0.270	mg/L
27	Compliance	E009	04/08/2025	Fluoride, total	0.120	mg/L
27	Compliance	E009	04/08/2025	Lead, total	0.00035 J	mg/L
27	Compliance	E009	04/08/2025	Lithium, total	0.0200	mg/L
27	Compliance	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
27	Compliance	E009	04/08/2025	Molybdenum, total	0.0048 J	mg/L
27	Compliance	E009	04/08/2025	Oxidation Reduction Potential	-67.9	mV
27	Compliance	E009	04/08/2025	pH (field)	7.0	SU
27	Compliance	E009	04/08/2025	Radium 226 + Radium 228, total	0.49	pCi/L
27	Compliance	E009	04/08/2025	Selenium, total	0.00098 U	mg/L
27	Compliance	E009	04/08/2025	Specific Conductance @ 25C (field)	971	micromhos/cm
27	Compliance	E009	04/08/2025	Sulfate, total	150	mg/L
27	Compliance	E009	04/08/2025	Temperature	11.2	degrees C
27	Compliance	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
27	Compliance	E009	04/08/2025	Total Dissolved Solids	720	mg/L
27	Compliance	E009	04/08/2025	Turbidity, field	43.7	NTU
35	Compliance	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
35	Compliance	E009	04/08/2025	Arsenic, total	0.00072 J	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
35	Compliance	E009	04/08/2025	Barium, total	0.0380	mg/L
35	Compliance	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
35	Compliance	E009	04/08/2025	Boron, total	5.50	mg/L
35	Compliance	E009	04/08/2025	Cadmium, total	0.00017 J	mg/L
35	Compliance	E009	04/08/2025	Calcium, total	230	mg/L
35	Compliance	E009	04/08/2025	Chloride, total	11.0	mg/L
35	Compliance	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
35	Compliance	E009	04/08/2025	Cobalt, total	0.00093 J	mg/L
35	Compliance	E009	04/08/2025	Dissolved Oxygen	0.0200	mg/L
35	Compliance	E009	04/08/2025	Fluoride, total	0.200	mg/L
35	Compliance	E009	04/08/2025	Lead, total	0.0005 UJ	mg/L
35	Compliance	E009	04/08/2025	Lithium, total	0.0160	mg/L
35	Compliance	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
35	Compliance	E009	04/08/2025	Molybdenum, total	0.0440	mg/L
35	Compliance	E009	04/08/2025	Oxidation Reduction Potential	151	mV
35	Compliance	E009	04/08/2025	pH (field)	6.8	SU
35	Compliance	E009	04/08/2025	Radium 226 + Radium 228, total	0.508	pCi/L
35	Compliance	E009	04/08/2025	Selenium, total	0.0025 UJ	mg/L
35	Compliance	E009	04/08/2025	Specific Conductance @ 25C (field)	911	micromhos/cm
35	Compliance	E009	04/08/2025	Sulfate, total	340	mg/L
35	Compliance	E009	04/08/2025	Temperature	11.2	degrees C
35	Compliance	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
35	Compliance	E009	04/08/2025	Total Dissolved Solids	890	mg/L
35	Compliance	E009	04/08/2025	Turbidity, field	172	NTU
49	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
49	Compliance	E009	04/09/2025	Arsenic, total	0.00023 U	mg/L
49	Compliance	E009	04/09/2025	Barium, total	0.0640	mg/L
49	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
49	Compliance	E009	04/09/2025	Boron, total	0.630	mg/L
49	Compliance	E009	04/09/2025	Cadmium, total	0.00120	mg/L
49	Compliance	E009	04/09/2025	Calcium, total	120	mg/L
49	Compliance	E009	04/09/2025	Chloride, total	110	mg/L
49	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
49	Compliance	E009	04/09/2025	Cobalt, total	0.00260	mg/L
49	Compliance	E009	04/09/2025	Dissolved Oxygen	0.120	mg/L
49	Compliance	E009	04/09/2025	Fluoride, total	0.160	mg/L
49	Compliance	E009	04/09/2025	Lead, total	0.00022 J	mg/L
49	Compliance	E009	04/09/2025	Lithium, total	0.0270	mg/L
49	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
49	Compliance	E009	04/09/2025	Molybdenum, total	0.0220	mg/L
49	Compliance	E009	04/09/2025	Oxidation Reduction Potential	38.4	mV
49	Compliance	E009	04/09/2025	pH (field)	6.8	SU
49	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	0.469	pCi/L
49	Compliance	E009	04/09/2025	Selenium, total	0.00098 U	mg/L
49	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	997	micromhos/cm
49	Compliance	E009	04/09/2025	Sulfate, total	87.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
49	Compliance	E009	04/09/2025	Temperature	14.2	degrees C
49	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
49	Compliance	E009	04/09/2025	Total Dissolved Solids	610	mg/L
49	Compliance	E009	04/09/2025	Turbidity, field	6.31	NTU
50	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
50	Compliance	E009	04/09/2025	Arsenic, total	0.0007 J	mg/L
50	Compliance	E009	04/09/2025	Barium, total	0.0540	mg/L
50	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
50	Compliance	E009	04/09/2025	Boron, total	2.80	mg/L
50	Compliance	E009	04/09/2025	Cadmium, total	0.00120	mg/L
50	Compliance	E009	04/09/2025	Calcium, total	100	mg/L
50	Compliance	E009	04/09/2025	Chloride, total	82.0	mg/L
50	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
50	Compliance	E009	04/09/2025	Cobalt, total	0.00260	mg/L
50	Compliance	E009	04/09/2025	Dissolved Oxygen	0.280	mg/L
50	Compliance	E009	04/09/2025	Fluoride, total	0.180	mg/L
50	Compliance	E009	04/09/2025	Lead, total	0.00019 U	mg/L
50	Compliance	E009	04/09/2025	Lithium, total	0.0310	mg/L
50	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
50	Compliance	E009	04/09/2025	Molybdenum, total	0.0720	mg/L
50	Compliance	E009	04/09/2025	Oxidation Reduction Potential	38.1	mV
50	Compliance	E009	04/09/2025	pH (field)	7.4	SU
50	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	0.37	pCi/L
50	Compliance	E009	04/09/2025	Selenium, total	0.00098 U	mg/L
50	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	823	micromhos/cm
50	Compliance	E009	04/09/2025	Sulfate, total	150	mg/L
50	Compliance	E009	04/09/2025	Temperature	14.2	degrees C
50	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
50	Compliance	E009	04/09/2025	Total Dissolved Solids	550	mg/L
50	Compliance	E009	04/09/2025	Turbidity, field	9.86	NTU
51	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
51	Compliance	E009	04/09/2025	Arsenic, total	0.0190	mg/L
51	Compliance	E009	04/09/2025	Barium, total	0.100	mg/L
51	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
51	Compliance	E009	04/09/2025	Boron, total	1.50	mg/L
51	Compliance	E009	04/09/2025	Cadmium, total	0.00017 U	mg/L
51	Compliance	E009	04/09/2025	Calcium, total	120	mg/L
51	Compliance	E009	04/09/2025	Chloride, total	98.0	mg/L
51	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
51	Compliance	E009	04/09/2025	Cobalt, total	0.00048 J	mg/L
51	Compliance	E009	04/09/2025	Dissolved Oxygen	0.0900	mg/L
51	Compliance	E009	04/09/2025	Fluoride, total	0.160	mg/L
51	Compliance	E009	04/09/2025	Lead, total	0.00026 J	mg/L
51	Compliance	E009	04/09/2025	Lithium, total	0.0260	mg/L
51	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
51	Compliance	E009	04/09/2025	Molybdenum, total	0.00890	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
51	Compliance	E009	04/09/2025	Oxidation Reduction Potential	-139	mV
51	Compliance	E009	04/09/2025	pH (field)	7.1	SU
51	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	1.29	pCi/L
51	Compliance	E009	04/09/2025	Selenium, total	0.00098 U	mg/L
51	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	997	micromhos/cm
51	Compliance	E009	04/09/2025	Sulfate, total	84.0	mg/L
51	Compliance	E009	04/09/2025	Temperature	11.8	degrees C
51	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
51	Compliance	E009	04/09/2025	Total Dissolved Solids	640	mg/L
51	Compliance	E009	04/09/2025	Turbidity, field	60.7	NTU

Notes:

C = Celsius
cm = centimeter
Events:

E009 = Quarter 2, 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.
- UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- SU = Standard Units

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
21/21R	UA	E009	Antimony, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.003	0.006	Standard	No Exceedance
21/21R	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/08/25	36	0	CB around linear reg	0.0241	0.010	Standard	Exceedance
21/21R	UA	E009	Barium, total	mg/L	12/10/15 - 04/08/25	35	0	CB around linear reg	0.306	2.0	Standard	No Exceedance
21/21R	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.001	0.004	Standard	No Exceedance
21/21R	UA	E009	Boron, total	mg/L	12/10/15 - 04/08/25	36	0	CB around T-S line	1.62	2	Standard	No Exceedance
21/21R	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
21/21R	UA	E009	Chloride, total	mg/L	12/10/15 - 04/08/25	38	0	CB around linear reg	99.2	200	Standard	No Exceedance
21/21R	UA	E009	Chromium, total	mg/L	12/10/15 - 04/08/25	35	66	CB around T-S line	0.00192	0.1	Standard	No Exceedance
21/21R	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/08/25	35	71	CI around median	0.001	0.006	Standard	No Exceedance
21/21R	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/08/25	36	8	CI around median	0.14	4.0	Standard	No Exceedance
21/21R	UA	E009	Lead, total	mg/L	12/10/15 - 04/08/25	35	46	CI around median	0.001	0.0075	Standard	No Exceedance
21/21R	UA	E009	Lithium, total	mg/L	12/10/15 - 04/08/25	35	0	CB around linear reg	0.0239	0.04	Standard	No Exceedance
21/21R	UA	E009	Mercury, total	mg/L	12/10/15 - 04/08/25	35	97	CI around median	0.0002	0.002	Standard	No Exceedance
21/21R	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/08/25	35	3	CB around linear reg	0.00787	0.1	Standard	No Exceedance
21/21R	UA	E009	pH (field)	SU	12/10/15 - 04/08/25	38	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
21/21R	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/08/25	28	0	CI around mean	0.89	5	Standard	No Exceedance
21/21R	UA	E009	Selenium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
21/21R	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/08/25	38	0	CB around T-S line	37.2	400	Standard	No Exceedance
21/21R	UA	E009	Thallium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.002	0.002	Standard	No Exceedance
21/21R	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/08/25	36	0	CB around T-S line	619	1,200	Standard	No Exceedance
22	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	38	92	CB around T-S line	0.001	0.006	Standard	No Exceedance
22	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	42	74	CI around median	0.001	0.010	Standard	No Exceedance
22	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	38	0	CB around T-S line	0.0542	2.0	Standard	No Exceedance
22	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	43	0	CB around T-S line	2.54	2	Standard	Exceedance
22	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.0047	0.005	Standard	No Exceedance
22	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	45	0	CB around T-S line	91.1	200	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
22	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.005	0.1	Standard	No Exceedance
22	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.002	0.006	Standard	No Exceedance
22	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	5	CI around median	0.15	4.0	Standard	No Exceedance
22	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	38	97	CB around T-S line	0.000928	0.0075	Standard	No Exceedance
22	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	42	0	CB around T-S line	0.0442	0.04	Standard	Exceedance
22	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	42	0	CB around T-S line	0.0467	0.1	Standard	No Exceedance
22	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	41	0	CI around median	7.6/7.7	6.5/9.0	Standard/Standard	No Exceedance
22	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	29	0	CI around mean	0.38	5	Standard	No Exceedance
22	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	38	0	CI around mean	0.0132	0.05	Standard	No Exceedance
22	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	88	400	Standard	No Exceedance
22	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	38	95	CB around T-S line	0.002	0.002	Standard	No Exceedance
22	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	580	1,200	Standard	No Exceedance
22D	UA	E009	Antimony, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.003	0.006	Standard	No Exceedance
22D	UA	E009	Arsenic, total	mg/L	09/17/19 - 04/09/25	22	23	CI around median	0.0011	0.010	Standard	No Exceedance
22D	UA	E009	Barium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0667	2.0	Standard	No Exceedance
22D	UA	E009	Beryllium, total	mg/L	09/17/19 - 04/09/25	21	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22D	UA	E009	Boron, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	1.06	2	Standard	No Exceedance
22D	UA	E009	Cadmium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
22D	UA	E009	Chloride, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	91.9	200	Standard	No Exceedance
22D	UA	E009	Chromium, total	mg/L	09/17/19 - 04/09/25	22	91	CB around T-S line	0.0015	0.1	Standard	No Exceedance
22D	UA	E009	Cobalt, total	mg/L	09/17/19 - 04/09/25	22	96	CI around median	0.001	0.006	Standard	No Exceedance
22D	UA	E009	Fluoride, total	mg/L	09/17/19 - 04/09/25	22	9	CI around median	0.11	4.0	Standard	No Exceedance
22D	UA	E009	Lead, total	mg/L	09/17/19 - 04/09/25	22	91	CB around T-S line	0.000344	0.0075	Standard	No Exceedance
22D	UA	E009	Lithium, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	0.0151	0.04	Standard	No Exceedance
22D	UA	E009	Mercury, total	mg/L	12/11/19 - 04/09/25	21	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22D	UA	E009	Molybdenum, total	mg/L	09/17/19 - 04/09/25	22	4	CB around T-S line	0.00565	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
22D	UA	E009	pH (field)	SU	09/17/19 - 04/09/25	25	0	CI around mean	7.2/7.3	6.5/9.0	Standard/Standard	No Exceedance
22D	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 04/09/25	19	0	CI around mean	0.872	5	Standard	No Exceedance
22D	UA	E009	Selenium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
22D	UA	E009	Sulfate, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	83.2	400	Standard	No Exceedance
22D	UA	E009	Thallium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.002	0.002	Standard	No Exceedance
22D	UA	E009	Total Dissolved Solids	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	615	1,200	Standard	No Exceedance
23	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.003	0.006	Standard	No Exceedance
23	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	42	90	CB around T-S line	0.001	0.010	Standard	No Exceedance
23	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	38	0	CB around T-S line	0.0376	2.0	Standard	No Exceedance
23	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.004	Standard	No Exceedance
23	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	43	0	CB around T-S line	8.52	2	Standard	Exceedance
23	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
23	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	52.4	200	Standard	No Exceedance
23	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.005	0.1	Standard	No Exceedance
23	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.006	Standard	No Exceedance
23	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	5	CI around median	0.15	4.0	Standard	No Exceedance
23	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
23	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	42	12	CI around median	0.0048	0.04	Standard	No Exceedance
23	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
23	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	42	0	CI around median	0.0147	0.1	Standard	No Exceedance
23	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	40	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
23	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	29	0	CI around mean	0.261	5	Standard	No Exceedance
23	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
23	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	45	0	CI around median	420	400	Standard	Exceedance
23	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.002	0.002	Standard	No Exceedance
23	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	45	0	CI around mean	889	1,200	Standard	No Exceedance
24/51	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.003	0.006	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
24/51	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	41	0	CI around mean	0.0205	0.010	Standard	Exceedance
24/51	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	36	0	CB around T-S line	0.11	2.0	Standard	No Exceedance
24/51	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.001	0.004	Standard	No Exceedance
24/51	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	41	0	CB around linear reg	1.14	2	Standard	No Exceedance
24/51	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
24/51	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	43	0	CB around linear reg	104	200	Standard	No Exceedance
24/51	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	36	78	CB around T-S line	0.00179	0.1	Standard	No Exceedance
24/51	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	36	75	CI around median	0.001	0.006	Standard	No Exceedance
24/51	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	36	6	CI around median	0.14	4.0	Standard	No Exceedance
24/51	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	36	58	CI around median	0.001	0.0075	Standard	No Exceedance
24/51	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	40	0	CB around T-S line	0.0237	0.04	Standard	No Exceedance
24/51	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	35	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
24/51	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	40	2	CB around linear reg	0.00736	0.1	Standard	No Exceedance
24/51	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	38	0	CB around linear reg	7.2/7.4	6.5/9.0	Standard/Standard	No Exceedance
24/51	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	28	0	CB around linear reg	1.2	5	Standard	No Exceedance
24/51	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
24/51	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	43	0	CB around linear reg	76	400	Standard	No Exceedance
24/51	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.002	0.002	Standard	No Exceedance
24/51	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	43	0	CI around median	630	1,200	Standard	No Exceedance
27	UA	E009	Antimony, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.003	0.006	Standard	No Exceedance
27	UA	E009	Arsenic, total	mg/L	09/12/18 - 04/08/25	25	52	CI around median	0.001	0.010	Standard	No Exceedance
27	UA	E009	Barium, total	mg/L	09/12/18 - 04/08/25	25	0	CI around median	0.0837	2.0	Standard	No Exceedance
27	UA	E009	Beryllium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.001	0.004	Standard	No Exceedance
27	UA	E009	Boron, total	mg/L	09/12/18 - 04/08/25	25	0	CI around median	2.27	2	Standard	Exceedance
27	UA	E009	Cadmium, total	mg/L	09/12/18 - 04/08/25	25	96	CB around T-S line	0.000372	0.005	Standard	No Exceedance
27	UA	E009	Chloride, total	mg/L	03/08/16 - 04/08/25	30	0	CI around median	89	200	Standard	No Exceedance
27	UA	E009	Chromium, total	mg/L	09/12/18 - 04/08/25	25	80	CB around T-S line	0.0015	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
27	UA	E009	Cobalt, total	mg/L	09/12/18 - 04/08/25	25	0	CI around mean	0.00192	0.006	Standard	No Exceedance
27	UA	E009	Fluoride, total	mg/L	09/12/18 - 04/08/25	25	4	CI around median	0.12	4.0	Standard	No Exceedance
27	UA	E009	Lead, total	mg/L	09/12/18 - 04/08/25	25	48	CI around median	0.00094	0.0075	Standard	No Exceedance
27	UA	E009	Lithium, total	mg/L	09/12/18 - 04/08/25	25	0	CI around mean	0.0214	0.04	Standard	No Exceedance
27	UA	E009	Mercury, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
27	UA	E009	Molybdenum, total	mg/L	09/12/18 - 04/08/25	25	36	CI around median	0.0044	0.1	Standard	No Exceedance
27	UA	E009	pH (field)	SU	03/08/16 - 04/08/25	30	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
27	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 04/08/25	19	0	CI around geomean	0.25	5	Standard	No Exceedance
27	UA	E009	Selenium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
27	UA	E009	Sulfate, total	mg/L	03/08/16 - 04/08/25	30	0	CB around linear reg	90.7	400	Standard	No Exceedance
27	UA	E009	Thallium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
27	UA	E009	Total Dissolved Solids	mg/L	03/08/16 - 04/08/25	30	0	CI around median	648	1,200	Standard	No Exceedance
35	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.003	0.006	Standard	No Exceedance
35	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	37	78	CI around median	0.001	0.010	Standard	No Exceedance
35	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	0.0415	2.0	Standard	No Exceedance
35	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.001	0.004	Standard	No Exceedance
35	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	11.3	2	Standard	Exceedance
35	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
35	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	38	0	CB around T-S line	17	200	Standard	No Exceedance
35	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	37	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
35	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	37	43	CI around median	0.001	0.006	Standard	No Exceedance
35	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	38	3	CI around median	0.17	4.0	Standard	No Exceedance
35	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	37	89	CB around T-S line	0.000724	0.0075	Standard	No Exceedance
35	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	0.0242	0.04	Standard	No Exceedance
35	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	36	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
35	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	0.0488	0.1	Standard	No Exceedance
35	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	38	0	CB around linear reg	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
35	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	30	0	CI around median	0.31	5	Standard	No Exceedance
35	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	37	97	CB around T-S line	0.001	0.05	Standard	No Exceedance
35	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	669	400	Standard	Exceedance
35	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.002	0.002	Standard	No Exceedance
35	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	1,300	1,200	Standard	Exceedance
49	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.003	0.006	Standard	No Exceedance
49	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	37	97	CI around median	0.001	0.010	Standard	No Exceedance
49	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	37	0	CB around T-S line	0.0623	2.0	Standard	No Exceedance
49	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.001	0.004	Standard	No Exceedance
49	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	0.416	2	Standard	No Exceedance
49	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	37	24	CI around geomean	0.00106	0.005	Standard	No Exceedance
49	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	38	0	CI around median	100	200	Standard	No Exceedance
49	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	37	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
49	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	37	0	CI around mean	0.00415	0.006	Standard	No Exceedance
49	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.15	4.0	Standard	No Exceedance
49	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	37	92	CI around median	0.001	0.0075	Standard	No Exceedance
49	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	37	0	CI around mean	0.0241	0.04	Standard	No Exceedance
49	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
49	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	37	0	CB around T-S line	0.0178	0.1	Standard	No Exceedance
49	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	39	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
49	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	30	0	CI around mean	0.357	5	Standard	No Exceedance
49	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
49	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	69	400	Standard	No Exceedance
49	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.002	0.002	Standard	No Exceedance
49	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	578	1,200	Standard	No Exceedance
50	UA	E009	Antimony, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.003	0.006	Standard	No Exceedance
50	UA	E009	Arsenic, total	mg/L	09/17/19 - 04/09/25	22	91	CI around median	0.001	0.010	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
50	UA	E009	Barium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	0.0659	2.0	Standard	No Exceedance
50	UA	E009	Beryllium, total	mg/L	09/17/19 - 04/09/25	21	100	All ND - Last	0.001	0.004	Standard	No Exceedance
50	UA	E009	Boron, total	mg/L	09/17/19 - 04/09/25	22	0	CI around median	0.72	2	Standard	No Exceedance
50	UA	E009	Cadmium, total	mg/L	09/17/19 - 04/09/25	22	4	CI around geomean	0.0011	0.005	Standard	No Exceedance
50	UA	E009	Chloride, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	86.2	200	Standard	No Exceedance
50	UA	E009	Chromium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.005	0.1	Standard	No Exceedance
50	UA	E009	Cobalt, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	0.00394	0.006	Standard	No Exceedance
50	UA	E009	Fluoride, total	mg/L	09/17/19 - 04/09/25	22	18	CB around T-S line	0.119	4.0	Standard	No Exceedance
50	UA	E009	Lead, total	mg/L	09/17/19 - 04/09/25	22	96	CB around T-S line	0.000349	0.0075	Standard	No Exceedance
50	UA	E009	Lithium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0236	0.04	Standard	No Exceedance
50	UA	E009	Mercury, total	mg/L	12/11/19 - 04/09/25	21	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
50	UA	E009	Molybdenum, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0349	0.1	Standard	No Exceedance
50	UA	E009	pH (field)	SU	09/17/19 - 04/09/25	25	0	CB around linear reg	7.4/7.7	6.5/9.0	Standard/Standard	No Exceedance
50	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 04/09/25	18	0	CI around mean	0.617	5	Standard	No Exceedance
50	UA	E009	Selenium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
50	UA	E009	Sulfate, total	mg/L	09/17/19 - 04/09/25	22	0	CI around geomean	91.1	400	Standard	No Exceedance
50	UA	E009	Thallium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.002	0.002	Standard	No Exceedance
50	UA	E009	Total Dissolved Solids	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	606	1,200	Standard	No Exceedance

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

Notes:

Compliance Result:

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

Exceedance: The statistical result exceeded the GWPS.

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

Events:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

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

GWPS Source:

Background = background concentration

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

FIGURES



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



MONITORING WELL LOCATION
MAP

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA
AND DETECTED EXCEEDANCES
QUARTER 2, 2025

WEST ASH POND SYSTEM
HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 2, 2025

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
21R	Compliance	04/07/2025	5.52	446.91
22	Compliance	04/07/2025	18.11	446.82
22D	Compliance	04/07/2025	19.01	446.90
23	Compliance	04/07/2025	16.42	447.49
27	Compliance	04/07/2025	4.12	446.91
32	Background	04/07/2025	4.95	447.07
34	Background	04/07/2025	3.51	446.50
35	Compliance	04/07/2025	8.11	447.12
49	Compliance	04/07/2025	21.70	446.86
50	Compliance	04/07/2025	17.64	446.76
51	Compliance	04/07/2025	18.22	446.82

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.
NAVD88 = North American Vertical Datum of 1988

**ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 2, 2025**

ANALYTICAL REPORT

PREPARED FOR

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

Generated 05/01/25 11:28:34

JOB DESCRIPTION

HEN-25Q2
HEN_845_804

JOB NUMBER

500-266421-10

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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05/01/25 11:28:34

Authorized for release by
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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project: HEN-25Q2

Job ID: 500-266421-10

Job ID: 500-266421-10

Eurofins Chicago

Job Narrative 500-266421-10

Receipt

The samples were received on 04/08/25 12:11. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 13 coolers at receipt time were 1.9° C, 2.0° C, 2.2° C, 2.3° C, 2.4° C, 2.4° C, 2.6° C, 3.3° C, 3.4° C, 3.7° C, 4.1° C, 4.4° C and 5.2° C.

Receipt Exceptions

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC) " 34". Logged sample date/time per container labels (4/8 1320). Confirmed via well development form.

Method Field Sampling: Well development form lists depth to water as "Below bladder" for the following sample: 22 (500-266421-27). Depth entered from the value recorded in the Measured Depth to Water (ft bmp) column on SAR-4 form, which was collected on 4/7/25 at 1040.

Metals

Method 200.7 Rev 4.4: The linear range check standard (LRC) for AD batch 814615 recovered high for Lithium. The high standard read back was within control limits and all sample results were below the high standard. The data have been reported. (LRC 500-814615/21)

Method 6020B: The method blank for preparation batch 500-813161 and analytical batch 500-813699 contained Copper, Boron, Calcium, Lead and Selenium 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 6020B: The following sample was diluted to bring the concentration of target analytes within the calibration range: 35 (500-266421-18). Elevated reporting limits (RLs) are provided.

Method 6020B: The method blank for preparation batch 500-813344 and analytical batch 500-814048 contained Copper 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 6020B: The following sample was diluted to bring the concentration of target analytes within the calibration range: 23 (500-266421-29). 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 500-813481 contained Alkalinity above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore re-analysis of samples was not performed.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-813420 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNERIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 21R

Lab Sample ID: 500-266421-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.027		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.024		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.30		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.1		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	130		0.20	0.044	mg/L	1		6020B	Total Recoverable
Lead	0.00019	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	39		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0090		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	2.9		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	56		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	97		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	79		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	380		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	0.15		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	5.61				ft	1		Field Sampling	Total/NA
Field pH	7.24				SU	1		Field Sampling	Total/NA
Field Temperature	12.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-168.8				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.06				mg/L	1		Field Sampling	Total/NA
Specific Conductance	997				umhos/cm	1		Field Sampling	Total/NA
Turbidity	107.32				NTU	1		Field Sampling	Total/NA

Client Sample ID: 27

Lab Sample ID: 500-266421-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.020		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0016		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.092		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.7		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	130		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0016		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00035	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	39		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0048	J	0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	2.8		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-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNERIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 27 (Continued)

Lab Sample ID: 500-266421-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	51		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	95		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	150		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	320		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	720		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.12		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	4.06				ft	1		Field Sampling	Total/NA
Field pH	6.99				SU	1		Field Sampling	Total/NA
Field Temperature	11.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-67.9				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.27				mg/L	1		Field Sampling	Total/NA
Specific Conductance	971				umhos/cm	1		Field Sampling	Total/NA
Turbidity	43.72				NTU	1		Field Sampling	Total/NA

Client Sample ID: 27_FD

Lab Sample ID: 500-266421-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0046	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0019		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.098		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.6	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	130	B	0.20	0.044	mg/L	1		6020B	Total Recoverable
Chromium	0.0013	J	0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Cobalt	0.0016		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00094	B	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	40		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0053		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	3.1		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	52		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	96		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	150		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	320		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	650		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.12		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	4.06				ft	1		Field Sampling	Total/NA
Field pH	6.99				SU	1		Field Sampling	Total/NA
Field Temperature	11.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-67.9				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.27				mg/L	1		Field Sampling	Total/NA
Specific Conductance	971				umhos/cm	1		Field Sampling	Total/NA
Turbidity	43.72				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-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 32

Lab Sample ID: 500-266421-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.0050		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.00026	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	0.16	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Cadmium	0.00030	J	0.00050	0.00017	mg/L	1			6020B	Total Recoverable
Calcium	140	B	0.20	0.044	mg/L	1			6020B	Total Recoverable
Chromium	0.0014	J	0.0050	0.0011	mg/L	1			6020B	Total Recoverable
Cobalt	0.0010		0.0010	0.00040	mg/L	1			6020B	Total Recoverable
Lead	0.00080	B	0.00050	0.00019	mg/L	1			6020B	Total Recoverable
Magnesium	48		0.20	0.049	mg/L	1			6020B	Total Recoverable
Potassium	2.0		0.50	0.11	mg/L	1			6020B	Total Recoverable
Selenium	0.0010	J B	0.0025	0.00098	mg/L	1			6020B	Total Recoverable
Sodium	46		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	120		10	4.2	mg/L	10			300.0	Total/NA
Sulfate	140		10	4.7	mg/L	10			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	300		5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	670		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.11		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	4.98				ft	1			Field Sampling	Total/NA
Field pH	6.89				SU	1			Field Sampling	Total/NA
Field Temperature	9.8				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	145.3				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	0.18				mg/L	1			Field Sampling	Total/NA
Specific Conductance	1029				umhos/cm	1			Field Sampling	Total/NA
Turbidity	13.57				NTU	1			Field Sampling	Total/NA

Client Sample ID: 34

Lab Sample ID: 500-266421-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.017		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.00047	J	0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.13		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	0.15	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Calcium	180	B	0.20	0.044	mg/L	1			6020B	Total Recoverable
Lead	0.00062	B	0.00050	0.00019	mg/L	1			6020B	Total Recoverable
Magnesium	49		0.20	0.049	mg/L	1			6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNERIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 34 (Continued)

Lab Sample ID: 500-266421-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Potassium	0.46	J	0.50	0.11	mg/L	1			6020B	Total Recoverable
Sodium	57		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	71		5.0	2.1	mg/L	5			300.0	Total/NA
Sulfate	43		5.0	2.3	mg/L	5			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	570		5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	740		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.15		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	3.99				ft	1			Field Sampling	Total/NA
Field pH	6.70				SU	1			Field Sampling	Total/NA
Field Temperature	12.0				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	-82.4				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	0.27				mg/L	1			Field Sampling	Total/NA
Specific Conductance	1182				umhos/cm	1			Field Sampling	Total/NA
Turbidity	13.72				NTU	1			Field Sampling	Total/NA

Client Sample ID: 35

Lab Sample ID: 500-266421-18

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
Arsenic	0.00072	J	0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.038		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	5.5		0.25	0.064	mg/L	5			6020B	Total Recoverable
Cadmium	0.00017	J	0.00050	0.00017	mg/L	1			6020B	Total Recoverable
Calcium	230	B	0.20	0.044	mg/L	1			6020B	Total Recoverable
Cobalt	0.00093	J	0.0010	0.00040	mg/L	1			6020B	Total Recoverable
Lead	0.00045	J B	0.00050	0.00019	mg/L	1			6020B	Total Recoverable
Magnesium	28		0.20	0.049	mg/L	1			6020B	Total Recoverable
Molybdenum	0.044		0.0050	0.0025	mg/L	1			6020B	Total Recoverable
Potassium	7.9		0.50	0.11	mg/L	1			6020B	Total Recoverable
Selenium	0.0013	J B	0.0025	0.00098	mg/L	1			6020B	Total Recoverable
Sodium	19		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	11		1.0	0.42	mg/L	1			300.0	Total/NA
Sulfate	340		20	9.4	mg/L	20			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	270		5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	890		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.20		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	8.29				ft	1			Field Sampling	Total/NA
Field pH	6.82				SU	1			Field Sampling	Total/NA
Field Temperature	11.2				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	150.6				millivolts	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-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNERIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 35 (Continued)

Lab Sample ID: 500-266421-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Oxygen, Dissolved	0.02				mg/L	1		Field Sampling	Total/NA
Specific Conductance	911				umhos/cm	1		Field Sampling	Total/NA
Turbidity	172.35				NTU	1		Field Sampling	Total/NA

Client Sample ID: 22

Lab Sample ID: 500-266421-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.050		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Arsenic	0.00081	J	0.0010	0.00023	mg/L	1		6020B	Recoverable Total
Barium	0.059		0.0025	0.00073	mg/L	1		6020B	Recoverable Total
Boron	3.0		0.050	0.013	mg/L	1		6020B	Recoverable Total
Cadmium	0.0050		0.00050	0.00017	mg/L	1		6020B	Recoverable Total
Calcium	94		0.20	0.044	mg/L	1		6020B	Recoverable Total
Cobalt	0.0020		0.0010	0.00040	mg/L	1		6020B	Recoverable Total
Lead	0.00038	J	0.00050	0.00019	mg/L	1		6020B	Recoverable Total
Magnesium	37		0.20	0.049	mg/L	1		6020B	Recoverable Total
Molybdenum	0.068		0.0050	0.0025	mg/L	1		6020B	Recoverable Total
Potassium	11		0.50	0.11	mg/L	1		6020B	Recoverable Total
Selenium	0.015		0.0025	0.00098	mg/L	1		6020B	Recoverable Total
Sodium	62		0.20	0.077	mg/L	1		6020B	Recoverable Total
Chloride	90		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	120		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	260	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	650		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.17		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	18.11				ft	1		Field Sampling	Total/NA
Field pH	7.43				SU	1		Field Sampling	Total/NA
Field Temperature	15.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	30.1				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.08				mg/L	1		Field Sampling	Total/NA
Specific Conductance	902				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.05				NTU	1		Field Sampling	Total/NA

Client Sample ID: 22&D

Lab Sample ID: 500-266421-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.019		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Arsenic	0.00098	J	0.0010	0.00023	mg/L	1		6020B	Recoverable Total
Barium	0.071		0.0025	0.00073	mg/L	1		6020B	Recoverable Total

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 22&D (Continued)

Lab Sample ID: 500-266421-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	1.3		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	120		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	41		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0064		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	3.1		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	54		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	94		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	85		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	340	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	650		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.11		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	19.15				ft	1		Field Sampling	Total/NA
Field pH	7.06				SU	1		Field Sampling	Total/NA
Field Temperature	14.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-114.3				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.64				mg/L	1		Field Sampling	Total/NA
Specific Conductance	983				umhos/cm	1		Field Sampling	Total/NA
Turbidity	8.95				NTU	1		Field Sampling	Total/NA

Client Sample ID: 23

Lab Sample ID: 500-266421-29

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 Recoverable
Arsenic	0.00071	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.039		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	8.5	B	0.25	0.064	mg/L	5		6020B	Total Recoverable
Cadmium	0.00019	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	110		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.00045	J	0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00027	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	74		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.015		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	2.9		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	48		1.0	0.39	mg/L	5		6020B	Total Recoverable
Chloride	56		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	400		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	150	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	850		10	4.3	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 23 (Continued)

Lab Sample ID: 500-266421-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.16		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	17.09				ft	1		Field Sampling	Total/NA
Field pH	7.19				SU	1		Field Sampling	Total/NA
Field Temperature	13.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-59.4				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.05				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1074				umhos/cm	1		Field Sampling	Total/NA
Turbidity	8.72				NTU	1		Field Sampling	Total/NA

Client Sample ID: 49

Lab Sample ID: 500-266421-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.027		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.064		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.63		0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.0012		0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	120		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0026		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00022	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	37		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.022		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	14		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	64		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	110		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	87		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	330	B	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	0.16		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	21.61				ft	1		Field Sampling	Total/NA
Field pH	6.83				SU	1		Field Sampling	Total/NA
Field Temperature	14.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	38.4				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.12				mg/L	1		Field Sampling	Total/NA
Specific Conductance	997				umhos/cm	1		Field Sampling	Total/NA
Turbidity	6.31				NTU	1		Field Sampling	Total/NA

Client Sample ID: 50

Lab Sample ID: 500-266421-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.031		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00070	J	0.0010	0.00023	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-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNERIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 50 (Continued)

Lab Sample ID: 500-266421-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.054		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	2.8		0.050	0.013	mg/L	1			6020B	Total Recoverable
Cadmium	0.0012		0.00050	0.00017	mg/L	1			6020B	Total Recoverable
Calcium	100		0.20	0.044	mg/L	1			6020B	Total Recoverable
Cobalt	0.0026		0.0010	0.00040	mg/L	1			6020B	Total Recoverable
Magnesium	22		0.20	0.049	mg/L	1			6020B	Total Recoverable
Molybdenum	0.072		0.0050	0.0025	mg/L	1			6020B	Total Recoverable
Potassium	8.1		0.50	0.11	mg/L	1			6020B	Total Recoverable
Sodium	57		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	82		5.0	2.1	mg/L	5			300.0	Total/NA
Sulfate	150		5.0	2.3	mg/L	5			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	190	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	0.18		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	16.58				ft	1			Field Sampling	Total/NA
Field pH	7.40				SU	1			Field Sampling	Total/NA
Field Temperature	14.2				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	38.1				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	0.28				mg/L	1			Field Sampling	Total/NA
Specific Conductance	823				umhos/cm	1			Field Sampling	Total/NA
Turbidity	9.86				NTU	1			Field Sampling	Total/NA

Client Sample ID: 51

Lab Sample ID: 500-266421-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.026		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.019		0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.10		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	1.5		0.050	0.013	mg/L	1			6020B	Total Recoverable
Calcium	120		0.20	0.044	mg/L	1			6020B	Total Recoverable
Cobalt	0.00048	J	0.0010	0.00040	mg/L	1			6020B	Total Recoverable
Lead	0.00026	J	0.00050	0.00019	mg/L	1			6020B	Total Recoverable
Magnesium	38		0.20	0.049	mg/L	1			6020B	Total Recoverable
Molybdenum	0.0089		0.0050	0.0025	mg/L	1			6020B	Total Recoverable
Potassium	6.5		0.50	0.11	mg/L	1			6020B	Total Recoverable
Sodium	61		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-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 51 (Continued)

Lab Sample ID: 500-266421-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	98		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	84		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	340	B	5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	640		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.16		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	18.2				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	-139.4				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.09				mg/L	1		Field Sampling	Total/NA
Specific Conductance	997				umhos/cm	1		Field Sampling	Total/NA
Turbidity	60.72				NTU	1		Field Sampling	Total/NA

Client Sample ID: YSG_ILRIVER (SG02)

Lab Sample ID: 500-266421-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	21.75				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-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-266421-13	21R	Water	04/08/25 14:30	04/09/25 11:58
500-266421-14	27	Water	04/08/25 16:00	04/09/25 11:58
500-266421-15	27_FD	Water	04/08/25 16:05	04/09/25 11:58
500-266421-16	32	Water	04/08/25 10:55	04/09/25 11:58
500-266421-17	34	Water	04/08/25 13:20	04/09/25 11:58
500-266421-18	35	Water	04/08/25 12:00	04/09/25 11:58
500-266421-27	22	Water	04/09/25 14:40	04/10/25 12:05
500-266421-28	22&D	Water	04/09/25 13:25	04/10/25 12:05
500-266421-29	23	Water	04/09/25 12:45	04/10/25 12:05
500-266421-33	49	Water	04/09/25 10:10	04/10/25 12:05
500-266421-34	50	Water	04/09/25 11:05	04/10/25 12:05
500-266421-35	51	Water	04/09/25 09:20	04/10/25 12:05
500-266421-46	YSG_ILRIVER (SG02)	Water	04/07/25 10:53	04/08/25 20:07

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 21R

Lab Sample ID: 500-266421-13

Date Collected: 04/08/25 14:30

Matrix: Water

Date Received: 04/09/25 11:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.027		0.0050	0.0020	mg/L		04/09/25 15:52	04/10/25 13:52	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		04/09/25 17:00	04/11/25 18:29	1
Arsenic	0.024		0.0010	0.00023	mg/L		04/09/25 17:00	04/11/25 18:29	1
Barium	0.30		0.0025	0.00073	mg/L		04/09/25 17:00	04/11/25 18:29	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 17:00	04/11/25 18:29	1
Boron	2.1		0.050	0.013	mg/L		04/09/25 17:00	04/14/25 14:57	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/09/25 17:00	04/11/25 18:29	1
Calcium	130		0.20	0.044	mg/L		04/09/25 17:00	04/11/25 18:29	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 17:00	04/11/25 18:29	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/09/25 17:00	04/11/25 18:29	1
Lead	0.00019	J	0.00050	0.00019	mg/L		04/09/25 17:00	04/11/25 18:29	1
Magnesium	39		0.20	0.049	mg/L		04/09/25 17:00	04/11/25 18:29	1
Molybdenum	0.0090		0.0050	0.0025	mg/L		04/09/25 17:00	04/11/25 18:29	1
Potassium	2.9		0.50	0.11	mg/L		04/09/25 17:00	04/11/25 18:29	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/09/25 17:00	04/11/25 18:29	1
Sodium	56		0.20	0.077	mg/L		04/09/25 17:00	04/11/25 18:29	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 17:00	04/11/25 18:29	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		04/10/25 14:55	04/11/25 11:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	97		5.0	2.1	mg/L			04/12/25 01:41	5
Sulfate (EPA 300.0)	79		5.0	2.3	mg/L			04/12/25 01:41	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	380		5.0	3.7	mg/L			04/10/25 12:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 12:40	1
Total Dissolved Solids (SM 2540C)	600		10	4.3	mg/L			04/11/25 05:00	1
Fluoride (SM 4500 F C)	0.15		0.10	0.056	mg/L			04/10/25 15:30	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	5.61				ft			04/08/25 14:30	1
Field pH	7.24				SU			04/08/25 14:30	1
Field Temperature	12.2				Degrees C			04/08/25 14:30	1
Oxidation Reduction Potential	-168.8				millivolts			04/08/25 14:30	1
Oxygen, Dissolved	0.06				mg/L			04/08/25 14:30	1
Specific Conductance	997				umhos/cm			04/08/25 14:30	1
Turbidity	107.32				NTU			04/08/25 14:30	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 27

Lab Sample ID: 500-266421-14

Date Collected: 04/08/25 16:00

Matrix: Water

Date Received: 04/09/25 11:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.020		0.0050	0.0020	mg/L		04/09/25 15:52	04/10/25 13:56	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		04/09/25 17:00	04/11/25 18:34	1
Arsenic	0.0016		0.0010	0.00023	mg/L		04/09/25 17:00	04/11/25 18:34	1
Barium	0.092		0.0025	0.00073	mg/L		04/09/25 17:00	04/11/25 18:34	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 17:00	04/11/25 18:34	1
Boron	2.7		0.050	0.013	mg/L		04/09/25 17:00	04/14/25 15:11	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/09/25 17:00	04/11/25 18:34	1
Calcium	130		0.20	0.044	mg/L		04/09/25 17:00	04/11/25 18:34	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 17:00	04/11/25 18:34	1
Cobalt	0.0016		0.0010	0.00040	mg/L		04/09/25 17:00	04/11/25 18:34	1
Lead	0.00035 J		0.00050	0.00019	mg/L		04/09/25 17:00	04/11/25 18:34	1
Magnesium	39		0.20	0.049	mg/L		04/09/25 17:00	04/11/25 18:34	1
Molybdenum	0.0048 J		0.0050	0.0025	mg/L		04/09/25 17:00	04/11/25 18:34	1
Potassium	2.8		0.50	0.11	mg/L		04/09/25 17:00	04/11/25 18:34	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/09/25 17:00	04/11/25 18:34	1
Sodium	51		0.20	0.077	mg/L		04/09/25 17:00	04/11/25 18:34	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 17:00	04/11/25 18:34	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		04/10/25 14:55	04/11/25 11:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	95		5.0	2.1	mg/L			04/12/25 01:56	5
Sulfate (EPA 300.0)	150		5.0	2.3	mg/L			04/12/25 01:56	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	320		5.0	3.7	mg/L			04/10/25 12:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 12:50	1
Total Dissolved Solids (SM 2540C)	720		10	4.3	mg/L			04/11/25 05:02	1
Fluoride (SM 4500 F C)	0.12		0.10	0.056	mg/L			04/10/25 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)	4.06				ft			04/08/25 16:00	1
Field pH	6.99				SU			04/08/25 16:00	1
Field Temperature	11.2				Degrees C			04/08/25 16:00	1
Oxidation Reduction Potential	-67.9				millivolts			04/08/25 16:00	1
Oxygen, Dissolved	0.27				mg/L			04/08/25 16:00	1
Specific Conductance	971				umhos/cm			04/08/25 16:00	1
Turbidity	43.72				NTU			04/08/25 16:00	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 27_FD

Lab Sample ID: 500-266421-15

Date Collected: 04/08/25 16:05

Matrix: Water

Date Received: 04/09/25 11:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0046	J	0.0050	0.0020	mg/L		04/09/25 15:52	04/10/25 14:10	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		04/10/25 08:23	04/14/25 17:39	1
Arsenic	0.0019		0.0010	0.00023	mg/L		04/10/25 08:23	04/14/25 17:39	1
Barium	0.098		0.0025	0.00073	mg/L		04/10/25 08:23	04/14/25 17:39	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/10/25 08:23	04/14/25 17:39	1
Boron	2.6	B	0.050	0.013	mg/L		04/10/25 08:23	04/14/25 17:39	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/10/25 08:23	04/14/25 17:39	1
Calcium	130	B	0.20	0.044	mg/L		04/10/25 08:23	04/14/25 17:39	1
Chromium	0.0013	J	0.0050	0.0011	mg/L		04/10/25 08:23	04/14/25 17:39	1
Cobalt	0.0016		0.0010	0.00040	mg/L		04/10/25 08:23	04/14/25 17:39	1
Lead	0.00094	B	0.00050	0.00019	mg/L		04/10/25 08:23	04/14/25 17:39	1
Magnesium	40		0.20	0.049	mg/L		04/10/25 08:23	04/14/25 17:39	1
Molybdenum	0.0053		0.0050	0.0025	mg/L		04/10/25 08:23	04/14/25 17:39	1
Potassium	3.1		0.50	0.11	mg/L		04/10/25 08:23	04/14/25 17:39	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/10/25 08:23	04/14/25 17:39	1
Sodium	52		0.20	0.077	mg/L		04/10/25 08:23	04/14/25 17:39	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/10/25 08:23	04/14/25 17:39	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		04/11/25 14:20	04/14/25 09:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	96		5.0	2.1	mg/L			04/12/25 02:11	5
Sulfate (EPA 300.0)	150		5.0	2.3	mg/L			04/12/25 02:11	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	320		5.0	3.7	mg/L			04/10/25 13:00	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 13:00	1
Total Dissolved Solids (SM 2540C)	650		10	4.3	mg/L			04/11/25 05:05	1
Fluoride (SM 4500 F C)	0.12		0.10	0.056	mg/L			04/10/25 15:52	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	4.06				ft			04/08/25 16:05	1
Field pH	6.99				SU			04/08/25 16:05	1
Field Temperature	11.2				Degrees C			04/08/25 16:05	1
Oxidation Reduction Potential	-67.9				millivolts			04/08/25 16:05	1
Oxygen, Dissolved	0.27				mg/L			04/08/25 16:05	1
Specific Conductance	971				umhos/cm			04/08/25 16:05	1
Turbidity	43.72				NTU			04/08/25 16:05	1

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Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 32

Lab Sample ID: 500-266421-16

Date Collected: 04/08/25 10:55

Matrix: Water

Date Received: 04/09/25 11:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0050		0.0050	0.0020	mg/L		04/10/25 08:28	04/11/25 19:15	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		04/10/25 08:23	04/14/25 17:44	1
Arsenic	0.00026	J	0.0010	0.00023	mg/L		04/10/25 08:23	04/14/25 17:44	1
Barium	0.050		0.0025	0.00073	mg/L		04/10/25 08:23	04/14/25 17:44	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/10/25 08:23	04/14/25 17:44	1
Boron	0.16	B	0.050	0.013	mg/L		04/10/25 08:23	04/14/25 17:44	1
Cadmium	0.00030	J	0.00050	0.00017	mg/L		04/10/25 08:23	04/14/25 17:44	1
Calcium	140	B	0.20	0.044	mg/L		04/10/25 08:23	04/14/25 17:44	1
Chromium	0.0014	J	0.0050	0.0011	mg/L		04/10/25 08:23	04/14/25 17:44	1
Cobalt	0.0010		0.0010	0.00040	mg/L		04/10/25 08:23	04/14/25 17:44	1
Lead	0.00080	B	0.00050	0.00019	mg/L		04/10/25 08:23	04/14/25 17:44	1
Magnesium	48		0.20	0.049	mg/L		04/10/25 08:23	04/14/25 17:44	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/10/25 08:23	04/14/25 17:44	1
Potassium	2.0		0.50	0.11	mg/L		04/10/25 08:23	04/14/25 17:44	1
Selenium	0.0010	J B	0.0025	0.00098	mg/L		04/10/25 08:23	04/14/25 17:44	1
Sodium	46		0.20	0.077	mg/L		04/10/25 08:23	04/14/25 17:44	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/10/25 08:23	04/14/25 17:44	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		04/11/25 14:20	04/14/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		10	4.2	mg/L			04/12/25 02:27	10
Sulfate (EPA 300.0)	140		10	4.7	mg/L			04/12/25 02:27	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	300		5.0	3.7	mg/L			04/10/25 13:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 13:11	1
Total Dissolved Solids (SM 2540C)	670		10	4.3	mg/L			04/11/25 05:08	1
Fluoride (SM 4500 F C)	0.11		0.10	0.056	mg/L			04/10/25 15:56	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	4.98				ft			04/08/25 10:55	1
Field pH	6.89				SU			04/08/25 10:55	1
Field Temperature	9.8				Degrees C			04/08/25 10:55	1
Oxidation Reduction Potential	145.3				millivolts			04/08/25 10:55	1
Oxygen, Dissolved	0.18				mg/L			04/08/25 10:55	1
Specific Conductance	1029				umhos/cm			04/08/25 10:55	1
Turbidity	13.57				NTU			04/08/25 10:55	1

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Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 34

Lab Sample ID: 500-266421-17

Date Collected: 04/08/25 13:20

Matrix: Water

Date Received: 04/09/25 11:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.017		0.0050	0.0020	mg/L		04/10/25 08:28	04/11/25 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/10/25 08:23	04/14/25 17:49	1
Arsenic	0.00047	J	0.0010	0.00023	mg/L		04/10/25 08:23	04/14/25 17:49	1
Barium	0.13		0.0025	0.00073	mg/L		04/10/25 08:23	04/14/25 17:49	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/10/25 08:23	04/14/25 17:49	1
Boron	0.15	B	0.050	0.013	mg/L		04/10/25 08:23	04/14/25 17:49	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/10/25 08:23	04/14/25 17:49	1
Calcium	180	B	0.20	0.044	mg/L		04/10/25 08:23	04/14/25 17:49	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/10/25 08:23	04/14/25 17:49	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/10/25 08:23	04/14/25 17:49	1
Lead	0.00062	B	0.00050	0.00019	mg/L		04/10/25 08:23	04/14/25 17:49	1
Magnesium	49		0.20	0.049	mg/L		04/10/25 08:23	04/14/25 17:49	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/10/25 08:23	04/14/25 17:49	1
Potassium	0.46	J	0.50	0.11	mg/L		04/10/25 08:23	04/14/25 17:49	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/10/25 08:23	04/14/25 17:49	1
Sodium	57		0.20	0.077	mg/L		04/10/25 08:23	04/14/25 17:49	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/10/25 08:23	04/14/25 17:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/11/25 14:20	04/14/25 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	71		5.0	2.1	mg/L			04/10/25 20:04	5
Sulfate (EPA 300.0)	43		5.0	2.3	mg/L			04/10/25 20:04	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	570		5.0	3.7	mg/L			04/10/25 13:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 13:24	1
Total Dissolved Solids (SM 2540C)	740		10	4.3	mg/L			04/11/25 05:10	1
Fluoride (SM 4500 F C)	0.15		0.10	0.056	mg/L			04/10/25 16:01	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	3.99				ft			04/08/25 13:20	1
Field pH	6.70				SU			04/08/25 13:20	1
Field Temperature	12.0				Degrees C			04/08/25 13:20	1
Oxidation Reduction Potential	-82.4				millivolts			04/08/25 13:20	1
Oxygen, Dissolved	0.27				mg/L			04/08/25 13:20	1
Specific Conductance	1182				umhos/cm			04/08/25 13:20	1
Turbidity	13.72				NTU			04/08/25 13:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 35

Lab Sample ID: 500-266421-18

Date Collected: 04/08/25 12:00

Matrix: Water

Date Received: 04/09/25 11:58

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		04/10/25 08:28	04/11/25 19:32	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		04/10/25 08:23	04/14/25 17:54	1
Arsenic	0.00072	J	0.0010	0.00023	mg/L		04/10/25 08:23	04/14/25 17:54	1
Barium	0.038		0.0025	0.00073	mg/L		04/10/25 08:23	04/14/25 17:54	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/10/25 08:23	04/14/25 17:54	1
Boron	5.5		0.25	0.064	mg/L		04/10/25 08:23	04/15/25 12:51	5
Cadmium	0.00017	J	0.00050	0.00017	mg/L		04/10/25 08:23	04/14/25 17:54	1
Calcium	230	B	0.20	0.044	mg/L		04/10/25 08:23	04/14/25 17:54	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/10/25 08:23	04/14/25 17:54	1
Cobalt	0.00093	J	0.0010	0.00040	mg/L		04/10/25 08:23	04/14/25 17:54	1
Lead	0.00045	J B	0.00050	0.00019	mg/L		04/10/25 08:23	04/14/25 17:54	1
Magnesium	28		0.20	0.049	mg/L		04/10/25 08:23	04/14/25 17:54	1
Molybdenum	0.044		0.0050	0.0025	mg/L		04/10/25 08:23	04/14/25 17:54	1
Potassium	7.9		0.50	0.11	mg/L		04/10/25 08:23	04/14/25 17:54	1
Selenium	0.0013	J B	0.0025	0.00098	mg/L		04/10/25 08:23	04/14/25 17:54	1
Sodium	19		0.20	0.077	mg/L		04/10/25 08:23	04/14/25 17:54	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/10/25 08:23	04/14/25 17:54	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		04/11/25 14:20	04/14/25 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	11		1.0	0.42	mg/L			04/10/25 20:15	1
Sulfate (EPA 300.0)	340		20	9.4	mg/L			04/12/25 08:35	20
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	270		5.0	3.7	mg/L			04/10/25 13:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 13:35	1
Total Dissolved Solids (SM 2540C)	890		10	4.3	mg/L			04/11/25 05:13	1
Fluoride (SM 4500 F C)	0.20		0.10	0.056	mg/L			04/10/25 16:05	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	8.29				ft			04/08/25 12:00	1
Field pH	6.82				SU			04/08/25 12:00	1
Field Temperature	11.2				Degrees C			04/08/25 12:00	1
Oxidation Reduction Potential	150.6				millivolts			04/08/25 12:00	1
Oxygen, Dissolved	0.02				mg/L			04/08/25 12:00	1
Specific Conductance	911				umhos/cm			04/08/25 12:00	1
Turbidity	172.35				NTU			04/08/25 12:00	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 22

Lab Sample ID: 500-266421-27

Date Collected: 04/09/25 14:40

Matrix: Water

Date Received: 04/10/25 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.050		0.0050	0.0020	mg/L		04/14/25 15:32	04/21/25 17:28	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		04/11/25 08:33	04/16/25 15:02	1
Arsenic	0.00081	J	0.0010	0.00023	mg/L		04/11/25 08:33	04/16/25 15:02	1
Barium	0.059		0.0025	0.00073	mg/L		04/11/25 08:33	04/16/25 15:02	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/11/25 08:33	04/16/25 15:02	1
Boron	3.0		0.050	0.013	mg/L		04/11/25 08:33	04/16/25 15:02	1
Cadmium	0.0050		0.00050	0.00017	mg/L		04/11/25 08:33	04/16/25 15:02	1
Calcium	94		0.20	0.044	mg/L		04/11/25 08:33	04/16/25 15:02	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/11/25 08:33	04/16/25 15:02	1
Cobalt	0.0020		0.0010	0.00040	mg/L		04/11/25 08:33	04/16/25 15:02	1
Lead	0.00038	J	0.00050	0.00019	mg/L		04/11/25 08:33	04/16/25 15:02	1
Magnesium	37		0.20	0.049	mg/L		04/11/25 08:33	04/16/25 15:02	1
Molybdenum	0.068		0.0050	0.0025	mg/L		04/11/25 08:33	04/16/25 15:02	1
Potassium	11		0.50	0.11	mg/L		04/11/25 08:33	04/16/25 15:02	1
Selenium	0.015		0.0025	0.00098	mg/L		04/11/25 08:33	04/16/25 15:02	1
Sodium	62		0.20	0.077	mg/L		04/11/25 08:33	04/17/25 13:42	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/11/25 08:33	04/16/25 15:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/11/25 14:20	04/14/25 10:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	90		5.0	2.1	mg/L			04/12/25 10:31	5
Sulfate (EPA 300.0)	120		5.0	2.3	mg/L			04/12/25 10:31	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	260	B	5.0	3.7	mg/L			04/13/25 11:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/13/25 11:05	1
Total Dissolved Solids (SM 2540C)	650		10	4.3	mg/L			04/15/25 02:32	1
Fluoride (SM 4500 F C)	0.17		0.10	0.056	mg/L			04/15/25 15:44	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	18.11				ft			04/09/25 14:40	1
Field pH	7.43				SU			04/09/25 14:40	1
Field Temperature	15.1				Degrees C			04/09/25 14:40	1
Oxidation Reduction Potential	30.1				millivolts			04/09/25 14:40	1
Oxygen, Dissolved	0.08				mg/L			04/09/25 14:40	1
Specific Conductance	902				umhos/cm			04/09/25 14:40	1
Turbidity	3.05				NTU			04/09/25 14:40	1

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Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 22&D

Lab Sample ID: 500-266421-28

Date Collected: 04/09/25 13:25

Matrix: Water

Date Received: 04/10/25 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.019		0.0050	0.0020	mg/L		04/14/25 15:32	04/21/25 17:33	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		04/11/25 08:33	04/16/25 15:05	1
Arsenic	0.00098	J	0.0010	0.00023	mg/L		04/11/25 08:33	04/16/25 15:05	1
Barium	0.071		0.0025	0.00073	mg/L		04/11/25 08:33	04/16/25 15:05	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/11/25 08:33	04/16/25 15:05	1
Boron	1.3		0.050	0.013	mg/L		04/11/25 08:33	04/16/25 15:05	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/11/25 08:33	04/16/25 15:05	1
Calcium	120		0.20	0.044	mg/L		04/11/25 08:33	04/16/25 15:05	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/11/25 08:33	04/16/25 15:05	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/11/25 08:33	04/16/25 15:05	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/11/25 08:33	04/16/25 15:05	1
Magnesium	41		0.20	0.049	mg/L		04/11/25 08:33	04/16/25 15:05	1
Molybdenum	0.0064		0.0050	0.0025	mg/L		04/11/25 08:33	04/16/25 15:05	1
Potassium	3.1		0.50	0.11	mg/L		04/11/25 08:33	04/16/25 15:05	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/11/25 08:33	04/16/25 15:05	1
Sodium	54		0.20	0.077	mg/L		04/11/25 08:33	04/17/25 13:44	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/11/25 08:33	04/16/25 15:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/11/25 14:20	04/14/25 10:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	94		5.0	2.1	mg/L			04/12/25 10:43	5
Sulfate (EPA 300.0)	85		5.0	2.3	mg/L			04/12/25 10:43	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	340	B	5.0	3.7	mg/L			04/13/25 11:16	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/13/25 11:16	1
Total Dissolved Solids (SM 2540C)	650		10	4.3	mg/L			04/15/25 02:35	1
Fluoride (SM 4500 F C)	0.11		0.10	0.056	mg/L			04/15/25 15:48	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	19.15				ft			04/09/25 13:25	1
Field pH	7.06				SU			04/09/25 13:25	1
Field Temperature	14.9				Degrees C			04/09/25 13:25	1
Oxidation Reduction Potential	-114.3				millivolts			04/09/25 13:25	1
Oxygen, Dissolved	0.64				mg/L			04/09/25 13:25	1
Specific Conductance	983				umhos/cm			04/09/25 13:25	1
Turbidity	8.95				NTU			04/09/25 13:25	1

Eurofins Chicago

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 23

Lab Sample ID: 500-266421-29

Date Collected: 04/09/25 12:45

Matrix: Water

Date Received: 04/10/25 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0073		0.0050	0.0020	mg/L		04/14/25 15:32	04/21/25 17:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/11/25 08:33	04/16/25 15:07	1
Arsenic	0.00071	J	0.0010	0.00023	mg/L		04/11/25 08:33	04/16/25 15:07	1
Barium	0.039		0.0025	0.00073	mg/L		04/11/25 08:33	04/16/25 15:07	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/11/25 08:33	04/16/25 15:07	1
Boron	8.5	B	0.25	0.064	mg/L		04/11/25 08:33	04/17/25 13:46	5
Cadmium	0.00019	J	0.00050	0.00017	mg/L		04/11/25 08:33	04/16/25 15:07	1
Calcium	110		0.20	0.044	mg/L		04/11/25 08:33	04/16/25 15:07	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/11/25 08:33	04/16/25 15:07	1
Cobalt	0.00045	J	0.0010	0.00040	mg/L		04/11/25 08:33	04/16/25 15:07	1
Lead	0.00027	J	0.00050	0.00019	mg/L		04/11/25 08:33	04/16/25 15:07	1
Magnesium	74		0.20	0.049	mg/L		04/11/25 08:33	04/16/25 15:07	1
Molybdenum	0.015		0.0050	0.0025	mg/L		04/11/25 08:33	04/16/25 15:07	1
Potassium	2.9		0.50	0.11	mg/L		04/11/25 08:33	04/16/25 15:07	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/11/25 08:33	04/16/25 15:07	1
Sodium	48		1.0	0.39	mg/L		04/11/25 08:33	04/17/25 13:46	5
Thallium	<0.0020		0.0020	0.00057	mg/L		04/11/25 08:33	04/16/25 15:07	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		04/11/25 14:20	04/14/25 10:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	56		10	4.2	mg/L			04/12/25 10:54	10
Sulfate (EPA 300.0)	400		10	4.7	mg/L			04/12/25 10:54	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	150	B	5.0	3.7	mg/L			04/13/25 11:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/13/25 11:26	1
Total Dissolved Solids (SM 2540C)	850		10	4.3	mg/L			04/15/25 02:37	1
Fluoride (SM 4500 F C)	0.16		0.10	0.056	mg/L			04/15/25 15:53	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	17.09				ft			04/09/25 12:45	1
Field pH	7.19				SU			04/09/25 12:45	1
Field Temperature	13.1				Degrees C			04/09/25 12:45	1
Oxidation Reduction Potential	-59.4				millivolts			04/09/25 12:45	1
Oxygen, Dissolved	0.05				mg/L			04/09/25 12:45	1
Specific Conductance	1074				umhos/cm			04/09/25 12:45	1
Turbidity	8.72				NTU			04/09/25 12:45	1

Eurofins Chicago

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 49

Lab Sample ID: 500-266421-33

Date Collected: 04/09/25 10:10

Matrix: Water

Date Received: 04/10/25 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.027		0.0050	0.0020	mg/L		04/14/25 15:32	04/21/25 17:55	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		04/11/25 08:33	04/16/25 15:22	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/11/25 08:33	04/16/25 15:22	1
Barium	0.064		0.0025	0.00073	mg/L		04/11/25 08:33	04/16/25 15:22	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/11/25 08:33	04/16/25 15:22	1
Boron	0.63		0.050	0.013	mg/L		04/11/25 08:33	04/16/25 15:22	1
Cadmium	0.0012		0.00050	0.00017	mg/L		04/11/25 08:33	04/16/25 15:22	1
Calcium	120		0.20	0.044	mg/L		04/11/25 08:33	04/16/25 15:22	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/11/25 08:33	04/16/25 15:22	1
Cobalt	0.0026		0.0010	0.00040	mg/L		04/11/25 08:33	04/16/25 15:22	1
Lead	0.00022	J	0.00050	0.00019	mg/L		04/11/25 08:33	04/16/25 15:22	1
Magnesium	37		0.20	0.049	mg/L		04/11/25 08:33	04/16/25 15:22	1
Molybdenum	0.022		0.0050	0.0025	mg/L		04/11/25 08:33	04/16/25 15:22	1
Potassium	14		0.50	0.11	mg/L		04/11/25 08:33	04/16/25 15:22	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/11/25 08:33	04/16/25 15:22	1
Sodium	64		0.20	0.077	mg/L		04/11/25 08:33	04/17/25 14:01	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/11/25 08:33	04/16/25 15:22	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		04/11/25 14:20	04/14/25 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		5.0	2.1	mg/L			04/12/25 11:40	5
Sulfate (EPA 300.0)	87		5.0	2.3	mg/L			04/12/25 11:40	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	330	B	5.0	3.7	mg/L			04/13/25 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/13/25 12:10	1
Total Dissolved Solids (SM 2540C)	610		10	4.3	mg/L			04/15/25 03:14	1
Fluoride (SM 4500 F C)	0.16		0.10	0.056	mg/L			04/22/25 13:23	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	21.61				ft			04/09/25 10:10	1
Field pH	6.83				SU			04/09/25 10:10	1
Field Temperature	14.2				Degrees C			04/09/25 10:10	1
Oxidation Reduction Potential	38.4				millivolts			04/09/25 10:10	1
Oxygen, Dissolved	0.12				mg/L			04/09/25 10:10	1
Specific Conductance	997				umhos/cm			04/09/25 10:10	1
Turbidity	6.31				NTU			04/09/25 10:10	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 50

Lab Sample ID: 500-266421-34

Date Collected: 04/09/25 11:05

Matrix: Water

Date Received: 04/10/25 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.031		0.0050	0.0020	mg/L		04/14/25 15:32	04/21/25 18:00	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		04/11/25 08:41	04/15/25 16:01	1
Arsenic	0.00070	J	0.0010	0.00023	mg/L		04/11/25 08:41	04/15/25 16:01	1
Barium	0.054		0.0025	0.00073	mg/L		04/11/25 08:41	04/15/25 16:01	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/11/25 08:41	04/15/25 16:01	1
Boron	2.8		0.050	0.013	mg/L		04/11/25 08:41	04/17/25 12:26	1
Cadmium	0.0012		0.00050	0.00017	mg/L		04/11/25 08:41	04/15/25 16:01	1
Calcium	100		0.20	0.044	mg/L		04/11/25 08:41	04/16/25 12:00	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/11/25 08:41	04/15/25 16:01	1
Cobalt	0.0026		0.0010	0.00040	mg/L		04/11/25 08:41	04/15/25 16:01	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/11/25 08:41	04/15/25 16:01	1
Magnesium	22		0.20	0.049	mg/L		04/11/25 08:41	04/15/25 16:01	1
Molybdenum	0.072		0.0050	0.0025	mg/L		04/11/25 08:41	04/15/25 16:01	1
Potassium	8.1		0.50	0.11	mg/L		04/11/25 08:41	04/15/25 16:01	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/11/25 08:41	04/15/25 16:01	1
Sodium	57		0.20	0.077	mg/L		04/11/25 08:41	04/16/25 12:00	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/11/25 08:41	04/15/25 16:01	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		04/11/25 14:20	04/14/25 10:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	82		5.0	2.1	mg/L			04/12/25 15:33	5
Sulfate (EPA 300.0)	150		5.0	2.3	mg/L			04/12/25 15:33	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	190	B	5.0	3.7	mg/L			04/13/25 12:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/13/25 12:20	1
Total Dissolved Solids (SM 2540C)	550		10	4.3	mg/L			04/15/25 03:16	1
Fluoride (SM 4500 F C)	0.18		0.10	0.056	mg/L			04/22/25 13:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	16.58				ft			04/09/25 11:05	1
Field pH	7.40				SU			04/09/25 11:05	1
Field Temperature	14.2				Degrees C			04/09/25 11:05	1
Oxidation Reduction Potential	38.1				millivolts			04/09/25 11:05	1
Oxygen, Dissolved	0.28				mg/L			04/09/25 11:05	1
Specific Conductance	823				umhos/cm			04/09/25 11:05	1
Turbidity	9.86				NTU			04/09/25 11:05	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 51

Lab Sample ID: 500-266421-35

Date Collected: 04/09/25 09:20

Matrix: Water

Date Received: 04/10/25 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.026		0.0050	0.0020	mg/L		04/14/25 15:32	04/21/25 18:48	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		04/11/25 08:41	04/15/25 16:18	1
Arsenic	0.019		0.0010	0.00023	mg/L		04/11/25 08:41	04/15/25 16:18	1
Barium	0.10		0.0025	0.00073	mg/L		04/11/25 08:41	04/15/25 16:18	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/11/25 08:41	04/15/25 16:18	1
Boron	1.5		0.050	0.013	mg/L		04/11/25 08:41	04/17/25 12:38	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/11/25 08:41	04/15/25 16:18	1
Calcium	120		0.20	0.044	mg/L		04/11/25 08:41	04/16/25 12:17	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/11/25 08:41	04/15/25 16:18	1
Cobalt	0.00048	J	0.0010	0.00040	mg/L		04/11/25 08:41	04/15/25 16:18	1
Lead	0.00026	J	0.00050	0.00019	mg/L		04/11/25 08:41	04/15/25 16:18	1
Magnesium	38		0.20	0.049	mg/L		04/11/25 08:41	04/15/25 16:18	1
Molybdenum	0.0089		0.0050	0.0025	mg/L		04/11/25 08:41	04/15/25 16:18	1
Potassium	6.5		0.50	0.11	mg/L		04/11/25 08:41	04/15/25 16:18	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/11/25 08:41	04/15/25 16:18	1
Sodium	61		0.20	0.077	mg/L		04/11/25 08:41	04/16/25 12:17	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/11/25 08:41	04/15/25 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		04/11/25 14:20	04/14/25 10:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	98		5.0	2.1	mg/L			04/12/25 16:08	5
Sulfate (EPA 300.0)	84		5.0	2.3	mg/L			04/12/25 16:08	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	340	B	5.0	3.7	mg/L			04/13/25 12:30	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/13/25 12:30	1
Total Dissolved Solids (SM 2540C)	640		10	4.3	mg/L			04/15/25 03:24	1
Fluoride (SM 4500 F C)	0.16		0.10	0.056	mg/L			04/22/25 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	18.2				ft			04/09/25 09:20	1
Field pH	7.11				SU			04/09/25 09:20	1
Field Temperature	11.8				Degrees C			04/09/25 09:20	1
Oxidation Reduction Potential	-139.4				millivolts			04/09/25 09:20	1
Oxygen, Dissolved	0.09				mg/L			04/09/25 09:20	1
Specific Conductance	997				umhos/cm			04/09/25 09:20	1
Turbidity	60.72				NTU			04/09/25 09:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: YSG_ILRIVER (SG02)

Lab Sample ID: 500-266421-46

Date Collected: 04/07/25 10:53

Matrix: Water

Date Received: 04/08/25 20:07

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	21.75				ft			04/07/25 10:53	1

Definitions/Glossary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
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-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Metals

Prep Batch: 813096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total Recoverable	Water	200.7	
500-266421-14	27	Total Recoverable	Water	200.7	
500-266421-15	27_FD	Total Recoverable	Water	200.7	
MB 500-813096/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 500-813096/2-A	Lab Control Sample	Total Recoverable	Water	200.7	

Prep Batch: 813106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total Recoverable	Water	3005A	
500-266421-14	27	Total Recoverable	Water	3005A	
MB 500-813106/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-813106/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 813161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-15	27_FD	Total Recoverable	Water	3005A	
500-266421-16	32	Total Recoverable	Water	3005A	
500-266421-17	34	Total Recoverable	Water	3005A	
500-266421-18	35	Total Recoverable	Water	3005A	
MB 500-813161/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-813161/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 813252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total/NA	Water	7470A	
500-266421-14	27	Total/NA	Water	7470A	
MB 500-813252/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-813252/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 813299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-16	32	Total Recoverable	Water	200.7	
500-266421-17	34	Total Recoverable	Water	200.7	
500-266421-18	35	Total Recoverable	Water	200.7	
MB 500-813299/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 500-813299/2-A	Lab Control Sample	Total Recoverable	Water	200.7	

Prep Batch: 813344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-27	22	Total Recoverable	Water	3005A	
500-266421-28	22&D	Total Recoverable	Water	3005A	
500-266421-29	23	Total Recoverable	Water	3005A	
500-266421-33	49	Total Recoverable	Water	3005A	
MB 500-813344/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-813344/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 813347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-34	50	Total Recoverable	Water	3005A	
500-266421-35	51	Total Recoverable	Water	3005A	
MB 500-813347/1-A	Method Blank	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Metals (Continued)

Prep Batch: 813347 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-813347/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-266421-34 MS	50	Total Recoverable	Water	3005A	
500-266421-34 MSD	50	Total Recoverable	Water	3005A	
500-266421-34 DU	50	Total Recoverable	Water	3005A	

Analysis Batch: 813363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total Recoverable	Water	200.7 Rev 4.4	813096
500-266421-14	27	Total Recoverable	Water	200.7 Rev 4.4	813096
500-266421-15	27_FD	Total Recoverable	Water	200.7 Rev 4.4	813096
MB 500-813096/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	813096
LCS 500-813096/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	813096

Analysis Batch: 813413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total/NA	Water	7470A	813252
500-266421-14	27	Total/NA	Water	7470A	813252
MB 500-813252/12-A	Method Blank	Total/NA	Water	7470A	813252
LCS 500-813252/13-A	Lab Control Sample	Total/NA	Water	7470A	813252

Prep Batch: 813431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-15	27_FD	Total/NA	Water	7470A	
500-266421-16	32	Total/NA	Water	7470A	
500-266421-17	34	Total/NA	Water	7470A	
500-266421-18	35	Total/NA	Water	7470A	
500-266421-27	22	Total/NA	Water	7470A	
500-266421-28	22&D	Total/NA	Water	7470A	
MB 500-813431/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-813431/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 813432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-29	23	Total/NA	Water	7470A	
500-266421-33	49	Total/NA	Water	7470A	
500-266421-34	50	Total/NA	Water	7470A	
500-266421-35	51	Total/NA	Water	7470A	
MB 500-813432/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-813432/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-266421-34 MS	50	Total/NA	Water	7470A	
500-266421-34 MSD	50	Total/NA	Water	7470A	
500-266421-34 DU	50	Total Recoverable	Water	7470A	
500-266421-34 DU	50	Total/NA	Water	7470A	

Analysis Batch: 813532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total Recoverable	Water	6020B	813106
500-266421-14	27	Total Recoverable	Water	6020B	813106
MB 500-813106/1-A	Method Blank	Total Recoverable	Water	6020B	813106
LCS 500-813106/2-A	Lab Control Sample	Total Recoverable	Water	6020B	813106

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Job ID: 500-266421-10
SDG: HEN_845_804

Metals

Analysis Batch: 813540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-16	32	Total Recoverable	Water	200.7 Rev 4.4	813299
500-266421-17	34	Total Recoverable	Water	200.7 Rev 4.4	813299
500-266421-18	35	Total Recoverable	Water	200.7 Rev 4.4	813299
MB 500-813299/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	813299
LCS 500-813299/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	813299

Analysis Batch: 813587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-15	27_FD	Total/NA	Water	7470A	813431
500-266421-16	32	Total/NA	Water	7470A	813431
500-266421-17	34	Total/NA	Water	7470A	813431
500-266421-18	35	Total/NA	Water	7470A	813431
500-266421-27	22	Total/NA	Water	7470A	813431
500-266421-28	22&D	Total/NA	Water	7470A	813431
500-266421-29	23	Total/NA	Water	7470A	813432
500-266421-33	49	Total/NA	Water	7470A	813432
500-266421-34	50	Total/NA	Water	7470A	813432
500-266421-35	51	Total/NA	Water	7470A	813432
MB 500-813431/12-A	Method Blank	Total/NA	Water	7470A	813431
MB 500-813432/12-A	Method Blank	Total/NA	Water	7470A	813432
LCS 500-813431/13-A	Lab Control Sample	Total/NA	Water	7470A	813431
LCS 500-813432/13-A	Lab Control Sample	Total/NA	Water	7470A	813432
500-266421-34 MS	50	Total/NA	Water	7470A	813432
500-266421-34 MSD	50	Total/NA	Water	7470A	813432
500-266421-34 DU	50	Total/NA	Water	7470A	813432

Prep Batch: 813641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-27	22	Total Recoverable	Water	200.7	
500-266421-28	22&D	Total Recoverable	Water	200.7	
500-266421-29	23	Total Recoverable	Water	200.7	
500-266421-33	49	Total Recoverable	Water	200.7	
500-266421-34	50	Total Recoverable	Water	200.7	
500-266421-35	51	Total Recoverable	Water	200.7	
MB 500-813641/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 500-813641/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
500-266421-34 MS	50	Total Recoverable	Water	200.7	
500-266421-34 MSD	50	Total Recoverable	Water	200.7	
500-266421-34 DU	50	Total Recoverable	Water	200.7	

Analysis Batch: 813699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total Recoverable	Water	6020B	813106
500-266421-14	27	Total Recoverable	Water	6020B	813106
500-266421-15	27_FD	Total Recoverable	Water	6020B	813161
500-266421-16	32	Total Recoverable	Water	6020B	813161
500-266421-17	34	Total Recoverable	Water	6020B	813161
500-266421-18	35	Total Recoverable	Water	6020B	813161
MB 500-813106/1-A	Method Blank	Total Recoverable	Water	6020B	813106
MB 500-813161/1-A	Method Blank	Total Recoverable	Water	6020B	813161
LCS 500-813106/2-A	Lab Control Sample	Total Recoverable	Water	6020B	813106

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Metals (Continued)

Analysis Batch: 813699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-813161/2-A	Lab Control Sample	Total Recoverable	Water	6020B	813161

Analysis Batch: 813861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-18	35	Total Recoverable	Water	6020B	813161

Analysis Batch: 813862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-34	50	Total Recoverable	Water	6020B	813347
500-266421-35	51	Total Recoverable	Water	6020B	813347
MB 500-813347/1-A	Method Blank	Total Recoverable	Water	6020B	813347
LCS 500-813347/2-A	Lab Control Sample	Total Recoverable	Water	6020B	813347
500-266421-34 MS	50	Total Recoverable	Water	6020B	813347
500-266421-34 MSD	50	Total Recoverable	Water	6020B	813347
500-266421-34 DU	50	Total Recoverable	Water	6020B	813432

Analysis Batch: 814048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-27	22	Total Recoverable	Water	6020B	813344
500-266421-28	22&D	Total Recoverable	Water	6020B	813344
500-266421-29	23	Total Recoverable	Water	6020B	813344
500-266421-33	49	Total Recoverable	Water	6020B	813344
500-266421-34	50	Total Recoverable	Water	6020B	813347
500-266421-35	51	Total Recoverable	Water	6020B	813347
MB 500-813344/1-A	Method Blank	Total Recoverable	Water	6020B	813344
LCS 500-813344/2-A	Lab Control Sample	Total Recoverable	Water	6020B	813344
500-266421-34 DU	50	Total Recoverable	Water	6020B	813347

Analysis Batch: 814224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-27	22	Total Recoverable	Water	6020B	813344
500-266421-28	22&D	Total Recoverable	Water	6020B	813344
500-266421-29	23	Total Recoverable	Water	6020B	813344
500-266421-33	49	Total Recoverable	Water	6020B	813344
500-266421-34	50	Total Recoverable	Water	6020B	813347
500-266421-35	51	Total Recoverable	Water	6020B	813347
MB 500-813344/1-A	Method Blank	Total Recoverable	Water	6020B	813344
LCS 500-813344/2-A	Lab Control Sample	Total Recoverable	Water	6020B	813344
500-266421-34 MS	50	Total Recoverable	Water	6020B	813347
500-266421-34 MSD	50	Total Recoverable	Water	6020B	813347
500-266421-34 DU	50	Total Recoverable	Water	6020B	813347

Analysis Batch: 814615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-27	22	Total Recoverable	Water	200.7 Rev 4.4	813641
500-266421-28	22&D	Total Recoverable	Water	200.7 Rev 4.4	813641
500-266421-29	23	Total Recoverable	Water	200.7 Rev 4.4	813641
500-266421-33	49	Total Recoverable	Water	200.7 Rev 4.4	813641
500-266421-34	50	Total Recoverable	Water	200.7 Rev 4.4	813641
500-266421-35	51	Total Recoverable	Water	200.7 Rev 4.4	813641
MB 500-813641/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	813641

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Metals (Continued)

Analysis Batch: 814615 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-813641/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	813641
500-266421-34 MS	50	Total Recoverable	Water	200.7 Rev 4.4	813641
500-266421-34 MSD	50	Total Recoverable	Water	200.7 Rev 4.4	813641
500-266421-34 DU	50	Total Recoverable	Water	200.7 Rev 4.4	813641

General Chemistry

Analysis Batch: 813186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-17	34	Total/NA	Water	300.0	
500-266421-18	35	Total/NA	Water	300.0	
MB 500-813186/3	Method Blank	Total/NA	Water	300.0	
LCS 500-813186/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 813239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total/NA	Water	300.0	
500-266421-14	27	Total/NA	Water	300.0	
500-266421-15	27_FD	Total/NA	Water	300.0	
500-266421-16	32	Total/NA	Water	300.0	
MB 500-813239/3	Method Blank	Total/NA	Water	300.0	
LCS 500-813239/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 813278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total/NA	Water	SM 4500 F C	
500-266421-14	27	Total/NA	Water	SM 4500 F C	
500-266421-15	27_FD	Total/NA	Water	SM 4500 F C	
500-266421-16	32	Total/NA	Water	SM 4500 F C	
500-266421-17	34	Total/NA	Water	SM 4500 F C	
500-266421-18	35	Total/NA	Water	SM 4500 F C	
MB 500-813278/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-813278/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-266421-14 MS	27	Total/NA	Water	SM 4500 F C	
500-266421-14 MSD	27	Total/NA	Water	SM 4500 F C	

Analysis Batch: 813355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total/NA	Water	SM 2540C	
500-266421-14	27	Total/NA	Water	SM 2540C	
500-266421-15	27_FD	Total/NA	Water	SM 2540C	
500-266421-16	32	Total/NA	Water	SM 2540C	
500-266421-17	34	Total/NA	Water	SM 2540C	
500-266421-18	35	Total/NA	Water	SM 2540C	
MB 500-813355/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-813355/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 813420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-18	35	Total/NA	Water	300.0	
500-266421-27	22	Total/NA	Water	300.0	

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

General Chemistry (Continued)

Analysis Batch: 813420 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-28	22&D	Total/NA	Water	300.0	
500-266421-29	23	Total/NA	Water	300.0	
500-266421-33	49	Total/NA	Water	300.0	
MB 500-813420/3	Method Blank	Total/NA	Water	300.0	
LCS 500-813420/4	Lab Control Sample	Total/NA	Water	300.0	
500-266421-29 MS	23	Dissolved	Water	300.0	
500-266421-29 MSD	23	Dissolved	Water	300.0	

Analysis Batch: 813422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-34	50	Total/NA	Water	300.0	
500-266421-35	51	Total/NA	Water	300.0	
MB 500-813422/3	Method Blank	Total/NA	Water	300.0	
LCS 500-813422/4	Lab Control Sample	Total/NA	Water	300.0	
500-266421-34 MS	50	Total/NA	Water	300.0	
500-266421-34 MSD	50	Total/NA	Water	300.0	

Analysis Batch: 813470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total/NA	Water	SM 2320B	
500-266421-14	27	Total/NA	Water	SM 2320B	
500-266421-15	27_FD	Total/NA	Water	SM 2320B	
500-266421-16	32	Total/NA	Water	SM 2320B	
500-266421-17	34	Total/NA	Water	SM 2320B	
500-266421-18	35	Total/NA	Water	SM 2320B	
MB 500-813470/28	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-813470/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 813481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-27	22	Total/NA	Water	SM 2320B	
500-266421-28	22&D	Total/NA	Water	SM 2320B	
500-266421-29	23	Total/NA	Water	SM 2320B	
500-266421-33	49	Total/NA	Water	SM 2320B	
500-266421-34	50	Total/NA	Water	SM 2320B	
500-266421-35	51	Total/NA	Water	SM 2320B	
MB 500-813481/28	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-813481/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 813658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-27	22	Total/NA	Water	SM 2540C	
500-266421-28	22&D	Total/NA	Water	SM 2540C	
500-266421-29	23	Total/NA	Water	SM 2540C	
MB 500-813658/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-813658/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 813659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-33	49	Total/NA	Water	SM 2540C	
500-266421-34	50	Total/NA	Water	SM 2540C	

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QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Job ID: 500-266421-10
SDG: HEN_845_804

General Chemistry (Continued)

Analysis Batch: 813659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-35	51	Total/NA	Water	SM 2540C	
MB 500-813659/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-813659/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-266421-34 MS	50	Total/NA	Water	SM 2540C	
500-266421-34 MSD	50	Total/NA	Water	SM 2540C	
500-266421-35 DU	51	Total/NA	Water	SM 2540C	

Analysis Batch: 813832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-27	22	Total/NA	Water	SM 4500 F C	
500-266421-28	22&D	Total/NA	Water	SM 4500 F C	
500-266421-29	23	Total/NA	Water	SM 4500 F C	
MB 500-813832/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-813832/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 814732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-33	49	Total/NA	Water	SM 4500 F C	
500-266421-34	50	Total/NA	Water	SM 4500 F C	
500-266421-35	51	Total/NA	Water	SM 4500 F C	
MB 500-814732/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-814732/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-266421-34 MS	50	Total/NA	Water	SM 4500 F C	
500-266421-34 MSD	50	Total/NA	Water	SM 4500 F C	

Field Service / Mobile Lab

Analysis Batch: 814664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-13	21R	Total/NA	Water	Field Sampling	
500-266421-14	27	Total/NA	Water	Field Sampling	
500-266421-15	27_FD	Total/NA	Water	Field Sampling	
500-266421-16	32	Total/NA	Water	Field Sampling	
500-266421-17	34	Total/NA	Water	Field Sampling	
500-266421-18	35	Total/NA	Water	Field Sampling	
500-266421-27	22	Total/NA	Water	Field Sampling	
500-266421-28	22&D	Total/NA	Water	Field Sampling	
500-266421-29	23	Total/NA	Water	Field Sampling	
500-266421-33	49	Total/NA	Water	Field Sampling	
500-266421-34	50	Total/NA	Water	Field Sampling	
500-266421-35	51	Total/NA	Water	Field Sampling	
500-266421-46	YSG_ILRIVER (SG02)	Total/NA	Water	Field Sampling	

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 500-813096/1-A
Matrix: Water
Analysis Batch: 813363

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813096

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		04/09/25 15:52	04/10/25 12:45	1

Lab Sample ID: LCS 500-813096/2-A
Matrix: Water
Analysis Batch: 813363

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813096

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.250	0.252		mg/L		101	85 - 115

Lab Sample ID: MB 500-813299/1-A
Matrix: Water
Analysis Batch: 813540

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		04/10/25 08:28	04/11/25 18:21	1

Lab Sample ID: LCS 500-813299/2-A
Matrix: Water
Analysis Batch: 813540

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.250	0.268		mg/L		107	85 - 115

Lab Sample ID: MB 500-813641/1-A
Matrix: Water
Analysis Batch: 814615

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813641

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		04/14/25 15:32	04/21/25 16:19	1

Lab Sample ID: LCS 500-813641/2-A
Matrix: Water
Analysis Batch: 814615

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813641

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.250	0.223		mg/L		89	85 - 115

Lab Sample ID: 500-266421-34 MS
Matrix: Water
Analysis Batch: 814615

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813641

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.031		0.250	0.301		mg/L		108	70 - 130

Lab Sample ID: 500-266421-34 MSD
Matrix: Water
Analysis Batch: 814615

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813641

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.031		0.250	0.299		mg/L		107	70 - 130	1	20

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: 500-266421-34 DU
Matrix: Water
Analysis Batch: 814615

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813641

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lithium	0.031		0.0317		mg/L		2	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-813106/1-A
Matrix: Water
Analysis Batch: 813532

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813106

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/09/25 17:00	04/11/25 18:12	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/09/25 17:00	04/11/25 18:12	1
Barium	<0.0025		0.0025	0.00073	mg/L		04/09/25 17:00	04/11/25 18:12	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 17:00	04/11/25 18:12	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/09/25 17:00	04/11/25 18:12	1
Calcium	<0.20		0.20	0.044	mg/L		04/09/25 17:00	04/11/25 18:12	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 17:00	04/11/25 18:12	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/09/25 17:00	04/11/25 18:12	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/09/25 17:00	04/11/25 18:12	1
Magnesium	<0.20		0.20	0.049	mg/L		04/09/25 17:00	04/11/25 18:12	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/09/25 17:00	04/11/25 18:12	1
Potassium	<0.50		0.50	0.11	mg/L		04/09/25 17:00	04/11/25 18:12	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/09/25 17:00	04/11/25 18:12	1
Sodium	<0.20		0.20	0.077	mg/L		04/09/25 17:00	04/11/25 18:12	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 17:00	04/11/25 18:12	1

Lab Sample ID: MB 500-813106/1-A
Matrix: Water
Analysis Batch: 813699

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813106

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050	0.013	mg/L		04/09/25 17:00	04/14/25 14:37	1

Lab Sample ID: LCS 500-813106/2-A
Matrix: Water
Analysis Batch: 813532

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813106

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.496		mg/L		99	80 - 120
Arsenic	0.100	0.0950		mg/L		95	80 - 120
Barium	0.500	0.494		mg/L		99	80 - 120
Beryllium	0.0500	0.0484		mg/L		97	80 - 120
Cadmium	0.0500	0.0485		mg/L		97	80 - 120
Calcium	10.0	8.22		mg/L		82	80 - 120
Chromium	0.200	0.194		mg/L		97	80 - 120
Cobalt	0.500	0.518		mg/L		104	80 - 120
Lead	0.100	0.0976		mg/L		98	80 - 120
Magnesium	10.0	10.1		mg/L		101	80 - 120
Molybdenum	1.00	0.973		mg/L		97	80 - 120
Potassium	10.0	10.2		mg/L		102	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

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

Lab Sample ID: LCS 500-813106/2-A
Matrix: Water
Analysis Batch: 813532

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813106

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.0963		mg/L		96	80 - 120
Sodium	10.0	10.1		mg/L		101	80 - 120
Thallium	0.100	0.0974		mg/L		97	80 - 120

Lab Sample ID: LCS 500-813106/2-A
Matrix: Water
Analysis Batch: 813699

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813106

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.999		mg/L		100	80 - 120

Lab Sample ID: MB 500-813161/1-A
Matrix: Water
Analysis Batch: 813699

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813161

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/10/25 08:23	04/14/25 17:35	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/10/25 08:23	04/14/25 17:35	1
Barium	<0.0025		0.0025	0.00073	mg/L		04/10/25 08:23	04/14/25 17:35	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/10/25 08:23	04/14/25 17:35	1
Boron	0.0137 J		0.050	0.013	mg/L		04/10/25 08:23	04/14/25 17:35	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/10/25 08:23	04/14/25 17:35	1
Calcium	0.188 J		0.20	0.044	mg/L		04/10/25 08:23	04/14/25 17:35	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/10/25 08:23	04/14/25 17:35	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/10/25 08:23	04/14/25 17:35	1
Lead	0.000384 J		0.00050	0.00019	mg/L		04/10/25 08:23	04/14/25 17:35	1
Magnesium	<0.20		0.20	0.049	mg/L		04/10/25 08:23	04/14/25 17:35	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/10/25 08:23	04/14/25 17:35	1
Potassium	<0.50		0.50	0.11	mg/L		04/10/25 08:23	04/14/25 17:35	1
Selenium	0.00116 J		0.0025	0.00098	mg/L		04/10/25 08:23	04/14/25 17:35	1
Sodium	<0.20		0.20	0.077	mg/L		04/10/25 08:23	04/14/25 17:35	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/10/25 08:23	04/14/25 17:35	1

Lab Sample ID: LCS 500-813161/2-A
Matrix: Water
Analysis Batch: 813699

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813161

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.547		mg/L		109	80 - 120
Arsenic	0.100	0.108		mg/L		108	80 - 120
Barium	0.500	0.552		mg/L		110	80 - 120
Beryllium	0.0500	0.0470		mg/L		94	80 - 120
Boron	1.00	0.979		mg/L		98	80 - 120
Cadmium	0.0500	0.0517		mg/L		103	80 - 120
Calcium	10.0	9.30		mg/L		93	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Cobalt	0.500	0.506		mg/L		101	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Magnesium	10.0	10.6		mg/L		106	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
Job ID: 500-266421-10
SDG: HEN_845_804

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

Lab Sample ID: LCS 500-813161/2-A
Matrix: Water
Analysis Batch: 813699

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813161

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Molybdenum	1.00	1.03		mg/L		103	80 - 120
Potassium	10.0	10.9		mg/L		109	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Sodium	10.0	10.5		mg/L		105	80 - 120
Thallium	0.100	0.0942		mg/L		94	80 - 120

Lab Sample ID: MB 500-813344/1-A
Matrix: Water
Analysis Batch: 814048

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/11/25 08:33	04/16/25 14:31	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/11/25 08:33	04/16/25 14:31	1
Barium	<0.0025		0.0025	0.00073	mg/L		04/11/25 08:33	04/16/25 14:31	1
Boron	<0.050		0.050	0.013	mg/L		04/11/25 08:33	04/16/25 14:31	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/11/25 08:33	04/16/25 14:31	1
Calcium	<0.20		0.20	0.044	mg/L		04/11/25 08:33	04/16/25 14:31	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/11/25 08:33	04/16/25 14:31	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/11/25 08:33	04/16/25 14:31	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/11/25 08:33	04/16/25 14:31	1
Magnesium	<0.20		0.20	0.049	mg/L		04/11/25 08:33	04/16/25 14:31	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/11/25 08:33	04/16/25 14:31	1
Potassium	<0.50		0.50	0.11	mg/L		04/11/25 08:33	04/16/25 14:31	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/11/25 08:33	04/16/25 14:31	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/11/25 08:33	04/16/25 14:31	1

Lab Sample ID: MB 500-813344/1-A
Matrix: Water
Analysis Batch: 814224

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/11/25 08:33	04/17/25 13:10	1
Sodium	<0.20		0.20	0.077	mg/L		04/11/25 08:33	04/17/25 13:10	1

Lab Sample ID: LCS 500-813344/2-A
Matrix: Water
Analysis Batch: 814048

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.547		mg/L		109	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.500	0.537		mg/L		107	80 - 120
Boron	1.00	0.943		mg/L		94	80 - 120
Cadmium	0.0500	0.0517		mg/L		103	80 - 120
Calcium	10.0	9.32		mg/L		93	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Cobalt	0.500	0.510		mg/L		102	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Magnesium	10.0	11.0		mg/L		110	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

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

Lab Sample ID: LCS 500-813344/2-A
Matrix: Water
Analysis Batch: 814048

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Molybdenum	1.00	1.05		mg/L		105	80 - 120
Potassium	10.0	11.0		mg/L		110	80 - 120
Selenium	0.100	0.0979		mg/L		98	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: LCS 500-813344/2-A
Matrix: Water
Analysis Batch: 814224

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0502		mg/L		100	80 - 120
Sodium	10.0	10.5		mg/L		105	80 - 120

Lab Sample ID: MB 500-813347/1-A
Matrix: Water
Analysis Batch: 813862

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/11/25 08:41	04/15/25 13:57	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/11/25 08:41	04/15/25 13:57	1
Barium	<0.0025		0.0025	0.00073	mg/L		04/11/25 08:41	04/15/25 13:57	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/11/25 08:41	04/15/25 13:57	1
Boron	<0.050		0.050	0.013	mg/L		04/11/25 08:41	04/15/25 13:57	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/11/25 08:41	04/15/25 13:57	1
Calcium	<0.20		0.20	0.044	mg/L		04/11/25 08:41	04/15/25 13:57	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/11/25 08:41	04/15/25 13:57	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/11/25 08:41	04/15/25 13:57	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/11/25 08:41	04/15/25 13:57	1
Magnesium	<0.20		0.20	0.049	mg/L		04/11/25 08:41	04/15/25 13:57	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/11/25 08:41	04/15/25 13:57	1
Potassium	<0.50		0.50	0.11	mg/L		04/11/25 08:41	04/15/25 13:57	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/11/25 08:41	04/15/25 13:57	1
Sodium	<0.20		0.20	0.077	mg/L		04/11/25 08:41	04/15/25 13:57	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/11/25 08:41	04/15/25 13:57	1

Lab Sample ID: LCS 500-813347/2-A
Matrix: Water
Analysis Batch: 813862

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813347

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	0.0976		mg/L		98	80 - 120
Barium	0.500	0.497		mg/L		99	80 - 120
Beryllium	0.0500	0.0509		mg/L		102	80 - 120
Boron	1.00	0.994		mg/L		99	80 - 120
Cadmium	0.0500	0.0499		mg/L		100	80 - 120
Calcium	10.0	8.85		mg/L		88	80 - 120
Chromium	0.200	0.196		mg/L		98	80 - 120
Cobalt	0.500	0.520		mg/L		104	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

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

Lab Sample ID: LCS 500-813347/2-A
Matrix: Water
Analysis Batch: 813862

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0979		mg/L		98	80 - 120
Magnesium	10.0	10.4		mg/L		104	80 - 120
Molybdenum	1.00	0.997		mg/L		100	80 - 120
Potassium	10.0	10.4		mg/L		104	80 - 120
Selenium	0.100	0.0985		mg/L		98	80 - 120
Sodium	10.0	10.1		mg/L		101	80 - 120
Thallium	0.100	0.0954		mg/L		95	80 - 120

Lab Sample ID: 500-266421-34 MS
Matrix: Water
Analysis Batch: 813862

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.509		mg/L		102	75 - 125
Arsenic	0.00070	J	0.100	0.0969		mg/L		96	75 - 125
Barium	0.054		0.500	0.528		mg/L		95	75 - 125
Beryllium	<0.0010		0.0500	0.0486		mg/L		97	75 - 125
Cadmium	0.0012		0.0500	0.0490		mg/L		96	75 - 125
Calcium	95		10.0	106	4	mg/L		108	75 - 125
Chromium	<0.0050		0.200	0.185		mg/L		93	75 - 125
Cobalt	0.0026		0.500	0.483		mg/L		96	75 - 125
Lead	<0.00050		0.100	0.0949		mg/L		95	75 - 125
Magnesium	22		10.0	31.3		mg/L		93	75 - 125
Molybdenum	0.072		1.00	1.05		mg/L		98	75 - 125
Potassium	8.1		10.0	17.6		mg/L		95	75 - 125
Selenium	<0.0025		0.100	0.0961		mg/L		96	75 - 125
Sodium	54		10.0	63.8	4	mg/L		96	75 - 125
Thallium	<0.0020		0.100	0.0932		mg/L		93	75 - 125

Lab Sample ID: 500-266421-34 MS
Matrix: Water
Analysis Batch: 814224

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	2.8		1.00	4.01		mg/L		116	75 - 125

Lab Sample ID: 500-266421-34 MSD
Matrix: Water
Analysis Batch: 813862

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	<0.0030		0.500	0.504		mg/L		101	75 - 125	1	20
Arsenic	0.00070	J	0.100	0.0959		mg/L		95	75 - 125	1	20
Barium	0.054		0.500	0.524		mg/L		94	75 - 125	1	20
Beryllium	<0.0010		0.0500	0.0481		mg/L		96	75 - 125	1	20
Cadmium	0.0012		0.0500	0.0487		mg/L		95	75 - 125	1	20
Calcium	95		10.0	104	4	mg/L		87	75 - 125	2	20
Chromium	<0.0050		0.200	0.181		mg/L		91	75 - 125	2	20
Cobalt	0.0026		0.500	0.479		mg/L		95	75 - 125	1	20

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

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

Lab Sample ID: 500-266421-34 MSD
Matrix: Water
Analysis Batch: 813862

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	<0.00050		0.100	0.0938		mg/L		94	75 - 125	1	20
Magnesium	22		10.0	31.3		mg/L		93	75 - 125	0	20
Molybdenum	0.072		1.00	1.04		mg/L		96	75 - 125	1	20
Potassium	8.1		10.0	17.4		mg/L		92	75 - 125	1	20
Selenium	<0.0025		0.100	0.0919		mg/L		92	75 - 125	4	20
Sodium	54		10.0	62.9	4	mg/L		87	75 - 125	1	20
Thallium	<0.0020		0.100	0.0924		mg/L		92	75 - 125	1	20

Lab Sample ID: 500-266421-34 MSD
Matrix: Water
Analysis Batch: 814224

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	2.8		1.00	3.99		mg/L		115	75 - 125	0	20

Lab Sample ID: 500-266421-34 DU
Matrix: Water
Analysis Batch: 814048

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813347

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Calcium	100		99.9		mg/L		0.9	20
Sodium	57		56.8		mg/L		0.3	20

Lab Sample ID: 500-266421-34 DU
Matrix: Water
Analysis Batch: 814224

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813347

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	2.8		2.95		mg/L		4	20

Lab Sample ID: 500-266421-34 DU
Matrix: Water
Analysis Batch: 813862

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813432

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.00070	J	0.000639	J	mg/L		9	20
Barium	0.054		0.0549		mg/L		1	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Boron	2.8		2.83		mg/L		0.4	20
Cadmium	0.0012		0.00127		mg/L		3	20
Calcium	95		94.6		mg/L		0.3	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	0.0026		0.00270		mg/L		2	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Magnesium	22		22.1		mg/L		0.4	20
Molybdenum	0.072		0.0712		mg/L		1	20
Potassium	8.1		8.19		mg/L		0.6	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Sodium	54		54.5		mg/L		0.5	20

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

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

Lab Sample ID: 500-266421-34 DU
Matrix: Water
Analysis Batch: 813862

Client Sample ID: 50
Prep Type: Total Recoverable
Prep Batch: 813432

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Thallium	<0.0020		<0.0020		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-813252/12-A
Matrix: Water
Analysis Batch: 813413

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 813252

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/10/25 14:55	04/11/25 10:25	1

Lab Sample ID: LCS 500-813252/13-A
Matrix: Water
Analysis Batch: 813413

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 813252

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

Lab Sample ID: MB 500-813431/12-A
Matrix: Water
Analysis Batch: 813587

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 813431

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/11/25 14:20	04/14/25 09:26	1

Lab Sample ID: LCS 500-813431/13-A
Matrix: Water
Analysis Batch: 813587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 813431

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00199		mg/L		100	80 - 120

Lab Sample ID: MB 500-813432/12-A
Matrix: Water
Analysis Batch: 813587

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 813432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/11/25 14:20	04/14/25 10:30	1

Lab Sample ID: LCS 500-813432/13-A
Matrix: Water
Analysis Batch: 813587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 813432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00196		mg/L		98	80 - 120

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

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

Lab Sample ID: 500-266421-34 MS
Matrix: Water
Analysis Batch: 813587

Client Sample ID: 50
Prep Type: Total/NA
Prep Batch: 813432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000984		mg/L		98	75 - 125

Lab Sample ID: 500-266421-34 MSD
Matrix: Water
Analysis Batch: 813587

Client Sample ID: 50
Prep Type: Total/NA
Prep Batch: 813432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000976		mg/L		98	75 - 125	1	20

Lab Sample ID: 500-266421-34 DU
Matrix: Water
Analysis Batch: 813587

Client Sample ID: 50
Prep Type: Total/NA
Prep Batch: 813432

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-813186/3
Matrix: Water
Analysis Batch: 813186

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			04/10/25 18:54	1
Sulfate	<1.0		1.0	0.47	mg/L			04/10/25 18:54	1

Lab Sample ID: LCS 500-813186/4
Matrix: Water
Analysis Batch: 813186

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.5		mg/L		98	90 - 110
Sulfate	20.0	20.6		mg/L		103	90 - 110

Lab Sample ID: MB 500-813239/3
Matrix: Water
Analysis Batch: 813239

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			04/11/25 08:18	1
Sulfate	<1.0		1.0	0.47	mg/L			04/11/25 08:18	1

Lab Sample ID: LCS 500-813239/4
Matrix: Water
Analysis Batch: 813239

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	106		mg/L		106	90 - 110
Sulfate	100	108		mg/L		108	90 - 110

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 500-813420/3
Matrix: Water
Analysis Batch: 813420

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			04/12/25 08:11	1
Sulfate	<1.0		1.0	0.47	mg/L			04/12/25 08:11	1

Lab Sample ID: LCS 500-813420/4
Matrix: Water
Analysis Batch: 813420

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.9		mg/L		100	90 - 110
Sulfate	20.0	19.7		mg/L		98	90 - 110

Lab Sample ID: MB 500-813422/3
Matrix: Water
Analysis Batch: 813422

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			04/12/25 14:46	1
Sulfate	<1.0		1.0	0.47	mg/L			04/12/25 14:46	1

Lab Sample ID: LCS 500-813422/4
Matrix: Water
Analysis Batch: 813422

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.8		mg/L		99	90 - 110
Sulfate	20.0	19.8		mg/L		99	90 - 110

Lab Sample ID: 500-266421-34 MS
Matrix: Water
Analysis Batch: 813422

Client Sample ID: 50
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	82		50.0	141		mg/L		116	80 - 120
Sulfate	150		50.0	202		mg/L		111	80 - 120

Lab Sample ID: 500-266421-34 MSD
Matrix: Water
Analysis Batch: 813422

Client Sample ID: 50
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	82		50.0	140		mg/L		116	80 - 120	0	20
Sulfate	150		50.0	201		mg/L		110	80 - 120	0	20

Lab Sample ID: 500-266421-29 MS
Matrix: Water
Analysis Batch: 813420

Client Sample ID: 23
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	56		100	160		mg/L		103	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 500-266421-29 MSD
Matrix: Water
Analysis Batch: 813420

Client Sample ID: 23
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	56		100	159		mg/L		103	80 - 120	0	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 500-813470/28
Matrix: Water
Analysis Batch: 813470

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			04/10/25 13:55	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			04/10/25 13:55	1

Lab Sample ID: LCS 500-813470/4
Matrix: Water
Analysis Batch: 813470

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	100	103		mg/L		103	80 - 120

Lab Sample ID: MB 500-813481/28
Matrix: Water
Analysis Batch: 813481

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	4.05	J	5.0	3.7	mg/L			04/13/25 14:19	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			04/13/25 14:19	1

Lab Sample ID: LCS 500-813481/4
Matrix: Water
Analysis Batch: 813481

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

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

Lab Sample ID: MB 500-813355/1
Matrix: Water
Analysis Batch: 813355

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			04/11/25 04:19	1

Lab Sample ID: LCS 500-813355/2
Matrix: Water
Analysis Batch: 813355

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	238		mg/L		95	80 - 120

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

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

Lab Sample ID: MB 500-813658/1
Matrix: Water
Analysis Batch: 813658

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			04/15/25 01:41	1

Lab Sample ID: LCS 500-813658/2
Matrix: Water
Analysis Batch: 813658

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	266		mg/L		106	80 - 120

Lab Sample ID: MB 500-813659/1
Matrix: Water
Analysis Batch: 813659

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			04/15/25 03:04	1

Lab Sample ID: LCS 500-813659/2
Matrix: Water
Analysis Batch: 813659

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

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

Lab Sample ID: 500-266421-34 MS
Matrix: Water
Analysis Batch: 813659

Client Sample ID: 50
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	550		250	826		mg/L		111	75 - 125

Lab Sample ID: 500-266421-34 MSD
Matrix: Water
Analysis Batch: 813659

Client Sample ID: 50
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	550		250	846		mg/L		119	75 - 125	2	20

Lab Sample ID: 500-266421-35 DU
Matrix: Water
Analysis Batch: 813659

Client Sample ID: 51
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	640		608		mg/L		5	5

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-813278/31
Matrix: Water
Analysis Batch: 813278

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			04/10/25 15:21	1

Lab Sample ID: LCS 500-813278/32
Matrix: Water
Analysis Batch: 813278

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	9.60		mg/L		96	90 - 119

Lab Sample ID: 500-266421-14 MS
Matrix: Water
Analysis Batch: 813278

Client Sample ID: 27
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.12		5.00	5.33		mg/L		104	75 - 125

Lab Sample ID: 500-266421-14 MSD
Matrix: Water
Analysis Batch: 813278

Client Sample ID: 27
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.12		5.00	5.33		mg/L		104	75 - 125	0	20

Lab Sample ID: MB 500-813832/3
Matrix: Water
Analysis Batch: 813832

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			04/15/25 14:01	1

Lab Sample ID: LCS 500-813832/4
Matrix: Water
Analysis Batch: 813832

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	9.91		mg/L		99	90 - 119

Lab Sample ID: MB 500-814732/3
Matrix: Water
Analysis Batch: 814732

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			04/22/25 12:50	1

Lab Sample ID: LCS 500-814732/4
Matrix: Water
Analysis Batch: 814732

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	9.70		mg/L		97	90 - 119

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Method: SM 4500 F C - Fluoride

Lab Sample ID: 500-266421-34 MS
Matrix: Water
Analysis Batch: 814732

Client Sample ID: 50
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	0.18		5.00	5.41		mg/L		105	75 - 125		

Lab Sample ID: 500-266421-34 MSD
Matrix: Water
Analysis Batch: 814732

Client Sample ID: 50
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.18		5.00	5.38		mg/L		104	75 - 125	1	20

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 21R

Date Collected: 04/08/25 14:30

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813096	S1Z	EET CHI	04/09/25 15:52 - 04/09/25 21:52 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	813363	SJ	EET CHI	04/10/25 13:52
Total Recoverable	Prep	3005A			813106	S1Z	EET CHI	04/09/25 17:00 - 04/09/25 23:00 ¹
Total Recoverable	Analysis	6020B		1	813532	RN	EET CHI	04/11/25 18:29
Total Recoverable	Prep	3005A			813106	S1Z	EET CHI	04/09/25 17:00 - 04/09/25 23:00 ¹
Total Recoverable	Analysis	6020B		1	813699	RN	EET CHI	04/14/25 14:57
Total/NA	Prep	7470A			813252	MJG	EET CHI	04/10/25 14:55 - 04/10/25 16:55 ¹
Total/NA	Analysis	7470A		1	813413	MJG	EET CHI	04/11/25 11:26
Total/NA	Analysis	300.0		5	813239	MB	EET CHI	04/12/25 01:41
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 12:40
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 05:00
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 15:30
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 14:30

Client Sample ID: 27

Date Collected: 04/08/25 16:00

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813096	S1Z	EET CHI	04/09/25 15:52 - 04/09/25 21:52 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	813363	SJ	EET CHI	04/10/25 13:56
Total Recoverable	Prep	3005A			813106	S1Z	EET CHI	04/09/25 17:00 - 04/09/25 23:00 ¹
Total Recoverable	Analysis	6020B		1	813532	RN	EET CHI	04/11/25 18:34
Total Recoverable	Prep	3005A			813106	S1Z	EET CHI	04/09/25 17:00 - 04/09/25 23:00 ¹
Total Recoverable	Analysis	6020B		1	813699	RN	EET CHI	04/14/25 15:11
Total/NA	Prep	7470A			813252	MJG	EET CHI	04/10/25 14:55 - 04/10/25 16:55 ¹
Total/NA	Analysis	7470A		1	813413	MJG	EET CHI	04/11/25 11:28
Total/NA	Analysis	300.0		5	813239	MB	EET CHI	04/12/25 01:56
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 12:50
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 05:02
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 15:34
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 16:00

Client Sample ID: 27_FD

Date Collected: 04/08/25 16:05

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813096	S1Z	EET CHI	04/09/25 15:52 - 04/09/25 21:52 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	813363	SJ	EET CHI	04/10/25 14:10
Total Recoverable	Prep	3005A			813161	BDE	EET CHI	04/10/25 08:23 - 04/10/25 14:23 ¹
Total Recoverable	Analysis	6020B		1	813699	RN	EET CHI	04/14/25 17:39
Total/NA	Prep	7470A			813431	MJG	EET CHI	04/11/25 14:20 - 04/11/25 16:20 ¹
Total/NA	Analysis	7470A		1	813587	MJG	EET CHI	04/14/25 09:32

Eurofins Chicago

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 27_FD

Date Collected: 04/08/25 16:05

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		5	813239	MB	EET CHI	04/12/25 02:11
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 13:00
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 05:05
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 15:52
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 16:05

Client Sample ID: 32

Date Collected: 04/08/25 10:55

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813299	BDE	EET CHI	04/10/25 08:28 - 04/10/25 14:28 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	813540	SJ	EET CHI	04/11/25 19:15
Total Recoverable	Prep	3005A			813161	BDE	EET CHI	04/10/25 08:23 - 04/10/25 14:23 ¹
Total Recoverable	Analysis	6020B		1	813699	RN	EET CHI	04/14/25 17:44
Total/NA	Prep	7470A			813431	MJG	EET CHI	04/11/25 14:20 - 04/11/25 16:20 ¹
Total/NA	Analysis	7470A		1	813587	MJG	EET CHI	04/14/25 09:35
Total/NA	Analysis	300.0		10	813239	MB	EET CHI	04/12/25 02:27
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 13:11
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 05:08
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 15:56
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 10:55

Client Sample ID: 34

Date Collected: 04/08/25 13:20

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813299	BDE	EET CHI	04/10/25 08:28 - 04/10/25 14:28 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	813540	SJ	EET CHI	04/11/25 19:19
Total Recoverable	Prep	3005A			813161	BDE	EET CHI	04/10/25 08:23 - 04/10/25 14:23 ¹
Total Recoverable	Analysis	6020B		1	813699	RN	EET CHI	04/14/25 17:49
Total/NA	Prep	7470A			813431	MJG	EET CHI	04/11/25 14:20 - 04/11/25 16:20 ¹
Total/NA	Analysis	7470A		1	813587	MJG	EET CHI	04/14/25 09:37
Total/NA	Analysis	300.0		5	813186	MM	EET CHI	04/10/25 20:04
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 13:24
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 05:10
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 16:01
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 13:20

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 35

Date Collected: 04/08/25 12:00

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813299	BDE	EET CHI	04/10/25 08:28 - 04/10/25 14:28 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	813540	SJ	EET CHI	04/11/25 19:32
Total Recoverable	Prep	3005A			813161	BDE	EET CHI	04/10/25 08:23 - 04/10/25 14:23 ¹
Total Recoverable	Analysis	6020B		1	813699	RN	EET CHI	04/14/25 17:54
Total Recoverable	Prep	3005A			813161	BDE	EET CHI	04/10/25 08:23 - 04/10/25 14:23 ¹
Total Recoverable	Analysis	6020B		5	813861	RN	EET CHI	04/15/25 12:51
Total/NA	Prep	7470A			813431	MJG	EET CHI	04/11/25 14:20 - 04/11/25 16:20 ¹
Total/NA	Analysis	7470A		1	813587	MJG	EET CHI	04/14/25 09:39
Total/NA	Analysis	300.0		1	813186	MM	EET CHI	04/10/25 20:15
Total/NA	Analysis	300.0		20	813420	NMB	EET CHI	04/12/25 08:35
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 13:35
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 05:13
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 16:05
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 12:00

Client Sample ID: 22

Date Collected: 04/09/25 14:40

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813641	S1Z	EET CHI	04/14/25 15:32 - 04/14/25 21:32 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814615	SJ	EET CHI	04/21/25 17:28
Total Recoverable	Prep	3005A			813344	BDE	EET CHI	04/11/25 08:33 - 04/11/25 14:33 ¹
Total Recoverable	Analysis	6020B		1	814048	RN	EET CHI	04/16/25 15:02
Total Recoverable	Prep	3005A			813344	BDE	EET CHI	04/11/25 08:33 - 04/11/25 14:33 ¹
Total Recoverable	Analysis	6020B		1	814224	RN	EET CHI	04/17/25 13:42
Total/NA	Prep	7470A			813431	MJG	EET CHI	04/11/25 14:20 - 04/11/25 16:20 ¹
Total/NA	Analysis	7470A		1	813587	MJG	EET CHI	04/14/25 10:26
Total/NA	Analysis	300.0		5	813420	NMB	EET CHI	04/12/25 10:31
Total/NA	Analysis	SM 2320B		1	813481	AC	EET CHI	04/13/25 11:05
Total/NA	Analysis	SM 2540C		1	813658	CLB	EET CHI	04/15/25 02:32
Total/NA	Analysis	SM 4500 F C		1	813832	AC	EET CHI	04/15/25 15:44
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/09/25 14:40

Client Sample ID: 22&D

Date Collected: 04/09/25 13:25

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813641	S1Z	EET CHI	04/14/25 15:32 - 04/14/25 21:32 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814615	SJ	EET CHI	04/21/25 17:33
Total Recoverable	Prep	3005A			813344	BDE	EET CHI	04/11/25 08:33 - 04/11/25 14:33 ¹
Total Recoverable	Analysis	6020B		1	814048	RN	EET CHI	04/16/25 15:05

Eurofins Chicago

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 22&D

Date Collected: 04/09/25 13:25

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			813344	BDE	EET CHI	04/11/25 08:33 - 04/11/25 14:33 ¹
Total Recoverable	Analysis	6020B		1	814224	RN	EET CHI	04/17/25 13:44
Total/NA	Prep	7470A			813431	MJG	EET CHI	04/11/25 14:20 - 04/11/25 16:20 ¹
Total/NA	Analysis	7470A		1	813587	MJG	EET CHI	04/14/25 10:28
Total/NA	Analysis	300.0		5	813420	NMB	EET CHI	04/12/25 10:43
Total/NA	Analysis	SM 2320B		1	813481	AC	EET CHI	04/13/25 11:16
Total/NA	Analysis	SM 2540C		1	813658	CLB	EET CHI	04/15/25 02:35
Total/NA	Analysis	SM 4500 F C		1	813832	AC	EET CHI	04/15/25 15:48
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/09/25 13:25

Client Sample ID: 23

Date Collected: 04/09/25 12:45

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813641	S1Z	EET CHI	04/14/25 15:32 - 04/14/25 21:32 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814615	SJ	EET CHI	04/21/25 17:37
Total Recoverable	Prep	3005A			813344	BDE	EET CHI	04/11/25 08:33 - 04/11/25 14:33 ¹
Total Recoverable	Analysis	6020B		1	814048	RN	EET CHI	04/16/25 15:07
Total Recoverable	Prep	3005A			813344	BDE	EET CHI	04/11/25 08:33 - 04/11/25 14:33 ¹
Total Recoverable	Analysis	6020B		5	814224	RN	EET CHI	04/17/25 13:46
Total/NA	Prep	7470A			813432	MJG	EET CHI	04/11/25 14:20 - 04/11/25 16:20 ¹
Total/NA	Analysis	7470A		1	813587	MJG	EET CHI	04/14/25 10:34
Total/NA	Analysis	300.0		10	813420	NMB	EET CHI	04/12/25 10:54
Total/NA	Analysis	SM 2320B		1	813481	AC	EET CHI	04/13/25 11:26
Total/NA	Analysis	SM 2540C		1	813658	CLB	EET CHI	04/15/25 02:37
Total/NA	Analysis	SM 4500 F C		1	813832	AC	EET CHI	04/15/25 15:53
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/09/25 12:45

Client Sample ID: 49

Date Collected: 04/09/25 10:10

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-33

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813641	S1Z	EET CHI	04/14/25 15:32 - 04/14/25 21:32 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814615	SJ	EET CHI	04/21/25 17:55
Total Recoverable	Prep	3005A			813344	BDE	EET CHI	04/11/25 08:33 - 04/11/25 14:33 ¹
Total Recoverable	Analysis	6020B		1	814048	RN	EET CHI	04/16/25 15:22
Total Recoverable	Prep	3005A			813344	BDE	EET CHI	04/11/25 08:33 - 04/11/25 14:33 ¹
Total Recoverable	Analysis	6020B		1	814224	RN	EET CHI	04/17/25 14:01
Total/NA	Prep	7470A			813432	MJG	EET CHI	04/11/25 14:20 - 04/11/25 16:20 ¹
Total/NA	Analysis	7470A		1	813587	MJG	EET CHI	04/14/25 10:47
Total/NA	Analysis	300.0		5	813420	NMB	EET CHI	04/12/25 11:40
Total/NA	Analysis	SM 2320B		1	813481	AC	EET CHI	04/13/25 12:10

Eurofins Chicago

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Job ID: 500-266421-10
SDG: HEN_845_804

Client Sample ID: 49

Lab Sample ID: 500-266421-33

Date Collected: 04/09/25 10:10

Matrix: Water

Date Received: 04/10/25 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540C		1	813659	CLB	EET CHI	04/15/25 03:14
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 13:23
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/09/25 10:10

Client Sample ID: 50

Lab Sample ID: 500-266421-34

Date Collected: 04/09/25 11:05

Matrix: Water

Date Received: 04/10/25 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813641	S1Z	EET CHI	04/14/25 15:32 - 04/14/25 21:32 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814615	SJ	EET CHI	04/21/25 18:00
Total Recoverable	Prep	3005A			813347	BDE	EET CHI	04/11/25 08:41 - 04/11/25 14:41 ¹
Total Recoverable	Analysis	6020B		1	813862	RN	EET CHI	04/15/25 16:01
Total Recoverable	Prep	3005A			813347	BDE	EET CHI	04/11/25 08:41 - 04/11/25 14:41 ¹
Total Recoverable	Analysis	6020B		1	814048	RN	EET CHI	04/16/25 12:00
Total Recoverable	Prep	3005A			813347	BDE	EET CHI	04/11/25 08:41 - 04/11/25 14:41 ¹
Total Recoverable	Analysis	6020B		1	814224	RN	EET CHI	04/17/25 12:26
Total/NA	Prep	7470A			813432	MJG	EET CHI	04/11/25 14:20 - 04/11/25 16:20 ¹
Total/NA	Analysis	7470A		1	813587	MJG	EET CHI	04/14/25 10:50
Total/NA	Analysis	300.0		5	813422	NMB	EET CHI	04/12/25 15:33
Total/NA	Analysis	SM 2320B		1	813481	AC	EET CHI	04/13/25 12:20
Total/NA	Analysis	SM 2540C		1	813659	CLB	EET CHI	04/15/25 03:16
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 13:36
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/09/25 11:05

Client Sample ID: 51

Lab Sample ID: 500-266421-35

Date Collected: 04/09/25 09:20

Matrix: Water

Date Received: 04/10/25 12:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			813641	S1Z	EET CHI	04/14/25 15:32 - 04/14/25 21:32 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814615	SJ	EET CHI	04/21/25 18:48
Total Recoverable	Prep	3005A			813347	BDE	EET CHI	04/11/25 08:41 - 04/11/25 14:41 ¹
Total Recoverable	Analysis	6020B		1	813862	RN	EET CHI	04/15/25 16:18
Total Recoverable	Prep	3005A			813347	BDE	EET CHI	04/11/25 08:41 - 04/11/25 14:41 ¹
Total Recoverable	Analysis	6020B		1	814048	RN	EET CHI	04/16/25 12:17
Total Recoverable	Prep	3005A			813347	BDE	EET CHI	04/11/25 08:41 - 04/11/25 14:41 ¹
Total Recoverable	Analysis	6020B		1	814224	RN	EET CHI	04/17/25 12:38
Total/NA	Prep	7470A			813432	MJG	EET CHI	04/11/25 14:20 - 04/11/25 16:20 ¹
Total/NA	Analysis	7470A		1	813587	MJG	EET CHI	04/14/25 10:59
Total/NA	Analysis	300.0		5	813422	NMB	EET CHI	04/12/25 16:08
Total/NA	Analysis	SM 2320B		1	813481	AC	EET CHI	04/13/25 12:30
Total/NA	Analysis	SM 2540C		1	813659	CLB	EET CHI	04/15/25 03:24
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 13:46

Eurofins Chicago

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
SDG: HEN_845_804

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 51

Date Collected: 04/09/25 09:20

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/09/25 09:20

Client Sample ID: YSG_ILRIVER (SG02)

Date Collected: 04/07/25 10:53

Date Received: 04/08/25 20:07

Lab Sample ID: 500-266421-46

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/07/25 10:53

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, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
Q4 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Job ID: 500-266421-10
JPH-845-804
SDG: HEN_845_804

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	04-22-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.7 Rev 4.4	200.7	Water	Lithium
Field Sampling		Water	Depth to Water (ft from MP)
Field Sampling		Water	Field pH
Field Sampling		Water	Field Temperature
Field Sampling		Water	Oxidation Reduction Potential
Field Sampling		Water	Oxygen, Dissolved
Field Sampling		Water	Specific Conductance
Field Sampling		Water	Turbidity
SM 2320B		Water	Bicarbonate Alkalinity as CaCO ₃
SM 2320B		Water	Carbonate Alkalinity as CaCO ₃

Page 1 of 3

REGULATORY AGENCY		
GROUND WATER		DRINKING WATER
RCRA	OTHER	
Location		
STATE	IL	

1.6+2.2, 1.7+2.3

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

Page 2 of 3

$$1.4 + 2.2, 1.7 + 2.3$$

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information		Section B Required Project Information		Section C Invoice Information		Page 3 of 3	
Company: Vistra Corp Hennepin		Report To: Brian Voelker		Attend on: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL STATE:	
Address: 13498 E 800th St		Copy To: Jason Stuckey & Michael Olle		Company Name: Vistra Corp			
Hennepin, IL 61327				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		Profile #			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINK WATER DW WATER WT WASTE WATER VW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		HEN-000	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		4	DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS		
HEN-25Q2 Rev 0		A3E George Admally		4/8/25	0900		N.J. Ellin		4/8/25	0912			
		N.J. Ellin		4/8/25	1211		Stephanie Hernandez		4/8/25	1111			
SAMPLER NAME AND SIGNATURE													
PRINT Name of SAMPLER George Admally													
SIGNATURE of SAMPLER [Signature]													
DATE Signed (MM/DD/YY) 3/8/25													
Temp n C													
Returned on Ice (Y/N)													
Custody Sealed Cooler (Y/N)													
Samples Intact (Y/N)													

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

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05/01/25

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Samplers/date are the same as on page 1. dbn 04/09/2025

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

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Sampler is same as relinquished by. dbn 04/10/2025

4.1 → 4.4

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

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

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$$3.8+4.1, 3.4+3.7, 2.3+2.6, 4.9+5.2$$

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

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05/01/25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266421-10

SDG Number: HEN_845_804

Login Number: 266421

List Number: 1

Creator: Hernandez, Stephanie

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	2.2,2.3,2.4,3.3,1.9,2.4,2.0,3.4,4.4,4.1,3.7,2.6,5.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

ANALYTICAL REPORT

PREPARED FOR

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

Generated 05/19/25 10:34:36

JOB DESCRIPTION

HEN-25Q2
HEN_000_RAD

JOB NUMBER

500-266421-2

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
05/19/25 10:34:36

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 2, 2025
HENEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project: HEN-25Q2

Job ID: 500-266421-2

Job ID: 500-266421-2

Eurofins Chicago

Job Narrative 500-266421-2

Receipt

The samples were received on 4/8/2025 12:11 PM, 4/8/2025 8:07 PM, 4/9/2025 11:58 AM, 4/10/2025 11:23 AM and 4/10/2025 12:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 13 coolers at receipt time were 1.9°C, 2.0°C, 2.2°C, 2.3°C, 2.4°C, 2.4°C, 2.6°C, 3.3°C, 3.4°C, 3.7°C, 4.1°C, 4.4°C and 5.2°C.

Receipt Exceptions

40#S (500-266421-19) : COC is checked off for HEN_000_RAD however no Rad containers received. This was an error during COC creation. 40#S does not require Radium analysis per SAR. COC corrected.

The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC) " 34". Logged sample date/time per container labels (4/8 1320). Confirmed via well development form.

Gas Flow Proportional Counter

Method 904.0: Radium-228 batch 712640

The LCS recovered at (126%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-712640/2-A)

Method 904.0: Radium-228 batch 712407

The matrix spike duplicate (MSD) recoveries for preparation batch 160-712407 and analytical batch 160-717682 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Rad

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

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Detection Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin ID: 500-266421-2
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 03R	Lab Sample ID: 500-266421-1
No Detections.	
Client Sample ID: 18#S	Lab Sample ID: 500-266421-3
No Detections.	
Client Sample ID: 18#S_FD	Lab Sample ID: 500-266421-5
No Detections.	
Client Sample ID: 07	Lab Sample ID: 500-266421-8
No Detections.	
Client Sample ID: 07_FD	Lab Sample ID: 500-266421-9
No Detections.	
Client Sample ID: 08	Lab Sample ID: 500-266421-10
No Detections.	
Client Sample ID: 08&D	Lab Sample ID: 500-266421-11
No Detections.	
Client Sample ID: 18&D	Lab Sample ID: 500-266421-12
No Detections.	
Client Sample ID: 21R	Lab Sample ID: 500-266421-13
No Detections.	
Client Sample ID: 27	Lab Sample ID: 500-266421-14
No Detections.	
Client Sample ID: 27_FD	Lab Sample ID: 500-266421-15
No Detections.	
Client Sample ID: 32	Lab Sample ID: 500-266421-16
No Detections.	
Client Sample ID: 34	Lab Sample ID: 500-266421-17
No Detections.	
Client Sample ID: 35	Lab Sample ID: 500-266421-18
No Detections.	
Client Sample ID: 45#S	Lab Sample ID: 500-266421-20
No Detections.	
Client Sample ID: 16	Lab Sample ID: 500-266421-21
No Detections.	

This Detection Summary does not include radiochemical test results.

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Detection Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin ID: 500-266421-2
Hennepin ID: 500-266421-504
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 17	Lab Sample ID: 500-266421-22
No Detections.	
Client Sample ID: FB	Lab Sample ID: 500-266421-23
No Detections.	
Client Sample ID: 12	Lab Sample ID: 500-266421-25
No Detections.	
Client Sample ID: 13	Lab Sample ID: 500-266421-26
No Detections.	
Client Sample ID: 22	Lab Sample ID: 500-266421-27
No Detections.	
Client Sample ID: 22&D	Lab Sample ID: 500-266421-28
No Detections.	
Client Sample ID: 23	Lab Sample ID: 500-266421-29
No Detections.	
Client Sample ID: 46	Lab Sample ID: 500-266421-30
No Detections.	
Client Sample ID: 46_FD	Lab Sample ID: 500-266421-31
No Detections.	
Client Sample ID: 47	Lab Sample ID: 500-266421-32
No Detections.	
Client Sample ID: 49	Lab Sample ID: 500-266421-33
No Detections.	
Client Sample ID: 50	Lab Sample ID: 500-266421-34
No Detections.	
Client Sample ID: 51	Lab Sample ID: 500-266421-35
No Detections.	
Client Sample ID: 52	Lab Sample ID: 500-266421-36
No Detections.	
Client Sample ID: 54	Lab Sample ID: 500-266421-37
No Detections.	

This Detection Summary does not include radiochemical test results.

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Method Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HDD-500-266421-2
HDD-504
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Method	Method Description	Protocol	Laboratory
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
Pos			
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Lab ID: 500-266421-2
HNN-45-804
SDG: HEN_000_RAD

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-266421-1	03R	Water	04/07/25 16:15	04/08/25 12:11
500-266421-3	18#S	Water	04/07/25 15:45	04/08/25 12:11
500-266421-5	18#S_FD	Water	04/07/25 16:05	04/08/25 12:11
500-266421-8	07	Water	04/08/25 08:50	04/09/25 11:58
500-266421-9	07_FD	Water	04/08/25 08:55	04/09/25 11:58
500-266421-10	08	Water	04/08/25 15:15	04/09/25 11:58
500-266421-11	08&D	Water	04/08/25 16:20	04/09/25 11:58
500-266421-12	18&D	Water	04/08/25 09:20	04/09/25 11:58
500-266421-13	21R	Water	04/08/25 14:30	04/09/25 11:58
500-266421-14	27	Water	04/08/25 16:00	04/09/25 11:58
500-266421-15	27_FD	Water	04/08/25 16:05	04/09/25 11:58
500-266421-16	32	Water	04/08/25 10:55	04/09/25 11:58
500-266421-17	34	Water	04/08/25 13:20	04/09/25 11:58
500-266421-18	35	Water	04/08/25 12:00	04/09/25 11:58
500-266421-20	45#S	Water	04/08/25 10:15	04/09/25 11:58
500-266421-21	16	Water	04/10/25 08:10	04/10/25 11:23
500-266421-22	17	Water	04/10/25 08:30	04/10/25 11:23
500-266421-23	FB	Water	04/10/25 08:55	04/10/25 11:23
500-266421-25	12	Water	04/09/25 08:40	04/10/25 12:05
500-266421-26	13	Water	04/09/25 09:50	04/10/25 12:05
500-266421-27	22	Water	04/09/25 14:40	04/10/25 12:05
500-266421-28	22&D	Water	04/09/25 13:25	04/10/25 12:05
500-266421-29	23	Water	04/09/25 12:45	04/10/25 12:05
500-266421-30	46	Water	04/09/25 12:40	04/10/25 12:05
500-266421-31	46_FD	Water	04/09/25 13:00	04/10/25 12:05
500-266421-32	47	Water	04/09/25 13:45	04/10/25 12:05
500-266421-33	49	Water	04/09/25 10:10	04/10/25 12:05
500-266421-34	50	Water	04/09/25 11:05	04/10/25 12:05
500-266421-35	51	Water	04/09/25 09:20	04/10/25 12:05
500-266421-36	52	Water	04/09/25 14:45	04/10/25 12:05
500-266421-37	54	Water	04/09/25 11:00	04/10/25 12:05

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin ID: 500-266421-2
SDG: HEN_000_RAD

Client Sample ID: 03R

Lab Sample ID: 500-266421-1

Date Collected: 04/07/25 16:15

Matrix: Water

Date Received: 04/08/25 12:11

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	-0.0665	U	0.159	0.160	1.00	0.364	pCi/L	04/10/25 07:39	05/07/25 14:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.3		30 - 110					04/10/25 07:39	05/07/25 14:18	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	0.358	U	0.333	0.335	1.00	0.528	pCi/L	04/10/25 07:43	05/07/25 09:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.3		30 - 110					04/10/25 07:43	05/07/25 09:44	1
Y Carrier	81.1		30 - 110					04/10/25 07:43	05/07/25 09:44	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	0.358	U	0.369	0.371	5.00	0.528	pCi/L		05/15/25 17:41	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin
Lab ID: 500-266421-2
SDG: HEN_000_RAD

Client Sample ID: 18#S

Lab Sample ID: 500-266421-3

Date Collected: 04/07/25 15:45

Matrix: Water

Date Received: 04/08/25 12:11

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	0.315	U	0.273	0.275	1.00	0.412	pCi/L	04/10/25 07:39	05/07/25 14:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.0		30 - 110					04/10/25 07:39	05/07/25 14:18	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	0.163	U	0.365	0.366	1.00	0.645	pCi/L	04/10/25 07:43	05/07/25 09:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.0		30 - 110					04/10/25 07:43	05/07/25 09:44	1
Y Carrier	76.6		30 - 110					04/10/25 07:43	05/07/25 09:44	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	0.478	U	0.456	0.458	5.00	0.645	pCi/L		05/15/25 17:41	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin ID: 500-266421-2
SDG: HEN_000_RAD

Client Sample ID: 18#S_FD

Lab Sample ID: 500-266421-5

Date Collected: 04/07/25 16:05

Matrix: Water

Date Received: 04/08/25 12:11

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	-0.0311	U	0.155	0.155	1.00	0.337	pCi/L	04/10/25 07:35	05/07/25 18:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					04/10/25 07:35	05/07/25 18:34	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	-0.00482	U	0.328	0.328	1.00	0.612	pCi/L	04/10/25 07:37	05/07/25 12:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					04/10/25 07:37	05/07/25 12:22	1
Y Carrier	80.4		30 - 110					04/10/25 07:37	05/07/25 12:22	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.000	U	0.363	0.363	5.00	0.612	pCi/L		05/09/25 16:25	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin
Lab ID: 500-266421-2
SDG: HEN_000_RAD

Client Sample ID: 07

Lab Sample ID: 500-266421-8

Date Collected: 04/08/25 08:50

Matrix: Water

Date Received: 04/09/25 11:58

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	0.163	U	0.205	0.206	1.00	0.341	pCi/L	04/15/25 07:42	05/15/25 14:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.2		30 - 110					04/15/25 07:42	05/15/25 14:23	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	0.535	U	0.383	0.386	1.00	0.580	pCi/L	04/15/25 07:45	05/15/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.2		30 - 110					04/15/25 07:45	05/15/25 09:42	1
Y Carrier	74.4		30 - 110					04/15/25 07:45	05/15/25 09:42	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	0.697		0.434	0.438	5.00	0.580	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin ID: 500-266421-2
SDG: HEN_000_RAD

Client Sample ID: 07_FD

Lab Sample ID: 500-266421-9

Date Collected: 04/08/25 08:55

Matrix: Water

Date Received: 04/09/25 11:58

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	-0.0416	U	0.160	0.160	1.00	0.347	pCi/L	04/15/25 07:42	05/15/25 14:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.2		30 - 110					04/15/25 07:42	05/15/25 14:24	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	0.393	U	0.370	0.372	1.00	0.592	pCi/L	04/15/25 07:45	05/15/25 09:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.2		30 - 110					04/15/25 07:45	05/15/25 09:39	1
Y Carrier	77.8		30 - 110					04/15/25 07:45	05/15/25 09:39	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	0.393	U	0.403	0.405	5.00	0.592	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 08

Lab Sample ID: 500-266421-10

Date Collected: 04/08/25 15:15

Matrix: Water

Date Received: 04/09/25 11:58

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	0.414		0.241	0.244	1.00	0.299	pCi/L	04/15/25 07:42	05/15/25 14:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					04/15/25 07:42	05/15/25 14:24	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	0.326	U	0.348	0.349	1.00	0.564	pCi/L	04/15/25 07:45	05/15/25 09:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					04/15/25 07:45	05/15/25 09:39	1
Y Carrier	74.0		30 - 110					04/15/25 07:45	05/15/25 09:39	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	0.740		0.423	0.426	5.00	0.564	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 08&D

Lab Sample ID: 500-266421-11

Date Collected: 04/08/25 16:20

Matrix: Water

Date Received: 04/09/25 11:58

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	0.0352	U	0.169	0.169	1.00	0.333	pCi/L	04/15/25 07:42	05/15/25 14:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.4		30 - 110					04/15/25 07:42	05/15/25 14:24	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	0.452	U	0.389	0.392	1.00	0.613	pCi/L	04/15/25 07:45	05/15/25 09:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.4		30 - 110					04/15/25 07:45	05/15/25 09:39	1
Y Carrier	74.8		30 - 110					04/15/25 07:45	05/15/25 09:39	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	0.487	U	0.424	0.427	5.00	0.613	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 18&D

Lab Sample ID: 500-266421-12

Date Collected: 04/08/25 09:20

Matrix: Water

Date Received: 04/09/25 11:58

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	0.219	U	0.194	0.195	1.00	0.287	pCi/L	04/15/25 07:42	05/15/25 14:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					04/15/25 07:42	05/15/25 14:24	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	-0.133	U	0.294	0.294	1.00	0.584	pCi/L	04/15/25 07:45	05/15/25 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					04/15/25 07:45	05/15/25 09:40	1
Y Carrier	76.6		30 - 110					04/15/25 07:45	05/15/25 09:40	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	0.219	U	0.352	0.353	5.00	0.584	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
HENDL-504
SDG: HEN_000_RAD

Client Sample ID: 21R

Lab Sample ID: 500-266421-13

Date Collected: 04/08/25 14:30

Matrix: Water

Date Received: 04/09/25 11:58

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	0.705		0.285	0.292	1.00	0.258	pCi/L	04/15/25 07:42	05/15/25 14:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					04/15/25 07:42	05/15/25 14:24	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.212	U	0.361	0.361	1.00	0.619	pCi/L	04/15/25 07:45	05/15/25 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					04/15/25 07:45	05/15/25 09:40	1
Y Carrier	71.8		30 - 110					04/15/25 07:45	05/15/25 09:40	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	0.917		0.460	0.464	5.00	0.619	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 27

Lab Sample ID: 500-266421-14

Date Collected: 04/08/25 16:00

Matrix: Water

Date Received: 04/09/25 11:58

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.138	U	0.177	0.177	1.00	0.294	pCi/L	04/15/25 07:42	05/15/25 14:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					04/15/25 07:42	05/15/25 14:36	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.352	U	0.325	0.326	1.00	0.516	pCi/L	04/15/25 07:45	05/15/25 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					04/15/25 07:45	05/15/25 09:40	1
Y Carrier	84.1		30 - 110					04/15/25 07:45	05/15/25 09:40	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	0.490	U	0.370	0.371	5.00	0.516	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Henn 45-804
SDG: HEN_000_RAD

Client Sample ID: 27_FD

Lab Sample ID: 500-266421-15

Date Collected: 04/08/25 16:05

Matrix: Water

Date Received: 04/09/25 11:58

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	0.0478	U	0.164	0.164	1.00	0.316	pCi/L	04/15/25 07:42	05/15/25 14:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.9		30 - 110					04/15/25 07:42	05/15/25 14:36	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.295	U	0.331	0.332	1.00	0.541	pCi/L	04/15/25 07:45	05/15/25 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.9		30 - 110					04/15/25 07:45	05/15/25 09:40	1
Y Carrier	78.5		30 - 110					04/15/25 07:45	05/15/25 09:40	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	0.343	U	0.369	0.370	5.00	0.541	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 32

Lab Sample ID: 500-266421-16

Date Collected: 04/08/25 10:55

Matrix: Water

Date Received: 04/09/25 11:58

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	0.130	U	0.203	0.203	1.00	0.351	pCi/L	04/15/25 07:42	05/15/25 14:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					04/15/25 07:42	05/15/25 14:36	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.582		0.336	0.340	1.00	0.471	pCi/L	04/15/25 07:45	05/15/25 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					04/15/25 07:45	05/15/25 09:40	1
Y Carrier	81.5		30 - 110					04/15/25 07:45	05/15/25 09:40	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	0.712		0.393	0.396	5.00	0.471	pCi/L		05/19/25 10:11	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin ID: 500-266421-2
SDG: HEN_000_RAD

Client Sample ID: 34

Lab Sample ID: 500-266421-17

Date Collected: 04/08/25 13:20

Matrix: Water

Date Received: 04/09/25 11:58

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	0.177	U	0.237	0.238	1.00	0.398	pCi/L	04/15/25 07:42	05/15/25 14:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					04/15/25 07:42	05/15/25 14:36	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.567	U	0.412	0.416	1.00	0.633	pCi/L	04/15/25 07:45	05/15/25 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					04/15/25 07:45	05/15/25 09:40	1
Y Carrier	76.6		30 - 110					04/15/25 07:45	05/15/25 09:40	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	0.744		0.475	0.479	5.00	0.633	pCi/L		05/19/25 10:11	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Henn 45-804
SDG: HEN_000_RAD

Client Sample ID: 35

Lab Sample ID: 500-266421-18

Date Collected: 04/08/25 12:00

Matrix: Water

Date Received: 04/09/25 11:58

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	0.0329	U	0.208	0.208	1.00	0.401	pCi/L	04/15/25 07:42	05/15/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					04/15/25 07:42	05/15/25 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	0.475	U	0.460	0.463	1.00	0.740	pCi/L	04/15/25 07:45	05/15/25 09:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					04/15/25 07:45	05/15/25 09:44	1
Y Carrier	75.1		30 - 110					04/15/25 07:45	05/15/25 09:44	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	0.508	U	0.505	0.508	5.00	0.740	pCi/L		05/19/25 10:11	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
HID: 500-266421-2
SDG: HEN_000_RAD

Client Sample ID: 45#S

Lab Sample ID: 500-266421-20

Date Collected: 04/08/25 10:15

Matrix: Water

Date Received: 04/09/25 11:58

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	0.126	U	0.208	0.208	1.00	0.361	pCi/L	04/15/25 07:42	05/15/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					04/15/25 07:42	05/15/25 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	0.214	U	0.367	0.368	1.00	0.629	pCi/L	04/15/25 07:45	05/15/25 09:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					04/15/25 07:45	05/15/25 09:43	1
Y Carrier	76.6		30 - 110					04/15/25 07:45	05/15/25 09:43	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	0.340	U	0.422	0.423	5.00	0.629	pCi/L		05/19/25 10:11	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin ID: 500-266421-2
SDG: HEN_000_RAD

Client Sample ID: 16

Lab Sample ID: 500-266421-21

Date Collected: 04/10/25 08:10

Matrix: Water

Date Received: 04/10/25 11:23

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	0.0559	U	0.181	0.182	1.00	0.344	pCi/L	04/15/25 07:37	05/13/25 13:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					04/15/25 07:37	05/13/25 13:56	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	0.367	U	0.391	0.392	1.00	0.635	pCi/L	04/15/25 07:41	05/13/25 09:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					04/15/25 07:41	05/13/25 09:46	1
Y Carrier	75.1		30 - 110					04/15/25 07:41	05/13/25 09:46	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	0.423	U	0.431	0.432	5.00	0.635	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 17

Lab Sample ID: 500-266421-22

Date Collected: 04/10/25 08:30

Matrix: Water

Date Received: 04/10/25 11:23

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	-0.132	U	0.155	0.155	1.00	0.380	pCi/L	04/15/25 07:42	05/15/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					04/15/25 07:42	05/15/25 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	1.17		0.508	0.519	1.00	0.685	pCi/L	04/15/25 07:45	05/15/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					04/15/25 07:45	05/15/25 09:42	1
Y Carrier	75.5		30 - 110					04/15/25 07:45	05/15/25 09:42	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	1.17		0.531	0.542	5.00	0.685	pCi/L		05/19/25 10:11	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: FB

Lab Sample ID: 500-266421-23

Date Collected: 04/10/25 08:55

Matrix: Water

Date Received: 04/10/25 11:23

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	0.0332	U	0.153	0.153	1.00	0.302	pCi/L	04/15/25 07:42	05/15/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					04/15/25 07:42	05/15/25 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	0.695		0.453	0.457	1.00	0.681	pCi/L	04/15/25 07:45	05/15/25 09:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					04/15/25 07:45	05/15/25 09:44	1
Y Carrier	76.6		30 - 110					04/15/25 07:45	05/15/25 09:44	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	0.729		0.478	0.482	5.00	0.681	pCi/L		05/19/25 10:11	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
HENDL-504
SDG: HEN_000_RAD

Client Sample ID: 12

Lab Sample ID: 500-266421-25

Date Collected: 04/09/25 08:40

Matrix: Water

Date Received: 04/10/25 12:05

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	0.0366	U	0.158	0.158	1.00	0.310	pCi/L	04/15/25 07:42	05/15/25 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					04/15/25 07:42	05/15/25 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	0.424	U	0.381	0.383	1.00	0.603	pCi/L	04/15/25 07:45	05/15/25 09:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					04/15/25 07:45	05/15/25 09:26	1
Y Carrier	78.5		30 - 110					04/15/25 07:45	05/15/25 09:26	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	0.460	U	0.412	0.414	5.00	0.603	pCi/L		05/19/25 10:11	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 13

Lab Sample ID: 500-266421-26

Date Collected: 04/09/25 09:50

Matrix: Water

Date Received: 04/10/25 12:05

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	0.166	U	0.201	0.201	1.00	0.329	pCi/L	04/15/25 07:37	05/13/25 13:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					04/15/25 07:37	05/13/25 13:57	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	0.250	U	0.323	0.324	1.00	0.538	pCi/L	04/15/25 07:41	05/13/25 09:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					04/15/25 07:41	05/13/25 09:46	1
Y Carrier	79.6		30 - 110					04/15/25 07:41	05/13/25 09:46	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	0.416	U	0.380	0.381	5.00	0.538	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
HEND-504
SDG: HEN_000_RAD

Client Sample ID: 22

Lab Sample ID: 500-266421-27

Date Collected: 04/09/25 14:40

Matrix: Water

Date Received: 04/10/25 12:05

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	U	0.249	0.250	1.00	0.401	pCi/L	04/15/25 07:37	05/13/25 13:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.4		30 - 110					04/15/25 07:37	05/13/25 13:57	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	0.490		0.312	0.315	1.00	0.453	pCi/L	04/15/25 07:41	05/13/25 09:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.4		30 - 110					04/15/25 07:41	05/13/25 09:46	1
Y Carrier	83.7		30 - 110					04/15/25 07:41	05/13/25 09:46	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	0.725		0.399	0.402	5.00	0.453	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Henn 45-804
SDG: HEN_000_RAD

Client Sample ID: 22&D

Lab Sample ID: 500-266421-28

Date Collected: 04/09/25 13:25

Matrix: Water

Date Received: 04/10/25 12:05

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	0.393		0.257	0.260	1.00	0.354	pCi/L	04/15/25 07:37	05/13/25 13:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					04/15/25 07:37	05/13/25 13:57	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	0.602		0.365	0.369	1.00	0.528	pCi/L	04/15/25 07:41	05/13/25 09:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					04/15/25 07:41	05/13/25 09:46	1
Y Carrier	78.9		30 - 110					04/15/25 07:41	05/13/25 09:46	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	0.995		0.446	0.451	5.00	0.528	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 23

Lab Sample ID: 500-266421-29

Date Collected: 04/09/25 12:45

Matrix: Water

Date Received: 04/10/25 12:05

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	-0.0434	U	0.161	0.161	1.00	0.359	pCi/L	04/15/25 07:37	05/13/25 13:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					04/15/25 07:37	05/13/25 13:57	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	0.366	0.367	1.00	0.584	pCi/L	04/15/25 07:41	05/13/25 09:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					04/15/25 07:41	05/13/25 09:57	1
Y Carrier	80.7		30 - 110					04/15/25 07:41	05/13/25 09:57	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	0.382	U	0.400	0.401	5.00	0.584	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 46

Lab Sample ID: 500-266421-30

Date Collected: 04/09/25 12:40

Matrix: Water

Date Received: 04/10/25 12:05

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	0.0261	U	0.144	0.144	1.00	0.288	pCi/L	04/15/25 07:37	05/13/25 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.5		30 - 110					04/15/25 07:37	05/13/25 14:08	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	0.124	U	0.252	0.252	1.00	0.443	pCi/L	04/15/25 07:41	05/13/25 09:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.5		30 - 110					04/15/25 07:41	05/13/25 09:57	1
Y Carrier	79.6		30 - 110					04/15/25 07:41	05/13/25 09:57	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	0.150	U	0.290	0.290	5.00	0.443	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 46_FD

Lab Sample ID: 500-266421-31

Date Collected: 04/09/25 13:00

Matrix: Water

Date Received: 04/10/25 12:05

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	0.0975	U	0.184	0.184	1.00	0.329	pCi/L	04/15/25 07:37	05/13/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.9		30 - 110					04/15/25 07:37	05/13/25 14:09	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	-0.0857	U	0.316	0.316	1.00	0.610	pCi/L	04/15/25 07:41	05/13/25 09:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.9		30 - 110					04/15/25 07:41	05/13/25 09:58	1
Y Carrier	81.1		30 - 110					04/15/25 07:41	05/13/25 09:58	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	0.0975	U	0.366	0.366	5.00	0.610	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
HEND-504
SDG: HEN_000_RAD

Client Sample ID: 47

Lab Sample ID: 500-266421-32

Date Collected: 04/09/25 13:45

Matrix: Water

Date Received: 04/10/25 12:05

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	0.105	U	0.195	0.196	1.00	0.347	pCi/L	04/15/25 07:37	05/13/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					04/15/25 07:37	05/13/25 14:09	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	0.115	U	0.330	0.331	1.00	0.584	pCi/L	04/15/25 07:41	05/13/25 09:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					04/15/25 07:41	05/13/25 09:58	1
Y Carrier	80.7		30 - 110					04/15/25 07:41	05/13/25 09:58	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	0.220	U	0.383	0.385	5.00	0.584	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 49

Lab Sample ID: 500-266421-33

Date Collected: 04/09/25 10:10

Matrix: Water

Date Received: 04/10/25 12:05

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112	U	0.232	0.232	1.00	0.413	pCi/L	04/15/25 07:37	05/13/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					04/15/25 07:37	05/13/25 14:09	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	0.357	U	0.377	0.378	1.00	0.611	pCi/L	04/15/25 07:41	05/13/25 09:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					04/15/25 07:41	05/13/25 09:58	1
Y Carrier	77.0		30 - 110					04/15/25 07:41	05/13/25 09:58	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	0.469	U	0.443	0.444	5.00	0.611	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Client Sample ID: 50

Lab Sample ID: 500-266421-34

Date Collected: 04/09/25 11:05

Matrix: Water

Date Received: 04/10/25 12:05

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	0.183	U	0.211	0.211	1.00	0.342	pCi/L	04/16/25 07:48	05/14/25 16:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					04/16/25 07:48	05/14/25 16:02	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	0.187	U	0.353	0.353	1.00	0.610	pCi/L	04/16/25 07:52	05/14/25 09:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					04/16/25 07:52	05/14/25 09:58	1
Y Carrier	79.6		30 - 110					04/16/25 07:52	05/14/25 09:58	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	0.370	U	0.411	0.411	5.00	0.610	pCi/L		05/19/25 10:11	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
HID: 500-266421-2
SDG: HEN_000_RAD

Client Sample ID: 51

Lab Sample ID: 500-266421-35

Date Collected: 04/09/25 09:20

Matrix: Water

Date Received: 04/10/25 12:05

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	0.607		0.316	0.321	1.00	0.408	pCi/L	04/15/25 07:37	05/13/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					04/15/25 07:37	05/13/25 14:09	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	0.683		0.404	0.409	1.00	0.587	pCi/L	04/15/25 07:41	05/13/25 09:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					04/15/25 07:41	05/13/25 09:58	1
Y Carrier	78.1		30 - 110					04/15/25 07:41	05/13/25 09:58	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	1.29		0.513	0.520	5.00	0.587	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
Henn 45-804
SDG: HEN_000_RAD

Client Sample ID: 52

Lab Sample ID: 500-266421-36

Date Collected: 04/09/25 14:45

Matrix: Water

Date Received: 04/10/25 12:05

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	0.327	U	0.261	0.262	1.00	0.387	pCi/L	04/15/25 07:37	05/13/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					04/15/25 07:37	05/13/25 14:09	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	0.0642	U	0.335	0.335	1.00	0.608	pCi/L	04/15/25 07:41	05/13/25 09:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					04/15/25 07:41	05/13/25 09:58	1
Y Carrier	77.0		30 - 110					04/15/25 07:41	05/13/25 09:58	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	0.391	U	0.425	0.425	5.00	0.608	pCi/L		05/15/25 17:42	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
HNN-45-804
SDG: HEN_000_RAD

Client Sample ID: 54

Lab Sample ID: 500-266421-37

Date Collected: 04/09/25 11:00

Matrix: Water

Date Received: 04/10/25 12:05

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	-0.0123	U	0.155	0.155	1.00	0.335	pCi/L	04/15/25 07:37	05/13/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					04/15/25 07:37	05/13/25 14:09	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	0.654		0.430	0.434	1.00	0.639	pCi/L	04/15/25 07:41	05/13/25 09:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					04/15/25 07:41	05/13/25 09:58	1
Y Carrier	75.5		30 - 110					04/15/25 07:41	05/13/25 09:58	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	0.654		0.457	0.461	5.00	0.639	pCi/L		05/15/25 17:42	1

Definitions/Glossary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Report ID: 500-266421-2
Hennepin
SDG: HEN_000_RAD

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Job ID: 500-266421-2
HDD: 500-266421-2
SDG: HEN_000_RAD

Rad

Prep Batch: 711787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-5	18#S_FD	Total/NA	Water	PrecSep-21	
MB 160-711787/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-711787/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 711788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-5	18#S_FD	Total/NA	Water	PrecSep_0	
MB 160-711788/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-711788/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 711789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total/NA	Water	PrecSep-21	
500-266421-3	18#S	Total/NA	Water	PrecSep-21	
MB 160-711789/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-711789/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 711790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total/NA	Water	PrecSep_0	
500-266421-3	18#S	Total/NA	Water	PrecSep_0	
MB 160-711790/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-711790/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 712404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-21	16	Total/NA	Water	PrecSep-21	
500-266421-26	13	Total/NA	Water	PrecSep-21	
500-266421-27	22	Total/NA	Water	PrecSep-21	
500-266421-28	22&D	Total/NA	Water	PrecSep-21	
500-266421-29	23	Total/NA	Water	PrecSep-21	
500-266421-30	46	Total/NA	Water	PrecSep-21	
500-266421-31	46_FD	Total/NA	Water	PrecSep-21	
500-266421-32	47	Total/NA	Water	PrecSep-21	
500-266421-33	49	Total/NA	Water	PrecSep-21	
500-266421-35	51	Total/NA	Water	PrecSep-21	
500-266421-36	52	Total/NA	Water	PrecSep-21	
500-266421-37	54	Total/NA	Water	PrecSep-21	
MB 160-712404/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-712404/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-266421-21 MS	16	Total/NA	Water	PrecSep-21	
500-266421-21 MSD	16	Total/NA	Water	PrecSep-21	

Prep Batch: 712405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-21	16	Total/NA	Water	PrecSep_0	
500-266421-26	13	Total/NA	Water	PrecSep_0	
500-266421-27	22	Total/NA	Water	PrecSep_0	
500-266421-28	22&D	Total/NA	Water	PrecSep_0	
500-266421-29	23	Total/NA	Water	PrecSep_0	
500-266421-30	46	Total/NA	Water	PrecSep_0	

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QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Lab ID: 500-266421-2
SDG: HEN_000_RAD

Rad (Continued)

Prep Batch: 712405 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-31	46_FD	Total/NA	Water	PrecSep_0	
500-266421-32	47	Total/NA	Water	PrecSep_0	
500-266421-33	49	Total/NA	Water	PrecSep_0	
500-266421-35	51	Total/NA	Water	PrecSep_0	
500-266421-36	52	Total/NA	Water	PrecSep_0	
500-266421-37	54	Total/NA	Water	PrecSep_0	
MB 160-712405/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-712405/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-266421-21 MS	16	Total/NA	Water	PrecSep_0	
500-266421-21 MSD	16	Total/NA	Water	PrecSep_0	

Prep Batch: 712406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-8	07	Total/NA	Water	PrecSep-21	
500-266421-9	07_FD	Total/NA	Water	PrecSep-21	
500-266421-10	08	Total/NA	Water	PrecSep-21	
500-266421-11	08&D	Total/NA	Water	PrecSep-21	
500-266421-12	18&D	Total/NA	Water	PrecSep-21	
500-266421-13	21R	Total/NA	Water	PrecSep-21	
500-266421-14	27	Total/NA	Water	PrecSep-21	
500-266421-15	27_FD	Total/NA	Water	PrecSep-21	
500-266421-16	32	Total/NA	Water	PrecSep-21	
500-266421-17	34	Total/NA	Water	PrecSep-21	
500-266421-18	35	Total/NA	Water	PrecSep-21	
500-266421-20	45#S	Total/NA	Water	PrecSep-21	
500-266421-22	17	Total/NA	Water	PrecSep-21	
500-266421-23	FB	Total/NA	Water	PrecSep-21	
500-266421-25	12	Total/NA	Water	PrecSep-21	
MB 160-712406/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-712406/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 712407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-8	07	Total/NA	Water	PrecSep_0	
500-266421-9	07_FD	Total/NA	Water	PrecSep_0	
500-266421-10	08	Total/NA	Water	PrecSep_0	
500-266421-11	08&D	Total/NA	Water	PrecSep_0	
500-266421-12	18&D	Total/NA	Water	PrecSep_0	
500-266421-13	21R	Total/NA	Water	PrecSep_0	
500-266421-14	27	Total/NA	Water	PrecSep_0	
500-266421-15	27_FD	Total/NA	Water	PrecSep_0	
500-266421-16	32	Total/NA	Water	PrecSep_0	
500-266421-17	34	Total/NA	Water	PrecSep_0	
500-266421-18	35	Total/NA	Water	PrecSep_0	
500-266421-20	45#S	Total/NA	Water	PrecSep_0	
500-266421-22	17	Total/NA	Water	PrecSep_0	
500-266421-23	FB	Total/NA	Water	PrecSep_0	
500-266421-25	12	Total/NA	Water	PrecSep_0	
MB 160-712407/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-712407/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
H2024-804
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Rad

Prep Batch: 712639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-34	50	Total/NA	Water	PrecSep-21	
MB 160-712639/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-712639/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-266421-34 MS	50	Total/NA	Water	PrecSep-21	
500-266421-34 MSD	50	Total/NA	Water	PrecSep-21	

Prep Batch: 712640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-34	50	Total/NA	Water	PrecSep_0	
MB 160-712640/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-712640/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-266421-34 MS	50	Total/NA	Water	PrecSep_0	
500-266421-34 MSD	50	Total/NA	Water	PrecSep_0	

QC Sample Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HDD-500-266421-2
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-711787/1-A
Matrix: Water
Analysis Batch: 716362

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711787

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.09896	U	0.149	0.149	1.00	0.257	pCi/L	04/10/25 07:35	05/07/25 18:20	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					04/10/25 07:35	05/07/25 18:20	1

Lab Sample ID: LCS 160-711787/2-A
Matrix: Water
Analysis Batch: 716364

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711787

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	7.840		1.10	1.00	0.308	pCi/L	82	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	89.9		30 - 110							

Lab Sample ID: MB 160-711789/1-A
Matrix: Water
Analysis Batch: 716365

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711789

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.2519	U	0.244	0.245	1.00	0.381	pCi/L	04/10/25 07:39	05/07/25 13:25	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					04/10/25 07:39	05/07/25 13:25	1

Lab Sample ID: LCS 160-711789/2-A
Matrix: Water
Analysis Batch: 716365

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711789

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.450		1.29	1.00	0.424	pCi/L	99	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.4		30 - 110							

Lab Sample ID: MB 160-712404/1-A
Matrix: Water
Analysis Batch: 717331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712404

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.09754	U	0.195	0.195	1.00	0.349	pCi/L	04/15/25 07:37	05/13/25 13:56	1

Eurofins Chicago

QC Sample Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin ID: 500-266421-2
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-712404/1-A

Matrix: Water

Analysis Batch: 717331

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712404

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.2		30 - 110	04/15/25 07:37	05/13/25 13:56	1

Lab Sample ID: LCS 160-712404/2-A

Matrix: Water

Analysis Batch: 717331

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712404

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	8.674		1.18	1.00	0.313	pCi/L	91	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	90.7		30 - 110						

Lab Sample ID: 500-266421-21 MS

Matrix: Water

Analysis Batch: 717331

Client Sample ID: 16

Prep Type: Total/NA

Prep Batch: 712404

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	0.0559	U	9.55	8.753		1.19	1.00	0.342	pCi/L	91	60 - 140
Carrier	MS %Yield	MS Qualifier	Limits								
Ba Carrier	91.7		30 - 110								

Lab Sample ID: 500-266421-21 MSD

Matrix: Water

Analysis Batch: 717331

Client Sample ID: 16

Prep Type: Total/NA

Prep Batch: 712404

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	0.0559	U	9.54	9.844		1.32	1.00	0.359	pCi/L	103	60 - 140	0.43	1
Carrier	MSD %Yield	MSD Qualifier	Limits										
Ba Carrier	85.4		30 - 110										

Lab Sample ID: MB 160-712406/1-A

Matrix: Water

Analysis Batch: 717687

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712406

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.03353	U	0.158	0.158	1.00	0.314	pCi/L	04/15/25 07:42	05/15/25 14:21	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	83.6		30 - 110							

Eurofins Chicago

QC Sample Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin 500-266421-2
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-712406/2-A

Matrix: Water

Analysis Batch: 717687

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712406

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.266		1.14	1.00	0.326	pCi/L	86	75 - 125		
	LCS	LCS											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	92.7		30 - 110										

Lab Sample ID: MB 160-712639/1-A

Matrix: Water

Analysis Batch: 717539

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712639

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1603	U	0.178	0.178	1.00	0.284	pCi/L	04/16/25 07:48	05/14/25 15:55	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.2		30 - 110					04/16/25 07:48	05/14/25 15:55	1

Lab Sample ID: LCS 160-712639/2-A

Matrix: Water

Analysis Batch: 717539

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712639

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	9.535		1.26	1.00	0.325	pCi/L	100	75 - 125		
	LCS	LCS											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	88.6		30 - 110										

Lab Sample ID: 500-266421-34 MS

Matrix: Water

Analysis Batch: 717542

Client Sample ID: 50

Prep Type: Total/NA

Prep Batch: 712639

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.183	U	9.54	8.429		1.15	1.00	0.326	pCi/L	86	60 - 140		
	MS	MS											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	89.1		30 - 110										

Lab Sample ID: 500-266421-34 MSD

Matrix: Water

Analysis Batch: 717542

Client Sample ID: 50

Prep Type: Total/NA

Prep Batch: 712639

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	0.183	U	9.54	9.181		1.23	1.00	0.303	pCi/L	94	60 - 140	0.32	1

Eurofins Chicago

QC Sample Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin 500-266421-2
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 500-266421-34 MSD
Matrix: Water
Analysis Batch: 717542

Client Sample ID: 50
Prep Type: Total/NA
Prep Batch: 712639

	MSD	MSD	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	87.6		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-711788/1-A
Matrix: Water
Analysis Batch: 716364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711788

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.7298		0.444	0.449	1.00	0.649	pCi/L	04/10/25 07:37	05/07/25 12:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					04/10/25 07:37	05/07/25 12:22	1
Y Carrier	80.4		30 - 110					04/10/25 07:37	05/07/25 12:22	1

Lab Sample ID: LCS 160-711788/2-A
Matrix: Water
Analysis Batch: 716364

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711788

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.47	8.371		1.22	1.00	0.585	pCi/L	88	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	89.9		30 - 110						
Y Carrier	81.5		30 - 110						

Lab Sample ID: MB 160-711790/1-A
Matrix: Water
Analysis Batch: 716365

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711790

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3322	U	0.418	0.419	1.00	0.694	pCi/L	04/10/25 07:43	05/07/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					04/10/25 07:43	05/07/25 09:42	1
Y Carrier	75.9		30 - 110					04/10/25 07:43	05/07/25 09:42	1

Lab Sample ID: LCS 160-711790/2-A
Matrix: Water
Analysis Batch: 716365

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711790

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.47	10.19		1.39	1.00	0.551	pCi/L	108	75 - 125

Eurofins Chicago

QC Sample Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HDD-500-266421-2
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-711790/2-A

Matrix: Water

Analysis Batch: 716365

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 711790

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	87.4		30 - 110
Y Carrier	77.0		30 - 110

Lab Sample ID: MB 160-712405/1-A

Matrix: Water

Analysis Batch: 717329

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712405

		MB	MB	Count	Total						
Analyte	Result	Qualifier		Uncert.	Uncert.	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1268	U		0.323	0.323	1.00	0.569	pCi/L	04/15/25 07:41	05/13/25 09:45	1
				MB	MB						
Carrier	%Yield	Qualifier	Limits						Prepared	Analyzed	Dil Fac
Ba Carrier	90.2		30 - 110						04/15/25 07:41	05/13/25 09:45	1
Y Carrier	78.9		30 - 110						04/15/25 07:41	05/13/25 09:45	1

Lab Sample ID: LCS 160-712405/2-A

Matrix: Water

Analysis Batch: 717329

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712405

		Spike	LCS	LCS	Total						
Analyte	Result	Added	Result	Qual	Uncert.	RL	MDC	Unit	%Rec	Limits	
Radium-228		9.45	10.82		1.44	1.00	0.554	pCi/L	115	75 - 125	
				LCS	LCS						
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	90.7		30 - 110								
Y Carrier	78.5		30 - 110								

Lab Sample ID: 500-266421-21 MS

Matrix: Water

Analysis Batch: 717329

Client Sample ID: 16

Prep Type: Total/NA

Prep Batch: 712405

		Sample	Sample	Spike	MS	MS	Total					%Rec		
Analyte	Result	Qual		Added	Result	Qual	Uncert.	RL	MDC	Unit	%Rec	Limits		
Radium-228	0.367	U		9.42	10.29		1.37	1.00	0.536	pCi/L	105	60 - 140		
				MS	MS									
Carrier	%Yield	Qualifier	Limits											
Ba Carrier	91.7		30 - 110											
Y Carrier	83.0		30 - 110											

Lab Sample ID: 500-266421-21 MSD

Matrix: Water

Analysis Batch: 717329

Client Sample ID: 16

Prep Type: Total/NA

Prep Batch: 712405

		Sample	Sample	Spike	MSD	MSD	Total					%Rec	RER	Limit
Analyte	Result	Qual		Added	Result	Qual	Uncert.	RL	MDC	Unit	%Rec	Limits		
Radium-228	0.367	U		9.42	11.86		1.57	1.00	0.569	pCi/L	122	60 - 140	0.54	1

Eurofins Chicago

QC Sample Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 500-266421-21 MSD

Matrix: Water

Analysis Batch: 717329

Client Sample ID: 16

Prep Type: Total/NA

Prep Batch: 712405

	MSD	MSD	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	85.4		30 - 110
Y Carrier	77.8		30 - 110

Lab Sample ID: MB 160-712407/1-A

Matrix: Water

Analysis Batch: 717705

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712407

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1737	U	0.541	0.541	1.00	0.964	pCi/L	04/15/25 07:45	05/15/25 12:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					04/15/25 07:45	05/15/25 12:45	1
Y Carrier	77.8		30 - 110					04/15/25 07:45	05/15/25 12:45	1

Lab Sample ID: LCS 160-712407/2-A

Matrix: Water

Analysis Batch: 717682

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712407

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.44	10.51		1.37	1.00	0.482	pCi/L	111	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	92.7		30 - 110						
Y Carrier	81.9		30 - 110						

Lab Sample ID: MB 160-712640/1-A

Matrix: Water

Analysis Batch: 717541

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 712640

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2389	U	0.319	0.319	1.00	0.533	pCi/L	04/16/25 07:52	05/14/25 09:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.2		30 - 110					04/16/25 07:52	05/14/25 09:55	1
Y Carrier	84.5		30 - 110					04/16/25 07:52	05/14/25 09:55	1

Lab Sample ID: LCS 160-712640/2-A

Matrix: Water

Analysis Batch: 717541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712640

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.45	11.86		1.54	1.00	0.475	pCi/L	126	75 - 125

Eurofins Chicago

QC Sample Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
H2024-804
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-712640/2-A

Matrix: Water

Analysis Batch: 717541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 712640

Carrier	LCS	LCS	Limits
	%Yield	Qualifier	
Ba Carrier	88.6		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: 500-266421-34 MS

Matrix: Water

Analysis Batch: 717539

Client Sample ID: 50

Prep Type: Total/NA

Prep Batch: 712640

Analyte	Sample	Sample	Spike	MS	MS	Total	RL	MDC	Unit	%Rec	%Rec	Limits		
	Result	Qual	Added	Result	Qual	Uncert. (2σ+/-)					Limits			
Radium-228	0.187	U	9.41	10.68		1.41	1.00	0.546	pCi/L	111	60 - 140			

Carrier	MS	MS	Limits
	%Yield	Qualifier	
Ba Carrier	89.1		30 - 110
Y Carrier	83.4		30 - 110

Lab Sample ID: 500-266421-34 MSD

Matrix: Water

Analysis Batch: 717539

Client Sample ID: 50

Prep Type: Total/NA

Prep Batch: 712640

Analyte	Sample	Sample	Spike	MSD	MSD	Total	RL	MDC	Unit	%Rec	%Rec	Limits	RER	RER
	Result	Qual	Added	Result	Qual	Uncert. (2σ+/-)					Limits		Limit	Limit
Radium-228	0.187	U	9.41	10.76		1.42	1.00	0.542	pCi/L	112	60 - 140	0.03	1	1

Carrier	MSD	MSD	Limits
	%Yield	Qualifier	
Ba Carrier	87.6		30 - 110
Y Carrier	83.7		30 - 110

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
H2025-004
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 03R

Lab Sample ID: 500-266421-1

Date Collected: 04/07/25 16:15

Matrix: Water

Date Received: 04/08/25 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			711789	OGC	EET SL	04/10/25 07:39
Total/NA	Analysis	903.0		1	716365	SWS	EET SL	05/07/25 14:18
Total/NA	Prep	PrecSep_0			711790	OGC	EET SL	04/10/25 07:43
Total/NA	Analysis	904.0		1	716362	SWS	EET SL	05/07/25 09:44
Total/NA	Analysis	Ra226_Ra228 Pos		1	717736	SCB	EET SL	05/15/25 17:41

Client Sample ID: 18#S

Lab Sample ID: 500-266421-3

Date Collected: 04/07/25 15:45

Matrix: Water

Date Received: 04/08/25 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			711789	OGC	EET SL	04/10/25 07:39
Total/NA	Analysis	903.0		1	716365	SWS	EET SL	05/07/25 14:18
Total/NA	Prep	PrecSep_0			711790	OGC	EET SL	04/10/25 07:43
Total/NA	Analysis	904.0		1	716362	SWS	EET SL	05/07/25 09:44
Total/NA	Analysis	Ra226_Ra228 Pos		1	717736	SCB	EET SL	05/15/25 17:41

Client Sample ID: 18#S_FD

Lab Sample ID: 500-266421-5

Date Collected: 04/07/25 16:05

Matrix: Water

Date Received: 04/08/25 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			711787	OGC	EET SL	04/10/25 07:35
Total/NA	Analysis	903.0		1	716364	SWS	EET SL	05/07/25 18:34
Total/NA	Prep	PrecSep_0			711788	OGC	EET SL	04/10/25 07:37
Total/NA	Analysis	904.0		1	716364	SWS	EET SL	05/07/25 12:22
Total/NA	Analysis	Ra226_Ra228 Pos		1	716931	SCB	EET SL	05/09/25 16:25

Client Sample ID: 07

Lab Sample ID: 500-266421-8

Date Collected: 04/08/25 08:50

Matrix: Water

Date Received: 04/09/25 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717687	SWS	EET SL	05/15/25 14:23
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717682	SWS	EET SL	05/15/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
H2024-504
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 07_FD

Lab Sample ID: 500-266421-9

Date Collected: 04/08/25 08:55

Matrix: Water

Date Received: 04/09/25 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717687	SWS	EET SL	05/15/25 14:24
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717690	SWS	EET SL	05/15/25 09:39
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 08

Lab Sample ID: 500-266421-10

Date Collected: 04/08/25 15:15

Matrix: Water

Date Received: 04/09/25 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717687	SWS	EET SL	05/15/25 14:24
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717690	SWS	EET SL	05/15/25 09:39
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 08&D

Lab Sample ID: 500-266421-11

Date Collected: 04/08/25 16:20

Matrix: Water

Date Received: 04/09/25 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717687	SWS	EET SL	05/15/25 14:24
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717690	SWS	EET SL	05/15/25 09:39
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 18&D

Lab Sample ID: 500-266421-12

Date Collected: 04/08/25 09:20

Matrix: Water

Date Received: 04/09/25 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717687	SWS	EET SL	05/15/25 14:24
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717690	SWS	EET SL	05/15/25 09:40
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
H2024-504
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 21R

Date Collected: 04/08/25 14:30

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717687	SWS	EET SL	05/15/25 14:24
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717690	SWS	EET SL	05/15/25 09:40
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 27

Date Collected: 04/08/25 16:00

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717682	SWS	EET SL	05/15/25 14:36
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717690	SWS	EET SL	05/15/25 09:40
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 27_FD

Date Collected: 04/08/25 16:05

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717682	SWS	EET SL	05/15/25 14:36
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717690	SWS	EET SL	05/15/25 09:40
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 32

Date Collected: 04/08/25 10:55

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717682	SWS	EET SL	05/15/25 14:36
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717690	SWS	EET SL	05/15/25 09:40
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/19/25 10:11

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
H2024-504
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 34

Date Collected: 04/08/25 13:20

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717682	SWS	EET SL	05/15/25 14:36
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717690	SWS	EET SL	05/15/25 09:40
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/19/25 10:11

Client Sample ID: 35

Date Collected: 04/08/25 12:00

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717682	SWS	EET SL	05/15/25 14:37
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717705	FLC	EET SL	05/15/25 09:44
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/19/25 10:11

Client Sample ID: 45#S

Date Collected: 04/08/25 10:15

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717682	SWS	EET SL	05/15/25 14:37
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717705	FLC	EET SL	05/15/25 09:43
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/19/25 10:11

Client Sample ID: 16

Date Collected: 04/10/25 08:10

Date Received: 04/10/25 11:23

Lab Sample ID: 500-266421-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717331	SWS	EET SL	05/13/25 13:56
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717329	SWS	EET SL	05/13/25 09:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
H2024-504
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 17

Date Collected: 04/10/25 08:30

Date Received: 04/10/25 11:23

Lab Sample ID: 500-266421-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717682	SWS	EET SL	05/15/25 14:37
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717705	FLC	EET SL	05/15/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/19/25 10:11

Client Sample ID: FB

Date Collected: 04/10/25 08:55

Date Received: 04/10/25 11:23

Lab Sample ID: 500-266421-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717682	SWS	EET SL	05/15/25 14:37
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717705	FLC	EET SL	05/15/25 09:44
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/19/25 10:11

Client Sample ID: 12

Date Collected: 04/09/25 08:40

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712406	OGC	EET SL	04/15/25 07:42
Total/NA	Analysis	903.0		1	717682	SWS	EET SL	05/15/25 14:37
Total/NA	Prep	PrecSep_0			712407	OGC	EET SL	04/15/25 07:45
Total/NA	Analysis	904.0		1	717705	FLC	EET SL	05/15/25 09:26
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/19/25 10:11

Client Sample ID: 13

Date Collected: 04/09/25 09:50

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717331	SWS	EET SL	05/13/25 13:57
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717329	SWS	EET SL	05/13/25 09:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
H2024-504
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 22

Date Collected: 04/09/25 14:40

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717331	SWS	EET SL	05/13/25 13:57
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717329	SWS	EET SL	05/13/25 09:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 22&D

Date Collected: 04/09/25 13:25

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717331	SWS	EET SL	05/13/25 13:57
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717329	SWS	EET SL	05/13/25 09:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 23

Date Collected: 04/09/25 12:45

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717331	SWS	EET SL	05/13/25 13:57
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717330	SWS	EET SL	05/13/25 09:57
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 46

Date Collected: 04/09/25 12:40

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717330	SWS	EET SL	05/13/25 14:08
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717330	SWS	EET SL	05/13/25 09:57
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
HDD: 504
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 46_FD

Date Collected: 04/09/25 13:00

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-31

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717330	SWS	EET SL	05/13/25 14:09
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717330	SWS	EET SL	05/13/25 09:58
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 47

Date Collected: 04/09/25 13:45

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717330	SWS	EET SL	05/13/25 14:09
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717330	SWS	EET SL	05/13/25 09:58
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 49

Date Collected: 04/09/25 10:10

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-33

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717330	SWS	EET SL	05/13/25 14:09
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717330	SWS	EET SL	05/13/25 09:58
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 50

Date Collected: 04/09/25 11:05

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-34

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712639	OGC	EET SL	04/16/25 07:48
Total/NA	Analysis	903.0		1	717542	FLC	EET SL	05/14/25 16:02
Total/NA	Prep	PrecSep_0			712640	OGC	EET SL	04/16/25 07:52
Total/NA	Analysis	904.0		1	717541	SWS	EET SL	05/14/25 09:58
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/19/25 10:11

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Lab ID: 500-266421-2
H2025-004
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Client Sample ID: 51

Date Collected: 04/09/25 09:20

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717330	SWS	EET SL	05/13/25 14:09
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717330	SWS	EET SL	05/13/25 09:58
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 52

Date Collected: 04/09/25 14:45

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717330	SWS	EET SL	05/13/25 14:09
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717330	SWS	EET SL	05/13/25 09:58
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

Client Sample ID: 54

Date Collected: 04/09/25 11:00

Date Received: 04/10/25 12:05

Lab Sample ID: 500-266421-37

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			712404	OGC	EET SL	04/15/25 07:37
Total/NA	Analysis	903.0		1	717330	SWS	EET SL	05/13/25 14:09
Total/NA	Prep	PrecSep_0			712405	OGC	EET SL	04/15/25 07:41
Total/NA	Analysis	904.0		1	717330	SWS	EET SL	05/13/25 09:58
Total/NA	Analysis	Ra226_Ra228 Pos		1	717737	SCB	EET SL	05/15/25 17:42

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-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HED-500-266421-2
HED-504-804
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

Page 1 of 3

REGULATORY AGENCY		
GROUND WATER		DRINKING WATER
RCRA	OTHER	
Location	IL	
STATE		

1.6+2.2, 1.7+2.3

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$$1.4 + 2.2, 1.7 + 2.3$$

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05/19/25

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Samplers/date are the same as on page 1. dbn 04/09/2025

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05/19/25

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Sampler is same as relinquished by. dbn 04/10/2025

4.1 → 4.4

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

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Sampler is same as relinquished by. dbn 04/10/2025

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$$3.0+4.1, 3.4+3.7, 2.3+2.6, 4.9+5.2$$

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05/19/25

Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

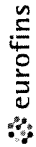
[illegible]

Eurofins Chicago

18410 Crossing Drive Suite E
Tinley Park, IL 60487

Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



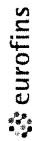
Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COC No: 500-199896.1						
Client Contact:		Phone: N/A	E-Mail: Dirk.Nelson@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 2						
Shipping/Receiving		Company: TestAmerica Laboratories, Inc.			Job #: 500-266421-2						
Address: 13715 Rider Trail North, Earth City, MO, 63045		Accreditations Required (See note): NELAP - Illinois			Preservation Codes:						
City: Earth City		Due Date Requested: 5/8/2025			Analysis Requested						
State, Zip: MO, 63045		TAT Requested (days): N/A									
Phone: 314-298-8586(Tel) 314-298-8757(Fax)		PO #: N/A									
Email: N/A		WO #: N/A									
Project Name: HEN-25Q2		SSOW#: N/A									
Site: Vistra Corp-Hennepin		Matrix (W=water, S=solid, O=waste/oil, ST=Thru, A=Air)			Special Instructions/Note:						
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PreSep_21 BB	904.0/PreSep_0 BB	Ra226.228GFC_P/BB	Total Number of containers
07 (500-266421-8)		4/8/25	08:50 Central	G		Water	X	X	X	X	2
07_FD (500-266421-9)		4/8/25	08:55 Central	G		Water	X	X	X	X	2
08 (500-266421-10)		4/8/25	15:15 Central	G		Water	X	X	X	X	2
08&D (500-266421-11)		4/8/25	16:20 Central	G		Water	X	X	X	X	2
18&D (500-266421-12)		4/8/25	09:20 Central	G		Water	X	X	X	X	2
21R (500-266421-13)		4/8/25	14:30 Central	G		Water	X	X	X	X	2
27 (500-266421-14)		4/8/25	16:00 Central	G		Water	X	X	X	X	2
27_FD (500-266421-15)		4/8/25	16:05 Central	G		Water	X	X	X	X	2
32 (500-266421-16)		4/8/25	10:55 Central	G		Water	X	X	X	X	2
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.											
Possible Hazard Identification											
Unconfirmed											
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2											
Empty Kit Relinquished by: Date: Time: Method of Shipment: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months											
Relinquished by: <i>Stephanie Hernandez</i> Date/Time: <i>4/9/25 16:20</i> Received by: <i>M. Pinette</i> Date/Time: <i>APR 10 2025 08:30</i> Company: Company											
Relinquished by: Date/Time: Received by: <i>Meadow Pinette</i> Date/Time: Company: Company											
Relinquished by: Date/Time: Received by: Date/Time: Company: Company											
Custody Seals Intact: ☐ Yes ☐ No Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:											

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST LASH POND SYSTEM
HEN-845-804

Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)				Lab PM: Nelson, Dirk	Carrier Tracking No(s): 500-199731.1						
Client Contact: Shipping/Receiving				E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois						
Company: TestAmerica Laboratories, Inc.				Accreditations Required (See note): NELAP - Illinois	Job #: 500-266421-1						
Address: 13715 Rider Trail North, Earth City, State, Zip: MO, 63045				Phone: 314-298-8566(Tel) 314-298-8757(Fax)	Preservation Codes:						
Email: N/A				Project #: 50024191							
Site: Vistra Corp-Hennepin				SSOW#: N/A							
Due Date Requested: 4/22/2025				Analysis Requested							
TAT Requested (days): N/A											
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefall, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/P/PreSep, 21 BB	904.0/P/PreSep, 0 BB	R226, 228GFP, C, P, BB	Total Number of Containers	Special Instructions/Note:
16 (500-266421-21)	4/10/25	08:10 Central	G	Water			X	X	X	2	
16 (500-266421-21MS)	4/10/25	08:10 Central	G	Water			X	X	X	2	
16 (500-266421-21MSD)	4/10/25	08:10 Central	G	Water			X	X	X	2	
17 (500-266421-22)	4/10/25	08:30 Central	G	Water			X	X	X	2	
FB (500-266421-23)	4/10/25	08:55 Central	G	Water			X	X	X	2	
12 (500-266421-25)	4/9/25	08:40 Central	G	Water			X	X	X	2	
13 (500-266421-26)	4/9/25	09:50 Central	G	Water			X	X	X	2	
22 (500-266421-27)	4/9/25	14:40 Central	G	Water			X	X	X	2	
228D (500-266421-28)	4/9/25	13:25 Central	G	Water			X	X	X	2	
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.											
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months					
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____						Relinquished by: _____ Date/Time: _____ Company: _____					
Relinquished by: _____ Date/Time: _____ Company: _____						Relinquished by: _____ Date/Time: _____ Company: _____					
Relinquished by: _____ Date/Time: _____ Company: _____						Relinquished by: _____ Date/Time: _____ Company: _____					
Custody Seals Intact: _____ Custody Seal No.: _____ Δ Yes Δ No						Cooler Temperature(s) °C and Other Remarks: _____					

Chain of Custody Record



Environment Testing

[illegible]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266421-2
SDG Number: HEN_000_RAD

Login Number: 266421

List Number: 1

Creator: Hernandez, Stephanie

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	2.2,2.3,2.4,3.3,1.9,2.4,2.0,3.4,4.4,4.1,3.7,2.6,5.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266421-2
SDG Number: HEN_000_RAD

Login Number: 266421

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 04/09/25 10:55 AM

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.

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266421-2

SDG Number: HEN_000_RAD

Login Number: 266421

List Number: 5

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 04/10/25 10:58 AM

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266421-2
SDG Number: HEN_000_RAD

Login Number: 266421

List Number: 7

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 04/11/25 11:46 AM

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

Tracer/Carrier Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
Hennepin 500-266421-2
SDG: HEN_000_RAD

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)				
		Ba				
Lab Sample ID	Client Sample ID	(30-110)				
500-266421-1	03R	83.3				
500-266421-3	18#S	71.0				
500-266421-5	18#S_FD	89.4				
500-266421-8	07	91.2				
500-266421-9	07_FD	93.2				
500-266421-10	08	88.6				
500-266421-11	08&D	87.4				
500-266421-12	18&D	92.2				
500-266421-13	21R	84.6				
500-266421-14	27	92.2				
500-266421-15	27_FD	89.9				
500-266421-16	32	88.1				
500-266421-17	34	91.7				
500-266421-18	35	88.6				
500-266421-20	45#S	92.2				
500-266421-21	16	86.9				
500-266421-21 MS	16	91.7				
500-266421-21 MSD	16	85.4				
500-266421-22	17	90.4				
500-266421-23	FB	94.4				
500-266421-25	12	91.4				
500-266421-26	13	85.6				
500-266421-27	22	93.4				
500-266421-28	22&D	90.4				
500-266421-29	23	84.6				
500-266421-30	46	96.5				
500-266421-31	46_FD	87.9				
500-266421-32	47	91.7				
500-266421-33	49	90.4				
500-266421-34	50	84.6				
500-266421-34 MS	50	89.1				
500-266421-34 MSD	50	87.6				
500-266421-35	51	88.6				
500-266421-36	52	86.6				
500-266421-37	54	84.1				
LCS 160-711787/2-A	Lab Control Sample	89.9				
LCS 160-711789/2-A	Lab Control Sample	87.4				
LCS 160-712404/2-A	Lab Control Sample	90.7				
LCS 160-712406/2-A	Lab Control Sample	92.7				
LCS 160-712639/2-A	Lab Control Sample	88.6				
MB 160-711787/1-A	Method Blank	82.1				
MB 160-711789/1-A	Method Blank	81.1				
MB 160-712404/1-A	Method Blank	90.2				
MB 160-712406/1-A	Method Blank	83.6				
MB 160-712639/1-A	Method Blank	90.2				

Tracer/Carrier Legend

Ba = Ba Carrier

Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM

Client: Vistra Energy Corp
Project/Site: HEN-25Q2

Lab ID: 500-266421-2
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)
500-266421-1	03R	83.3	81.1
500-266421-3	18#S	71.0	76.6
500-266421-5	18#S_FD	89.4	80.4
500-266421-8	07	91.2	74.4
500-266421-9	07_FD	93.2	77.8
500-266421-10	08	88.6	74.0
500-266421-11	08&D	87.4	74.8
500-266421-12	18&D	92.2	76.6
500-266421-13	21R	84.6	71.8
500-266421-14	27	92.2	84.1
500-266421-15	27_FD	89.9	78.5
500-266421-16	32	88.1	81.5
500-266421-17	34	91.7	76.6
500-266421-18	35	88.6	75.1
500-266421-20	45#S	92.2	76.6
500-266421-21	16	86.9	75.1
500-266421-21 MS	16	91.7	83.0
500-266421-21 MSD	16	85.4	77.8
500-266421-22	17	90.4	75.5
500-266421-23	FB	94.4	76.6
500-266421-25	12	91.4	78.5
500-266421-26	13	85.6	79.6
500-266421-27	22	93.4	83.7
500-266421-28	22&D	90.4	78.9
500-266421-29	23	84.6	80.7
500-266421-30	46	96.5	79.6
500-266421-31	46_FD	87.9	81.1
500-266421-32	47	91.7	80.7
500-266421-33	49	90.4	77.0
500-266421-34	50	84.6	79.6
500-266421-34 MS	50	89.1	83.4
500-266421-34 MSD	50	87.6	83.7
500-266421-35	51	88.6	78.1
500-266421-36	52	86.6	77.0
500-266421-37	54	84.1	75.5
LCS 160-711788/2-A	Lab Control Sample	89.9	81.5
LCS 160-711790/2-A	Lab Control Sample	87.4	77.0
LCS 160-712405/2-A	Lab Control Sample	90.7	78.5
LCS 160-712407/2-A	Lab Control Sample	92.7	81.9
LCS 160-712640/2-A	Lab Control Sample	88.6	82.2
MB 160-711788/1-A	Method Blank	82.1	80.4
MB 160-711790/1-A	Method Blank	81.1	75.9
MB 160-712405/1-A	Method Blank	90.2	78.9
MB 160-712407/1-A	Method Blank	83.6	77.8
MB 160-712640/1-A	Method Blank	90.2	84.5

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>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: 2024.1111		Task #: _____		Start Date: <u>4/9/2025</u>		Time: <u>1510</u>						
Field Personnel: <u>G. Asaamy</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>2</u>					Well Development							
Casing ID: _____ Inches					Well Volume Approach Sampling							
					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>4115939x</u> (Specify): Low Flow Heron Serial NO: <u>4109335x</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	1325	—	45.3	—	—	—	—	—	—	—	—
Purge	5	1330	0.6>	45.31	—	11.8	6.85	965	2.57	3.37	70.6	Clear
	10	1335	1	45.27	—	11.8	6.82	976	1.80	2.62	74.7	" "
	15	1340	1.5	45.28	GA 12.0	12.0	6.82	981	1.88	2.53	77.8	" "
*****	20	1345	2	45.31	—	12.6	6.80	982	1.58	2.16	78.5	" "
↓	25	1350	3	45.27	—	12.7	6.79	985	1.53	2.08	79.0	" "
GA 12.0	30	1355	3.5	—	—	—	—	—	—	—	—	—
Purge	35	1355	3.5	45.36	—	11.8	6.79	973	1.76	2.13	80.8	" "
↓	40	1400	4	45.28	—	11.8	6.77	979	1.74	2.05	84.1	" "
↓	45	1405	4.5	45.27	—	11.7	6.78	982	1.69	2.07	85.6	" "
Sample	50	1410	5	45.30	—	—	—	—	—	—	—	—
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ 1410 on 4/9/2025									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - FT BTDC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

2 sampled @ 1410 on 4/9/25
1410

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra Start Date: 9/7 /2025 Time: 1535
Project Number: 2024.1111 Task #:

Sampling Equipment Used (Circle One):
☒ Dedicated Bladder ☐ Peristaltic Pump ☐ Portable Bladder ☐ Bailer

EVENT TYPE

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

YSI SERIAL NO: 6115034X
Heron Serial NO: 1109354

WELL INFORMATION

Well ID: 03R
Casing ID: _____ Inches

Well Development
Well Volume Approach Sampling

WATER QUALITY INDICATOR PARAMETERS (continued)

Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 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	1550	—	35.15	—	—	—	—	—	—	—	—
Purge	5	1555	<0.5	35.20	—	16.6	7.56	729	0.27	5.61	109.0	Clear
	10	1600	0.5	35.18	—	16.6	7.66	729	0.15	6.07	114.3	" "
	15	1605	1	35.23	—	16.6	7.07	730	0.07	5.36	117.4	" "
*****	20	1610	1.5	35.19	—	16.7	7.07	731	0.00	3.15	120.3	" "
Sample	25	1615	2	35.16	—	—	—	—	—	—	—	—
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC -
Specific Electrical Conductance SU - Standard

Sampled @ 1615 on 9/7 / 2025

03R sampled @ 1615 on 9/7/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: 2024.1111		Task #:		Start Date: <u>4/8/2025</u>		Time: <u>0800</u>						
Field Personnel: <u>G. Assalling</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>7</u>					Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>41159392</u>			
Casing ID: _____ Inches					Well Volume Approach Sampling		(Specify): Low Flow		Heron Serial NO: <u>41093556</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>0815</u>	—	<u>69.67</u>	—	—	—	—	—	—	—	—
Purge	5	<u>0830</u>	<u>0.57</u>	<u>69.87</u>	—	<u>10.5</u>	<u>6.53</u>	<u>930</u>	<u>5.48</u>	<u>3.36</u>	<u>78.2</u>	<u>clear</u>
	10	<u>0835</u>	<u>0.5</u>	<u>69.99</u>	—	<u>10.6</u>	<u>6.55</u>	<u>929</u>	<u>5.39</u>	<u>3.26</u>	<u>173.8</u>	<u>" "</u>
	15	<u>0840</u>	<u>1</u>	<u>69.74</u>	—	<u>10.6</u>	<u>6.57</u>	<u>920</u>	<u>5.35</u>	<u>3.23</u>	<u>173.4</u>	<u>" "</u>
*****	20	<u>0845</u>	<u>1.5</u>	<u>69.87</u>	—	<u>10.5</u>	<u>6.57</u>	<u>925</u>	<u>5.35</u>	<u>3.17</u>	<u>172.6</u>	<u>" "</u>
Sample	25	<u>0850</u>	<u>3</u>	<u>69.59</u>	—	—	—	—	—	—	—	—
Sample	30	<u>0855</u>	<u>2.5</u>	<u>69.82</u>	—	—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ _____ on <u>3/8/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -			
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

Sampled @ 7 on 4/8/25 0850

Sampled @ 7-FD on 4/8/25 0855

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>			Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer							
Project Number: 2024.1111			Task #:		Start Date: <u>4/8/2025</u>		Time: <u>1215</u>					
Field Personnel: <u>Lorne</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>SD</u>					Well Development							
Casing ID: <u>2</u> <u>Inches</u>					Well Volume Approach Sampling <u>200 mL</u>							
					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>U119766</u> (Specify): Low Flow Heron Serial NO: <u>17448</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>1215</u>		<u>41.30</u>								<u>Clear</u>
Purge	5	<u>1220</u>		<u>41.30</u>		<u>14.3</u>	<u>7.13</u>	<u>758</u>	<u>3.21</u>	<u>22.40</u>	<u>79.6</u>	
	10	<u>1225</u>	<u>1 Gal</u>	<u>41.30</u>		<u>14.5</u>	<u>7.12</u>	<u>760</u>	<u>2.15</u>	<u>10.62</u>	<u>90.4</u>	
	15	<u>1230</u>		<u>41.30</u>		<u>14.4</u>	<u>7.10</u>	<u>761</u>	<u>1.75</u>	<u>9.09</u>	<u>94.9</u>	
*****	20	<u>1235</u>		<u>41.30</u>		<u>14.5</u>	<u>7.11</u>	<u>761</u>	<u>1.74</u>	<u>7.62</u>	<u>95.1</u>	
	25	<u>1240</u>	<u>2 Gal</u>	<u>41.30</u>		<u>14.4</u>	<u>7.11</u>	<u>761</u>	<u>1.72</u>	<u>7.09</u>	<u>98.2</u>	
	30	<u>1245</u>	<u>2.5 Gal</u>	<u>41.30</u>		<u>14.4</u>	<u>7.11</u>	<u>760</u>	<u>1.71</u>	<u>7.20</u>	<u>98.2</u>	
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sampled @ <u>1245</u> on <u>4/8</u> / 2025								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>	Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer	
Project Number: 2024.1111	Task #:	Start Date: <u>4/8</u> /2025	Time: <u>1315</u>
Field Personnel: <u>Lorne</u>			

WELL INFORMATION	EVENT TYPE
Well ID: <u>SR</u>	Well Development Well Volume Approach Sampling <u>200mL</u> <u>Low-Flow / Low Stress Sampling Other</u> (Specify): Low Flow
Casing ID: <u>2</u> Inches	
YSI SERIAL NO: <u>U119766K</u> Heron Serial NO: <u>1744B</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>1315</u>		<u>41.25</u>								<u>Clear</u>
Purge	5	<u>1320</u>		<u>41.25</u>		<u>15.0</u>	<u>7.37</u>	<u>760</u>	<u>2.23</u>	<u>28.31</u>	<u>116.1</u>	
	10	<u>1325</u>	<u>1 GAL</u>	<u>41.25</u>		<u>15.1</u>	<u>7.41</u>	<u>759</u>	<u>1.61</u>	<u>25.41</u>	<u>74.0</u>	
	15	<u>1330</u>		<u>41.25</u>		<u>15.2</u>	<u>7.41</u>	<u>759</u>	<u>1.47</u>	<u>20.00</u>	<u>83.2</u>	
***	20	<u>1335</u>		<u>41.25</u>		<u>15.2</u>	<u>7.42</u>	<u>760</u>	<u>1.45</u>	<u>18.20</u>	<u>85.1</u>	
	25	<u>1340</u>	<u>2.6 GAL</u>	<u>41.25</u>		<u>15.2</u>	<u>7.42</u>	<u>760</u>	<u>1.46</u>	<u>17.92</u>	<u>87.2</u>	
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)	ABBREVIATIONS
Sampled @ <u>1340</u> on <u>4/8</u> / 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>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailor										
Project Number: 2024.1111		Task #:		Start Date: <u>4/8</u> /2025		Time: <u>1445</u>								
Field Personnel: <u>1. Orue</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>8</u> Casing ID: <u>2</u> <u>Inches</u>				Well Development Well Volume Approach Sampling <u>200</u>										
				Low-Flow / Low Stress Sampling Other (Specify): Low Flow										
				YSI SERIAL NO: <u>119766</u> Heron Serial NO: <u>12414B</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>1445</u>		<u>54.05</u>								<u>Clear</u>		
Purge	5	<u>1450</u>		<u>54.05</u>		<u>12.9</u>	<u>6.65</u>	<u>1594</u>	<u>1.29</u>	<u>16.67</u>	<u>137.7</u>			
	10	<u>1455</u>	<u>1 GAL</u>	<u>54.05</u>		<u>12.9</u>	<u>6.65</u>	<u>1595</u>	<u>1.50</u>	<u>12.20</u>	<u>136.5</u>			
	15	<u>1500</u>		<u>54.05</u>		<u>12.9</u>	<u>6.65</u>	<u>1596</u>	<u>1.42</u>	<u>11.75</u>	<u>133.8</u>			
*****	20	<u>1505</u>		<u>54.05</u>		<u>12.9</u>	<u>6.66</u>	<u>1598</u>	<u>1.38</u>	<u>10.59</u>	<u>131.9</u>			
	25	<u>1510</u>	<u>2 GAL</u>	<u>54.05</u>		<u>13.0</u>	<u>6.64</u>	<u>1600</u>	<u>1.32</u>	<u>9.24</u>	<u>129.7</u>			
	30	<u>1515</u>	<u>2.5 GAL</u>	<u>54.05</u>		<u>12.9</u>	<u>6.66</u>	<u>1601</u>	<u>1.30</u>	<u>7.60</u>	<u>127.9</u>			
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1515</u> on <u>4/8/2025</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	Sampling Equipment Used (Circle One):	
Project Number: 2024.1111	Task #:	Start Date: 4/8/2025	Time: 1550
Field Personnel: Corne		Dedicated Bladder Peristaltic Pump Portable Bladder Bailor	

WELL INFORMATION	EVENT TYPE
Well ID: 82	Well Development
Casing ID: 2	Well Volume Approach Sampling
Inches	Low-Flow/ Low Stress Sampling Other
	(Specify): Low Flow
	YSI SERIAL NO: 0119764K
	Heron Serial NO: 174HB

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	1550		54.35								
Purge	5	1555	0.5	54.35		11.9	6.98	1690	7.36	8.67	122.0	Clear
	10	1600		54.35		11.9	6.71	1842	3.13	7.98	132.4	
	15	1605	2	54.35		12.0	6.64	1892	1.35	6.80	135.4	
*****	20	1610		54.35		12.1	6.62	1894	0.91	6.32	135.3	
V	25	1615		54.35		12.1	6.62	1895	0.90	6.30	134.5	
Sample	30	1620	2.5	54.35		12.0	6.61	1895	0.88	6.28	134.7	
	35	1625	3	54.35								
	40											
	45											
	50											
	55											
	60											

NOTES (continued)	ABBREVIATIONS
Sampled @ 1620 on 4/18/2025	Cond. - Actual Conductivity FT BTOT - 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>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailor								
Project Number: <u>2024.1111</u>		Task #: _____		Start Date: <u>4/17/2025</u>		Time: <u>1:50</u>						
Field Personnel: <u>G. Assalung</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>108</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>41159348</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>401355X</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>1455</u>	<u>0</u>	<u>50.95</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Purge	5	<u>1500</u>	<u>0.5</u>	<u>50.94</u>		<u>16.1</u>	<u>7.01</u>	<u>754</u>	<u>7.52</u>	<u>5.91</u>	<u>165.0</u>	<u>Clear</u>
	10	<u>1505</u>	<u>0.5</u>	<u>50.94</u>		<u>16.7</u>	<u>6.98</u>	<u>761</u>	<u>3.21</u>	<u>2.07</u>	<u>168.1</u>	<u>" "</u>
	15	<u>1510</u>	<u>1</u>	<u>50.95</u>		<u>16.7</u>	<u>6.99</u>	<u>760</u>	<u>3.12</u>	<u>1.80</u>	<u>170.4</u>	<u>" "</u>
<u>***</u>	20	<u>1515</u>	<u>1.5</u>	<u>50.96</u>		<u>16.8</u>	<u>6.99</u>	<u>760</u>	<u>3.12</u>	<u>1.79</u>	<u>172.3</u>	<u>" "</u>
<u>Sample</u>	25	<u>1520</u>	<u>—</u>	<u>50.98</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			
Sampled @ <u>1520 on 3/17/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -			
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

~~Hen-108~~

Hen-108 Sampled @ 1520 on 4/17/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: 2024.1111		Task #:		Start Date: <u>4/9/2025</u>		Time: <u>0820</u>						
Field Personnel: <u>Lorne</u>												
WELL INFORMATION				EVENT TYPE								
Well ID: <u>12</u> Casing ID: <u>2</u> <u>Inches</u>				Well Development Well Volume Approach Sampling <u>20cm</u> <u>Low-Flow / Low Stress Sampling Other</u> YSI SERIAL NO: <u>61976K</u> (Specify): Low Flow Heron Serial NO: <u>174118</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>0820</u>		<u>51.40</u>								
Purge	5	<u>0825</u>		<u>51.40</u>		<u>15.4</u>	<u>7.14</u>	<u>801</u>	<u>4.54</u>	<u>5.38</u>	<u>261.0</u>	<u>Clear</u>
↓	10	<u>0830</u>	<u>1 GAL</u>	<u>51.40</u>		<u>15.3</u>	<u>7.15</u>	<u>801</u>	<u>4.46</u>	<u>6.11</u>	<u>254.3</u>	↓
↓	15	<u>0835</u>		<u>51.40</u>		<u>15.3</u>	<u>7.15</u>	<u>800</u>	<u>4.44</u>	<u>5.09</u>	<u>249.1</u>	↓
*****	20	<u>0840</u>	<u>2.6 GAL</u>	<u>51.40</u>		<u>15.4</u>	<u>7.15</u>	<u>800</u>	<u>4.43</u>	<u>4.50</u>	<u>241.1</u>	↓
	25											
	30											
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>0840</u> on <u>4/9/2025</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: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer										
Project Number: 2024.1111		Task #:		Start Date: <u>4/9</u> /2025		Time: <u>0915</u>								
Field Personnel: <u>Lorne</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>132</u>				Well Development				Low-Flow / Low Stress Sampling Other					YSI SERIAL NO: <u>0119766K</u>	
Casing ID: <u>132</u> <u>1</u> Inches				Well Volume Approach Sampling <u>200 mL</u>				(Specify): Low Flow					Heron Serial NO: <u>17448</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>0915</u>		<u>51.40</u>		<u>15.1</u>	<u>7.15</u>	<u>792</u>	<u>4.36</u>	<u>6.91</u>	<u>213.6</u>	<u>Clear</u>		
Purge	5	<u>0920</u>		<u>51.40</u>										
	10	<u>0925</u>	<u>1 GAL</u>	<u>51.40</u>		<u>15.3</u>	<u>7.16</u>	<u>792</u>	<u>4.03</u>	<u>5.67</u>	<u>144.9</u>			
	15	<u>0930</u>		<u>51.40</u>		<u>15.4</u>	<u>7.16</u>	<u>792</u>	<u>3.89</u>	<u>5.29</u>	<u>156.8</u>			
*****	20	<u>0935</u>	<u>2 GAL</u>	<u>51.40</u>		<u>15.5</u>	<u>7.16</u>	<u>792</u>	<u>3.85</u>	<u>5.77</u>	<u>161.9</u>			
	25	<u>0945</u>		<u>51.40</u>		<u>15.6</u>	<u>7.16</u>	<u>793</u>	<u>3.83</u>	<u>5.99</u>	<u>164.3</u>			
	30	<u>0950</u>	<u>3 GAL</u>	<u>51.40</u>		<u>15.6</u>	<u>7.16</u>	<u>793</u>	<u>3.80</u>	<u>4.84</u>	<u>165.6</u>	<u>✓</u>		
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)								ABBREVIATIONS						
Sampled @ <u>0950</u> on <u>4/9</u> / 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: Hennepin		Client: Vistra		Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer								
Project Number: 2024.1111		Task #:		Start Date: 4/10/2025		Time: 0745						
Field Personnel: Lorne												
WELL INFORMATION					EVENT TYPE							
Well ID: 16 Casing ID: 2					Well Development Well Volume Approach Sampling 250 mL			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: 3119766K Heron Serial NO: 174W73	
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	0745		54.25								Clean
Purge	5	0750		54.25		14.8	7.11	806	7.48	5.28	206.4	
	10	0755	16M	54.25		14.6	7.13	808	7.43	4.67	202.4	↓
	15	0800		54.25		14.6	7.14	809	7.42	4.16	199.3	
*****	20	0805	26M	54.25		14.6	7.14	808	7.41	3.99	195.9	
↓	25	0810	25M	54.25		14.6	7.15	809	7.41	3.91	193.6	
	30											
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ 0810 on 4/10/2025									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

MS@ 0820

MSD@ 0830

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: 2024.1111		Task #:		Start Date: <u>4/10/2025</u>		Time: <u>0806</u>						
Field Personnel: <u>G. Arany</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>17</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>4115934*</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4104335*</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>0805</u>	<u>2</u>	<u>55.01</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Purge	5	<u>0810</u>	<u>0.5</u>	<u>55.02</u>		<u>12.2</u>	<u>7.00</u>	<u>800</u>	<u>8.85</u>	<u>2.89</u>	<u>143.7</u>	<u>Cloud</u>
	10	<u>0815</u>	<u>1</u>	<u>55.04</u>		<u>12.4</u>	<u>7.01</u>	<u>785</u>	<u>8.90</u>	<u>2.52</u>	<u>139.5</u>	<u>" "</u>
	15	<u>0820</u>	<u>2</u>	<u>55.05</u>		<u>12.3</u>	<u>7.03</u>	<u>785</u>	<u>8.92</u>	<u>2.28</u>	<u>137.3</u>	<u>" "</u>
***	20	<u>0825</u>	<u>2.5</u>	<u>55.05</u>		<u>12.7</u>	<u>7.04</u>	<u>785</u>	<u>8.91</u>	<u>2.27</u>	<u>136.2</u>	<u>" "</u>
Sample	25	<u>0830</u>	<u>3</u>	<u>55.04</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			
Sampled @ <u>0830</u> on <u>4/10/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -			
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

17 sampled @ 0830 on 4/10/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailor						
Project Number: <u>2024.1111</u>			Task #: _____			Start Date: <u>4/7/2025</u>		Time: <u>1500</u>				
Field Personnel: <u>L. Filer</u>												
WELL INFORMATION						EVENT TYPE						
Well ID: <u>185</u>						Well Development Well Volume Approach Sampling						
Casing ID: <u>2</u> <u>Inches</u>												
						Low-Flow Low Stress Sampling Other YSI SERIAL NO: <u>019766X</u> (Specify): Low Flow Heron Serial NO: <u>17443</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>1500</u>										<u>Clear</u>
Purge	5	<u>1505</u>		<u>40.65</u>		<u>14.4</u>	<u>7.41</u>	<u>761</u>	<u>1.05</u>	<u>14.58</u>	<u>110.5</u>	
	10	<u>1510</u>		<u>40.65</u>		<u>14.5</u>	<u>7.42</u>	<u>760</u>	<u>.95</u>	<u>14.64</u>	<u>102.9</u>	
	15	<u>1515</u>		<u>40.65</u>	<u>1GA</u>	<u>14.6</u>	<u>7.42</u>	<u>760</u>	<u>.86</u>	<u>9.85</u>	<u>89.7</u>	
*****	20	<u>1520</u>		<u>40.65</u>		<u>14.8</u>	<u>7.42</u>	<u>761</u>	<u>.79</u>	<u>9.35</u>	<u>80.1</u>	
	25	<u>1525</u>		<u>40.65</u>		<u>14.7</u>	<u>7.42</u>	<u>760</u>	<u>.81</u>	<u>10.50</u>	<u>74.2</u>	
	30	<u>1530</u>		<u>40.65</u>	<u>2GA</u>	<u>14.5</u>	<u>7.43</u>	<u>761</u>	<u>.82</u>	<u>10.30</u>	<u>71.7</u>	
	35	<u>1535</u>		<u>40.65</u>		<u>14.1</u>	<u>7.43</u>	<u>760</u>	<u>.74</u>	<u>11.21</u>	<u>68.9</u>	
↓	40	<u>1540</u>		<u>40.65</u>		<u>14.2</u>	<u>7.43</u>	<u>761</u>	<u>.75</u>	<u>10.27</u>	<u>67.7</u>	
Sample	45	<u>1545</u>		<u>40.65</u>	<u>3GAL</u>	<u>14.1</u>	<u>7.43</u>	<u>760</u>	<u>.74</u>	<u>10.91</u>	<u>67.0</u>	
	50	<u>1550</u>										
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>1545</u> on <u>4/17/2025</u> <u>Dope @ 1605</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

40.65

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer										
Project Number: 2024.1111		Task #:		Start Date: <u>4/8</u> /2025		Time: <u>0820</u>								
Field Personnel: <u>Lorne</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>18D</u> Casing ID: <u>2</u> <u>Inches</u>				Well Development Well Volume Approach Sampling <u>200mL</u>				Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: <u>V119760X</u> Heron Serial NO: <u>17448</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>0820</u>		<u>40.70</u>								<u>Clear</u>		
Purge	5	<u>0825</u>		<u>40.70</u>		<u>15.3</u>	<u>6.93</u>	<u>823</u>	<u>.96</u>	<u>9.10</u>	<u>169.0</u>			
	10	<u>0830</u>	<u>1 GAL</u>	<u>40.70</u>		<u>15.5</u>	<u>6.96</u>	<u>820</u>	<u>.64</u>	<u>17.30</u>	<u>159.8</u>			
	15	<u>0835</u>		<u>40.70</u>		<u>15.6</u>	<u>6.98</u>	<u>820</u>	<u>.60</u>	<u>35.35</u>	<u>150.4</u>			
*****	20	<u>0840</u>		<u>40.70</u>		<u>15.5</u>	<u>6.99</u>	<u>821</u>	<u>.55</u>	<u>47.72</u>	<u>144.7</u>			
	25	<u>0845</u>	<u>2 GAL</u>	<u>40.70</u>		<u>15.6</u>	<u>7.00</u>	<u>821</u>	<u>.53</u>	<u>87.12</u>	<u>136.9</u>			
	30	<u>0850</u>		<u>40.70</u>		<u>15.6</u>	<u>7.01</u>	<u>822</u>	<u>.37</u>	<u>111.93</u>	<u>124.2</u>			
	35	<u>0855</u>		<u>40.70</u>		<u>15.6</u>	<u>7.02</u>	<u>823</u>	<u>.35</u>	<u>106.62</u>	<u>101.3</u>			
	40	<u>0900</u>	<u>4 GAL</u>	<u>40.70</u>		<u>15.7</u>	<u>7.02</u>	<u>822</u>	<u>.35</u>	<u>159.22</u>	<u>76.7</u>			
	45	<u>0905</u>		<u>40.70</u>		<u>15.7</u>	<u>7.03</u>	<u>821</u>	<u>.36</u>	<u>68.69</u>	<u>41.6</u>			
	50	<u>0910</u>		<u>40.70</u>		<u>15.8</u>	<u>7.03</u>	<u>820</u>	<u>.36</u>	<u>111.11</u>	<u>13.0</u>			
	55	<u>0915</u>	<u>5 GAL</u>	<u>40.70</u>		<u>15.7</u>	<u>7.04</u>	<u>819</u>	<u>.36</u>	<u>79.72</u>	<u>-2.2</u>			
↓	60	<u>0920</u>		<u>40.70</u>		<u>15.7</u>	<u>7.04</u>	<u>818</u>	<u>.36</u>	<u>101.22</u>	<u>-8.1</u>	✓		
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>920</u> on <u>8/14</u> /2025 <u>4/8/25</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>		Sampling Equipment <u>Used (Circle One)</u> :									
Project Number: <u>2024.1111</u>		Task #: _____		Start Date: <u>4/18</u> /2025		Time: <u>1345</u>		Dedicated Bladder		<u>Peristaltic Pump</u>		Portable Bladder Bailer	
Field Personnel: <u>GC Assembly</u>													
WELL INFORMATION					EVENT TYPE								
Well ID: <u>21R</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>4115434X</u>		
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4109255X</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>1350</u>	0.0	<u>5.61</u>	—	—	—	—	—	—	—	—	
Purge	5	<u>1355</u>	<u>0.52</u>	<u>5.61</u>		<u>12.2</u>	<u>7.31</u>	<u>880</u>	<u>0.30</u>	<u>283.72</u>	<u>-163.8</u>	<u>Clear</u>	
	10	<u>1400</u>	<u>0.5</u>	<u>5.61</u>		<u>12.2</u>	<u>7.18</u>	<u>975</u>	<u>0.00</u>	<u>500.00</u>	<u>-164.7</u>	<u>" "</u>	
	15	<u>1405</u>	<u>1</u>	<u>5.61</u>		<u>12.2</u>	<u>7.23</u>	<u>997</u>	<u>0.04</u>	<u>123.25</u>	<u>-165.8</u>	<u>" "</u>	
*****	20	<u>1410</u>	<u>2</u>	<u>5.63</u>		<u>12.3</u>	<u>7.23</u>	<u>996</u>	<u>0.03</u>	<u>345.11</u>	<u>-166.7</u>	<u>" "</u>	
	25	<u>1415</u>	<u>3</u>	<u>5.63</u>		<u>12.2</u>	<u>7.24</u>	<u>917</u>	<u>0.04</u>	<u>105.32</u>	<u>-167.8</u>	<u>" "</u>	
	30	<u>1420</u>	<u>3.5</u>	<u>5.63</u>		<u>12.2</u>	<u>7.24</u>	<u>995</u>	<u>0.06</u>	<u>110.72</u>	<u>-168.4</u>	<u>" "</u>	
↓	35	<u>1425</u>	<u>4</u>	<u>5.63</u>		<u>12.2</u>	<u>7.24</u>	<u>997</u>	<u>0.06</u>	<u>107.32</u>	<u>-168.8</u>	<u>" "</u>	
Sample	40	<u>1430</u>	<u>4.5</u>	<u>5.63</u>		—	—	—	—	—	—	—	
	45												
	50												
	55												
	60												
NOTES (continued)									ABBREVIATIONS				
Sampled @ <u>1430</u> on <u>4/18</u> / 2025									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -				
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard				

21R Sampled @ 1430 on 4/18/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: 2024.1111		Task #:		Start Date: <u>4/9</u> /2025		Time: <u>1415</u>						
Field Personnel: <u>G. Assalling</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>22</u>					Well Development							
Casing ID: _____ Inches					Well Volume Approach Sampling							
					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>415934X</u> (Specify): Low Flow Heron Serial NO: <u>418235X</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>1415</u>	<u>—</u>	<u>Below bladder</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Purge	5	<u>1420</u>	<u>0.5</u>	<u>" "</u>	<u>—</u>	<u>15.0</u>	<u>7.44</u>	<u>902</u>	<u>0.10</u>	<u>2.44</u>	<u>35.3</u>	<u>Clear</u>
	10	<u>1425</u>	<u>1</u>	<u>" "</u>	<u>—</u>	<u>15.0</u>	<u>7.44</u>	<u>902</u>	<u>0.07</u>	<u>2.32</u>	<u>32.1</u>	<u>Clear</u>
	15	<u>1430</u>	<u>2</u>	<u>" "</u>	<u>—</u>	<u>15.0</u>	<u>7.43</u>	<u>902</u>	<u>0.04</u>	<u>2.70</u>	<u>31.0</u>	<u>" "</u>
<u>Sample</u>	20	<u>1435</u>	<u>3</u>	<u>" "</u>	<u>—</u>	<u>15.1</u>	<u>7.43</u>	<u>902</u>	<u>0.08</u>	<u>3.05</u>	<u>30.1</u>	<u>" "</u>
	25	<u>1440</u>	<u>4</u>	<u>" "</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			
Sampled @ <u>1440</u> on <u>4/9</u> / 2025									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

22 sampled @ 1440 on 4/9/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer						
Project Number: <u>2024.1111</u>			Task #:			Start Date: <u>4/9</u> /2025			Time: <u>1250</u>			
Field Personnel: <u>G. Kraling</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>22D</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>115934X</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>2109335X</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>1300</u>	<u>—</u>	<u>19.15</u>		<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Purge	5	<u>1305</u>	<u>0.5</u>	<u>19.15</u>		<u>14.3</u>	<u>7.04</u>	<u>984</u>	<u>0.61</u>	<u>13.85</u>	<u>-106.5</u>	<u>Clear</u>
	10	<u>1310</u>	<u>1</u>	<u>19.15</u>		<u>14.8</u>	<u>7.05</u>	<u>985</u>	<u>0.67</u>	<u>5.50</u>	<u>-114.5</u>	<u>Clear</u>
	15	<u>1315</u>	<u>2</u>	<u>19.15</u>		<u>14.8</u>	<u>7.05</u>	<u>983</u>	<u>0.73</u>	<u>5.66</u>	<u>-115.2</u>	<u>" "</u>
<u>*****</u>	20	<u>1320</u>	<u>3</u>	<u>19.15</u>		<u>14.9</u>	<u>7.06</u>	<u>983</u>	<u>0.64</u>	<u>8.95</u>	<u>-114.3</u>	<u>" "</u>
Sample	25	<u>1325</u>	<u>—</u>	<u>19.15</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			
Sampled @ <u>1325</u> on <u>4/9</u> / 2025									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -			
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

22D sampled @ 1325 on 4/9/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer										
Project Number: <u>2024.1111</u>		Task #:		Start Date: <u>4/9/2025</u>		Time: <u>1220</u>								
Field Personnel: <u>G. Assalmy</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>23</u>				Well Development		Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>6115934X</u>					
Casing ID: _____ Inches				Well Volume Approach Sampling		(Specify): Low Flow			Heron Serial NO: <u>U159355X</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>1220</u>	<u>—</u>	<u>17.09</u>	<u>—</u>	<u>—</u>	<u>7.10</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>47.0</u>	<u>—</u>		
Purge	5	<u>1225</u>	<u>0.3x</u>	<u>17.08</u>	<u>—</u>	<u>13.1</u>	<u>7.10</u>	<u>1064</u>	<u>1.00</u>	<u>5.50</u>	<u>41.0</u>	<u>Clear</u>		
	10	<u>1230</u>	<u>1</u>	<u>17.08</u>	<u>—</u>	<u>13.2</u>	<u>7.17</u>	<u>1072</u>	<u>0.13</u>	<u>7.15</u>	<u>62.5</u>	<u>" "</u>		
	15	<u>1235</u>	<u>2</u>	<u>17.05</u>	<u>—</u>	<u>13.2</u>	<u>7.19</u>	<u>1079</u>	<u>0.07</u>	<u>9.54</u>	<u>-60.4</u>	<u>" "</u>		
****	20	<u>1240</u>	<u>3</u>	<u>—</u>	<u>—</u>	<u>13.1</u>	<u>7.19</u>	<u>1074</u>	<u>0.05</u>	<u>8.72</u>	<u>-59.7</u>	<u>" "</u>		
Sample	25	<u>1245</u>	<u>3.5</u>	<u>—</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					
Sampled @ <u>1245</u> on <u>4/9/2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

23 sampled @ 1245 on 4/9/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer								
Project Number: <u>2024.1111</u>			Task #: _____			Start Date: <u>4/8/2025</u>		Time: <u>1520</u>						
Field Personnel: <u>G. AMALY</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>27</u> Casing ID: _____ Inches					Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: 4111 <u>4111</u> Heron Serial NO: <u>41097</u> <u>55X</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>1525</u>	<u>—</u>	<u>4.04</u>		<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>		
Purge	5	<u>1530</u>	<u>0.5</u>	<u>4.08</u>		<u>11.3</u>	<u>7.00</u>	<u>975</u>	<u>0.37</u>	<u>39.17</u>	<u>-60.7</u>	<u>clear</u>		
	10	<u>1535</u>	<u>1</u>	<u>4.07</u>		<u>11.3</u>	<u>6.99</u>	<u>973</u>	<u>0.15</u>	<u>56.95</u>	<u>-63.7</u>	<u>✓</u>		
	15	<u>1540</u>	<u>1.5</u>	<u>4.07</u>		<u>11.3</u>	<u>6.98</u>	<u>972</u>	<u>0.12</u>	<u>63.75</u>	<u>-65.0</u>	<u>✓</u>		
*****	20	<u>1545</u>	<u>2</u>	<u>4.08</u>		<u>11.2</u>	<u>6.99</u>	<u>973</u>	<u>0.19</u>	<u>41.74</u>	<u>-60.7</u>	<u>✓</u>		
	25	<u>1550</u>	<u>3</u>	<u>4.07</u>		<u>11.2</u>	<u>6.99</u>	<u>972</u>	<u>0.24</u>	<u>44.03</u>	<u>-66.6</u>	<u>✓</u>		
↓	30	<u>1555</u>	<u>4</u>	<u>4.06</u>		<u>11.2</u>	<u>6.99</u>	<u>971</u>	<u>0.27</u>	<u>43.72</u>	<u>-67.4</u>	<u>✓</u>		
Sample	35	<u>1600</u>												
Sample	40	<u>1605</u>												
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1600</u> on <u>3/8/2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

27 sampled @ 1600 on 4/8/25

27-FD sampled @ 1605 on 4/8/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: 2024.1111		Task #:		Start Date: <u>4/8</u> /2025		Time: <u>1030</u>						
Field Personnel: <u>G. Assalicy</u>												
WELL INFORMATION				EVENT TYPE								
Well ID: <u>32</u>				Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>4159547</u>				
Casing ID: _____ Inches				Well Volume Approach Sampling		(Specify): Low Flow		Heron Serial NO: <u>4159555X</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>1030</u>	—	<u>4.99</u>	—	—	—	—	—	—	—	—
Purge	5	<u>1035</u>	<u>0.52</u>	<u>4.99</u>	—	<u>9.5</u>	<u>6.89</u>	<u>1035</u>	<u>0.59</u>	<u>13.70</u>	<u>150.3</u>	<u>Clear</u>
	10	<u>1040</u>	<u>0.5</u>	<u>4.99</u>	—	<u>9.7</u>	<u>6.84</u>	<u>1034</u>	<u>0.27</u>	<u>13.47</u>	<u>148.4</u>	<u>" "</u>
	15	<u>1045</u>	<u>1</u>	<u>4.99</u>	—	<u>9.7</u>	<u>6.89</u>	<u>1031</u>	<u>0.10</u>	<u>13.25</u>	<u>145.7</u>	<u>" "</u>
<u>***</u>	20	<u>1050</u>	<u>1.5</u>	<u>4.99</u>	—	<u>9.8</u>	<u>6.89</u>	<u>1029</u>	<u>0.18</u>	<u>13.57</u>	<u>145.3</u>	<u>" "</u>
<u>Sample</u>	25	<u>1055</u>	<u>1.5</u>	<u>4.99</u>	—	—	—	—	—	—	—	—
	30											
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>1055</u> on <u>4/8</u> / 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>		Sampling Equipment Used (Circle One):										
Project Number: <u>2024.1111</u>		Task #: _____		Start Date: <u>4/8/2025</u>		Time: <u>1245</u>		Dedicated Bladder		<u>Peristaltic Pump</u>		Portable Bladder Bailer		
Field Personnel: <u>G. Asanang</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>34</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>6115934X</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling				(Specify): Low Flow				Heron Serial NO: <u>4129355X</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>1245</u>	—	<u>3.99</u>	—	—	—	—	—	—	—	—		
Purge	5	<u>1250</u>	<u>0.52</u>	<u>3.99</u>	—	<u>11.4</u>	<u>6.89</u>	<u>1079</u>	<u>5.57</u>	<u>27.84</u>	<u>136.1</u>	<u>Clear</u>		
	10	<u>1255</u>	<u>0.5</u>	<u>3.99</u>		<u>11.7</u>	<u>6.77</u>	<u>1093</u>	<u>3.04</u>	<u>29.44</u>	<u>-14.7</u>	<u>↑</u>		
	15	<u>1300</u>	<u>1</u>	<u>3.99</u>		<u>11.9</u>	<u>6.72</u>	<u>1140</u>	<u>1.14</u>	<u>27.77</u>	<u>-48.6</u>	<u>↑</u>		
*****	20	<u>1305</u>	<u>2</u>	<u>3.98</u>		<u>11.9</u>	<u>6.70</u>	<u>1170</u>	<u>0.29</u>	<u>13.86</u>	<u>-75.7</u>	<u>↑</u>		
	25	<u>1310</u>	<u>2.5</u>	<u>3.99</u>		<u>12.0</u>	<u>6.71</u>	<u>1174</u>	<u>0.32</u>	<u>13.54</u>	<u>-77.7</u>	<u>↑</u>		
↓	30	<u>1315</u>	<u>3</u>	<u>3.98</u>		<u>12.0</u>	<u>6.70</u>	<u>1182</u>	<u>0.27</u>	<u>13.72</u>	<u>-82.4</u>	<u>↑</u>		
Sample	35	<u>1320</u>	<u>4.5</u>	<u>3.99</u>		—	—	—	—	—	—	—		
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1320</u> on <u>4/8/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -					
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard					

34 Sampled @ 1320 on 4/8/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): Dedicated Bladder ☒ Peristaltic Pump ☐ Portable Bladder ☐ Bailor ☐								
Project Number: <u>2024.1111</u>			Task #: _____			Start Date: <u>8/8/2025</u>		Time: <u>1120</u>						
Field Personnel: <u>C. Assalery</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>35</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>41154297</u>			
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>412355X</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>1125</u>	<u>0</u>	<u>8.29</u>	—	—	—	—	—	—	—	—		
Purge	5	<u>1130</u>	<u>0.52</u>	<u>8.28</u>	—	<u>11.1</u>	<u>6.87</u>	<u>740</u>	<u>0.66</u>	<u>84.27</u>	<u>150.4</u>	<u>Clear</u>		
	10	<u>1135</u>	<u>0.1</u>	<u>8.30</u>	—	<u>11.1</u>	<u>6.84</u>	<u>819</u>	<u>0.20</u>	<u>126.89</u>	<u>151.2</u>	<u>" "</u>		
	15	<u>1140</u>	<u>2</u>	<u>8.29</u>	—	<u>11.2</u>	<u>6.83</u>	<u>823</u>	<u>0.10</u>	<u>139.27</u>	<u>151.2</u>	<u>" "</u>		
*****	20	<u>1145</u>	<u>3</u>	<u>8.29</u>	—	<u>11.1</u>	<u>6.83</u>	<u>961</u>	<u>0.07</u>	<u>164.83</u>	<u>151.1</u>	<u>" "</u>		
	25	<u>1150</u>	<u>3.5</u>	<u>8.29</u>	—	<u>11.2</u>	<u>6.82</u>	<u>910</u>	<u>0.04</u>	<u>170.74</u>	<u>151.0</u>	<u>" "</u>		
↓	30	<u>1155</u>	<u>4</u>	<u>8.23</u>	—	<u>11.2</u>	<u>6.82</u>	<u>911</u>	<u>0.02</u>	<u>172.35</u>	<u>150.6</u>	<u>" "</u>		
Sample	35	<u>1200</u>	<u>4.5</u>	<u>8.50</u>	—	—	—	—	—	—	—	—		
	40													
	45													
	50													
	55													
	60													
NOTES (continued)								ABBREVIATIONS						
Sampled @ <u>1200</u> on <u>8/8</u> / 2025								Cond. - Actual Conductivity					ORP - Oxidation-Reduction Potential SEC -	
								FT BTOC - Feet Below Top of Casing na -					Specific Electrical Conductance SU - Standard	

sampled @ 1200 3/8/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION			
Site: <u>Hennepin</u>	Client: <u>Vistra</u>	Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailor	
Project Number: <u>2024.1111</u>	Task #: _____	Start Date: <u>4/18/2025</u>	Time: <u>1115</u>
Field Personnel: <u>Lorne</u>			

WELL INFORMATION	EVENT TYPE
Well ID: <u>4DS</u>	Well Development Well Volume Approach Sampling <u>200mL</u> <u>Low-Flow</u> Low Stress Sampling Other (Specify): Low Flow
Casing ID: <u>2</u> Inches	
YSI SERIAL NO: <u>0119766X</u> Heron Serial NO: <u>174HB</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>1115</u>		<u>40.60</u>								<u>clear</u>
Purge	5	<u>1120</u>				<u>14.2</u>	<u>7.54</u>	<u>746</u>	<u>1.04</u>	<u>7.67</u>	<u>113.2</u>	<u>↑</u>
	10	<u>1125</u>		<u>40.59</u>		<u>14.3</u>	<u>7.55</u>	<u>744</u>	<u>.98</u>	<u>7.64</u>	<u>109.7</u>	<u>↑</u>
	15	<u>1130</u>	<u>1GAL</u>	<u>40.62</u>		<u>14.4</u>	<u>7.56</u>	<u>743</u>	<u>.95</u>	<u>6.32</u>	<u>106.2</u>	<u>↑</u>
*****	20	<u>1135</u>				<u>14.5</u>	<u>7.56</u>	<u>744</u>	<u>.93</u>	<u>5.73</u>	<u>104.3</u>	<u>↓</u>
	25	<u>1140</u>	<u>2GAL</u>	<u>40.61</u>		<u>14.5</u>	<u>7.57</u>	<u>743</u>	<u>.93</u>	<u>5.59</u>	<u>102.9</u>	<u>↓</u>
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)	ABBREVIATIONS
Sampled @ <u>1140</u> on <u>4/18</u> / 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>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer										
Project Number: <u>2024.1111</u>		Task #:		Start Date: <u>7/8/2025</u>		Time: <u>0945</u>								
Field Personnel: <u>Lorne</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>453</u>				Well Development				<u>Low-Flow / Low Stress Sampling Other</u>				YSI SERIAL NO: <u>1192616</u>		
Casing ID: <u>2</u> <u>Inches</u>				Well Volume Approach Sampling				(Specify): <u>Low Flow</u>				Heron Serial NO: <u>174713</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>0945</u>		<u>20.45</u>								↓ <u>clear</u>		
Purge	5	<u>0950</u>		<u>20.45</u>		<u>16.4</u>	<u>6.92</u>	<u>924</u>	<u>1.23</u>	<u>22.45</u>	<u>96.3</u>			
	10	<u>0955</u>		<u>20.45</u>		<u>16.5</u>	<u>6.93</u>	<u>926</u>	<u>1.12</u>	<u>15.83</u>	<u>95.9</u>			
	15	<u>1000</u>	<u>1 GAL</u>	<u>20.45</u>		<u>16.5</u>	<u>6.94</u>	<u>925</u>	<u>1.21</u>	<u>17.18</u>	<u>96.0</u>			
*****	20	<u>1005</u>		<u>20.45</u>		<u>15.9</u>	<u>6.95</u>	<u>926</u>	<u>1.19</u>	<u>12.01</u>	<u>96.2</u>			
	25	<u>1010</u>		<u>20.45</u>		<u>15.8</u>	<u>6.96</u>	<u>925</u>	<u>1.19</u>	<u>12.21</u>	<u>96.3</u>			
	30	<u>1015</u>	<u>2 GAL</u>	<u>20.45</u>		<u>15.8</u>	<u>6.96</u>	<u>924</u>	<u>1.19</u>	<u>11.99</u>	<u>96.3</u>			
	35	<u>1020</u>												
	40	<u>1025</u>												
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1015</u> on <u>8/14</u> / 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: Hennepin		Client: Vistra		Sampling Equipment Used (Circle One):										
Project Number: 2024.1111		Task #:		Start Date: 4/9/2025		Time: 1210		☒ Dedicated Bladder ☐ Peristaltic Pump ☐ Portable Bladder ☐ Bailer						
Field Personnel: Lorne														
WELL INFORMATION				EVENT TYPE										
Well ID: 46				Well Development					Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: U119760K	
Casing ID: 2 Inches				Well Volume Approach Sampling 20cm					(Specify): Low Flow				Heron Serial NO: 17443	
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	1210		51.52								Clear		
Purge	5	1215		51.52		15.4	6.93	813	4.82	4.56	214.6			
	10	1220		51.52		15.5	6.96	813	4.72	4.72	205.9			
	15	1225		51.52		15.7	6.98	811	4.68	4.99	198.9			
*****	20	1230		51.52		15.6	6.99	809	4.66	4.99	191.9			
	25	1235		51.52		15.7	7.00	811	4.66	4.98	187.2			
	30	1240		51.52		15.4	7.01	820	4.66	5.03	186.2			
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ 1240 on 4/9/2025									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing ne -				Specific Electrical Conductance SU - Standard	

Dupe @ 1300

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: Hennepin		Client: Vistra		Sampling Equipment Used (Circle One):										
Project Number: 2024.1111		Task #:		Start Date: 4/9/2025		Time: 1320		☒ Dedicated Bladder ☐ Peristaltic Pump ☐ Portable Bladder ☐ Bailor						
Field Personnel: Corne														
WELL INFORMATION					EVENT TYPE									
Well ID: 47					Well Development			☒ Low-Flow / ☐ Low Stress Sampling Other			YSI SERIAL NO: U119762K			
Casing ID: 2 Inches					Well Volume Approach Sampling 200mL			(Specify): Low Flow			Heron Serial NO: 174413			
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	1320		55.85								Clear		
Purge	5	1325	1 GAL	55.85		16.8	6.98	783	3.31	10.15	167.0			
	10	1330		55.85		16.9	6.98	794	3.26	9.45	167.1			
	15	1335	2 GAL	55.85		17.1	6.98	784	3.20	10.50	166.5			
*****	20	1340		55.85		17.0	6.99	784	3.21	11.09	165.2			
	25	1345	3 GAL	55.85		17.1	6.99	784	3.20	11.98	164.9			
	30													
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)								ABBREVIATIONS						
Sampled @ 1345 on 4/9/2025								Cond. - Actual Conductivity					ORP - Oxidation-Reduction Potential SEC -	
								FT BTOC - Feet Below Top of Casing na -					Specific Electrical Conductance SU - Standard	

54.00

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer						
Project Number: 2024.1111			Task #:			Start Date: <u>4/9/2025</u>		Time: <u>0940</u>				
Field Personnel: <u>G. Assalmy</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>49</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>1115934X</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4109135X</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>0945</u>	<u>—</u>	<u>21.61</u>		<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Purge	5	<u>0950</u>	<u>0.5</u>	<u>21.60</u>		<u>14.2</u>	<u>6.82</u>	<u>994</u>	<u>0.32</u>	<u>12.20</u>	<u>15.4</u>	<u>Clear</u>
	10	<u>0955</u>	<u>0.5</u>	<u>21.61</u>		<u>14.2</u>	<u>6.83</u>	<u>994</u>	<u>0.09</u>	<u>4.97</u>	<u>29.6</u>	<u>" "</u>
	15	<u>1000</u>	<u>1</u>	<u>21.60</u>		<u>14.2</u>	<u>6.83</u>	<u>997</u>	<u>0.04</u>	<u>8.14</u>	<u>27.4</u>	<u>" "</u>
<u>*****</u>	20	<u>1005</u>	<u>2</u>	<u>21.62</u>		<u>14.2</u>	<u>6.83</u>	<u>997</u>	<u>0.12</u>	<u>6.31</u>	<u>38.4</u>	<u>" "</u>
<u>Sample</u>	25	<u>1010</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			
Sampled @ <u>1010</u> on <u>4/9/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -			
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

49 Sampled @ 1010 on 4/9/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>			Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer							
Project Number: 2024.1111		Task #:		Start Date: <u>4/9/2025</u>		Time: <u>1025</u>						
Field Personnel: <u>G. A. Belling</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>50</u> Casing ID: _____ Inches					Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: <u>4115874X</u> Heron Serial NO: <u>4109335X</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	1030	—	16.58		—	—	—	—	—	—	—
Purge	5	1035	0.5	16.58		14.0	7.54	788	0.53	9.43	37.7	clear
	10	1040	0.5	16.58		14.0	7.42	814	0.36	5.13	38.5	clear
	15	1045	1	16.58		14.1	7.40	821	0.33	21.34	38.0	clear
*****	20	1050	1.5	16.58		14.1	7.40	822	0.31	6.29	38.0	clear
	25	1055	2.5	16.58		14.1	7.40	822	0.22	4.09	38.1	clear
↓	30	1100	3	16.58		14.2	7.40	822	0.28	9.86	38.1	clear
Sand	35	1105				—	—	—	—	—	—	—
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>1105</u> on <u>4/9/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

50 sampled @ 1105 on 4/9/25

MSMSD

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: <u>2024.1111</u>		Task #:		Start Date: <u>4/9/2025</u>		Time: <u>0840</u>						
Field Personnel: <u>G. Aschally</u>												
WELL INFORMATION				EVENT TYPE								
Well ID: <u>51</u>				Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>41150934X</u>				
Casing ID: _____ Inches				Well Volume Approach Sampling		(Specify): Low Flow		Heron Serial NO: <u>4109585X</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>0845</u>	—	<u>18.2</u>		—	—	—	—	—	—	—
Purge	5	<u>0850</u>	<u>0.52</u>			<u>12.0</u>	<u>7.01</u>	<u>946</u>	<u>0.63</u>	<u>14.31</u>	<u>-115.7</u>	<u>clear</u>
	10	<u>0855</u>	<u>0.5</u>	<u>18.49</u>		<u>11.9</u>	<u>7.06</u>	<u>947</u>	<u>1.29</u>	<u>25.71</u>	<u>-113.3</u>	<u>clear</u>
	15	<u>0900</u>	<u>1</u>			<u>11.9</u>	<u>7.08</u>	<u>946</u>	<u>0.33</u>	<u>39.07</u>	<u>-127.0</u>	<u>" "</u>
*****	20	<u>0905</u>	<u>2</u>	<u>18.30</u>		<u>11.9</u>	<u>7.10</u>	<u>945</u>	<u>0.16</u>	<u>68.48</u>	<u>-135.8</u>	<u>" "</u>
	25	<u>0910</u>	<u>3</u>			<u>11.8</u>	<u>7.11</u>	<u>945</u>	<u>0.16</u>	<u>68.42</u>	<u>-138.3</u>	<u>" "</u>
	30	<u>0915</u>				<u>11.8</u>	<u>7.11</u>	<u>947</u>	<u>0.09</u>	<u>60.72</u>	<u>-139.4</u>	<u>" "</u>
Sample	35	<u>0920</u>	<u>4</u>	<u>18.34</u>		—	—	—	—	—	—	—
	40											
	45											
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sampled @ <u>0920</u> on <u>4/9/2025</u>								Cond. - Actual Conductivity				
								FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard				

51 sampled @ 0920 on 4/9/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailor										
Project Number: <u>2024.1111</u>		Task #:		Start Date: <u>4/9</u> /2025		Time: <u>1420</u>								
Field Personnel: <u>L. Filewitz</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>52</u> Casing ID: <u>2</u> <u>Inches</u>				Well Development Well Volume Approach Sampling <u>2.00m</u>					Low-Flow / Low Stress Sampling Other (Specify): <u>Low Flow</u>				YSI SERIAL NO: <u>011970de</u> Heron Serial NO: <u>17460</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>1420</u>		<u>54.00</u>								<u>Clear</u>		
Purge	5	<u>1425</u>		<u>54.00</u>		<u>16.8</u>	<u>7.03</u>	<u>818</u>	<u>2.95</u>	<u>7.35</u>	<u>145.0</u>			
	10	<u>1430</u>	<u>1 GAL</u>	<u>54.00</u>		<u>16.9</u>	<u>7.03</u>	<u>816</u>	<u>2.76</u>	<u>7.15</u>	<u>142.9</u>			
	15	<u>1435</u>		<u>54.00</u>		<u>17.1</u>	<u>7.02</u>	<u>818</u>	<u>2.57</u>	<u>6.83</u>	<u>138.3</u>			
*****	20	<u>1440</u>	<u>2 GAL</u>	<u>54.00</u>		<u>17.1</u>	<u>7.02</u>	<u>820</u>	<u>2.57</u>	<u>7.00</u>	<u>135.2</u>			
	25	<u>1445</u>	<u>2.5 GAL</u>	<u>54.00</u>		<u>17.0</u>	<u>7.03</u>	<u>819</u>	<u>2.58</u>	<u>7.14</u>	<u>132.5</u>			
	30													
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1445</u> on <u>4/9</u> , 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>	Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer	
Project Number: <u>2024.1111</u>	Task #: _____	Start Date: <u>4/9</u> /2025	Time: <u>1030</u>
Field Personnel: _____			

WELL INFORMATION	EVENT TYPE
Well ID: <u>54</u> Casing ID: <u>2</u> <u>Inches</u>	Well Development Well Volume Approach Sampling Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>019766 K</u> (Specify): Low Flow <u>200mL</u> Heron Serial NO: <u>17448</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	1030		53.30								Clear
Purge	5	1035		53.30		15.5	7.21	761	3.08	6.89	161.9	
	10	1040	1.41	53.30		15.7	7.21	762	2.19	8.07	159.1	
	15	1045		53.30		15.7	7.22	760	1.92	6.78	156.3	
*****	20	1050		53.30		15.8	7.22	760	1.73	6.00	151.9	
	25	1055	2.61	53.30		16.0	7.22	760	1.72	5.46	151.6	
	30	1100		53.30		15.9	7.22	759	1.72	5.12	149.5	
	35	1105	2.56	53.30								
	40											
	45											
	50											
	55											
	60											

NOTES (continued)	ABBREVIATIONS
Sampled @ <u>1100</u> on <u>4/9</u> / 2025	Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard

**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 2, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
21/21R	UA	E009	Antimony, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.003	0.001
21/21R	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/08/25	36	0	CB around linear reg	0.0241	0.001
21/21R	UA	E009	Barium, total	mg/L	12/10/15 - 04/08/25	35	0	CB around linear reg	0.306	0.156
21/21R	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.001	0.001
21/21R	UA	E009	Boron, total	mg/L	12/10/15 - 04/08/25	36	0	CB around T-S line	1.62	0.205
21/21R	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.0005	0.001
21/21R	UA	E009	Chloride, total	mg/L	12/10/15 - 04/08/25	38	0	CB around linear reg	99.2	108
21/21R	UA	E009	Chromium, total	mg/L	12/10/15 - 04/08/25	35	66	CB around T-S line	0.00192	0.00130
21/21R	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/08/25	35	71	CI around median	0.001	0.00170
21/21R	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/08/25	36	8	CI around median	0.14	0.170
21/21R	UA	E009	Lead, total	mg/L	12/10/15 - 04/08/25	35	46	CI around median	0.001	0.001
21/21R	UA	E009	Lithium, total	mg/L	12/10/15 - 04/08/25	35	0	CB around linear reg	0.0239	0.0140
21/21R	UA	E009	Mercury, total	mg/L	12/10/15 - 04/08/25	35	97	CI around median	0.0002	0.0002
21/21R	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/08/25	35	3	CB around linear reg	0.00787	0.00200
21/21R	UA	E009	pH (field)	SU	12/10/15 - 04/08/25	38	0	CI around mean	7.4/7.5	6.7/7.4
21/21R	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/08/25	28	0	CI around mean	0.89	2.60
21/21R	UA	E009	Selenium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.0025	0.00110
21/21R	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/08/25	38	0	CB around T-S line	37.2	117
21/21R	UA	E009	Thallium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.002	0.001
21/21R	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/08/25	36	0	CB around T-S line	619	830
22	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	38	92	CB around T-S line	0.001	0.001
22	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	42	74	CI around median	0.001	0.001
22	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	38	0	CB around T-S line	0.0542	0.156
22	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.001
22	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	43	0	CB around T-S line	2.54	0.205
22	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.0047	0.001
22	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	45	0	CB around T-S line	91.1	108

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.005	0.00130
22	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.002	0.00170
22	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	5	CI around median	0.15	0.170
22	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	38	97	CB around T-S line	0.000928	0.001
22	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	42	0	CB around T-S line	0.0442	0.0140
22	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.0002
22	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	42	0	CB around T-S line	0.0467	0.00200
22	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	41	0	CI around median	7.6/7.7	6.7/7.4
22	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	29	0	CI around mean	0.38	2.60
22	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	38	0	CI around mean	0.0132	0.00110
22	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	88	117
22	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	38	95	CB around T-S line	0.002	0.001
22	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	580	830
22D	UA	E009	Antimony, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.003	0.001
22D	UA	E009	Arsenic, total	mg/L	09/17/19 - 04/09/25	22	23	CI around median	0.0011	0.001
22D	UA	E009	Barium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0667	0.156
22D	UA	E009	Beryllium, total	mg/L	09/17/19 - 04/09/25	21	100	All ND - Last	0.001	0.001
22D	UA	E009	Boron, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	1.06	0.205
22D	UA	E009	Cadmium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0005	0.001
22D	UA	E009	Chloride, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	91.9	108
22D	UA	E009	Chromium, total	mg/L	09/17/19 - 04/09/25	22	91	CB around T-S line	0.0015	0.00130
22D	UA	E009	Cobalt, total	mg/L	09/17/19 - 04/09/25	22	96	CI around median	0.001	0.00170
22D	UA	E009	Fluoride, total	mg/L	09/17/19 - 04/09/25	22	9	CI around median	0.11	0.170
22D	UA	E009	Lead, total	mg/L	09/17/19 - 04/09/25	22	91	CB around T-S line	0.000344	0.001
22D	UA	E009	Lithium, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	0.0151	0.0140
22D	UA	E009	Mercury, total	mg/L	12/11/19 - 04/09/25	21	100	All ND - Last	0.0002	0.0002
22D	UA	E009	Molybdenum, total	mg/L	09/17/19 - 04/09/25	22	4	CB around T-S line	0.00565	0.00200

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22D	UA	E009	pH (field)	SU	09/17/19 - 04/09/25	25	0	CI around mean	7.2/7.3	6.7/7.4
22D	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 04/09/25	19	0	CI around mean	0.872	2.60
22D	UA	E009	Selenium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0025	0.00110
22D	UA	E009	Sulfate, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	83.2	117
22D	UA	E009	Thallium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.002	0.001
22D	UA	E009	Total Dissolved Solids	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	615	830
23	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.003	0.001
23	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	42	90	CB around T-S line	0.001	0.001
23	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	38	0	CB around T-S line	0.0376	0.156
23	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.001
23	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	43	0	CB around T-S line	8.52	0.205
23	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0005	0.001
23	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	52.4	108
23	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.005	0.00130
23	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.00170
23	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	5	CI around median	0.15	0.170
23	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0005	0.001
23	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	42	12	CI around median	0.0048	0.0140
23	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.0002
23	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	42	0	CI around median	0.0147	0.00200
23	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	40	0	CI around mean	7.4/7.5	6.7/7.4
23	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	29	0	CI around mean	0.261	2.60
23	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0025	0.00110
23	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	45	0	CI around median	420	117
23	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.002	0.001
23	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	45	0	CI around mean	889	830
24/51	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.003	0.001

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
24/51	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	41	0	CI around mean	0.0205	0.001
24/51	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	36	0	CB around T-S line	0.11	0.156
24/51	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.001	0.001
24/51	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	41	0	CB around linear reg	1.14	0.205
24/51	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0005	0.001
24/51	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	43	0	CB around linear reg	104	108
24/51	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	36	78	CB around T-S line	0.00179	0.00130
24/51	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	36	75	CI around median	0.001	0.00170
24/51	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	36	6	CI around median	0.14	0.170
24/51	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	36	58	CI around median	0.001	0.001
24/51	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	40	0	CB around T-S line	0.0237	0.0140
24/51	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	35	100	All ND - Last	0.0002	0.0002
24/51	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	40	2	CB around linear reg	0.00736	0.00200
24/51	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	38	0	CB around linear reg	7.2/7.4	6.7/7.4
24/51	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	28	0	CB around linear reg	1.2	2.60
24/51	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0025	0.00110
24/51	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	43	0	CB around linear reg	76	117
24/51	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.002	0.001
24/51	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	43	0	CI around median	630	830
27	UA	E009	Antimony, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.003	0.001
27	UA	E009	Arsenic, total	mg/L	09/12/18 - 04/08/25	25	52	CI around median	0.001	0.001
27	UA	E009	Barium, total	mg/L	09/12/18 - 04/08/25	25	0	CI around median	0.0837	0.156
27	UA	E009	Beryllium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.001	0.001
27	UA	E009	Boron, total	mg/L	09/12/18 - 04/08/25	25	0	CI around median	2.27	0.205
27	UA	E009	Cadmium, total	mg/L	09/12/18 - 04/08/25	25	96	CB around T-S line	0.000372	0.001
27	UA	E009	Chloride, total	mg/L	03/08/16 - 04/08/25	30	0	CI around median	89	108
27	UA	E009	Chromium, total	mg/L	09/12/18 - 04/08/25	25	80	CB around T-S line	0.0015	0.00130

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
27	UA	E009	Cobalt, total	mg/L	09/12/18 - 04/08/25	25	0	CI around mean	0.00192	0.00170
27	UA	E009	Fluoride, total	mg/L	09/12/18 - 04/08/25	25	4	CI around median	0.12	0.170
27	UA	E009	Lead, total	mg/L	09/12/18 - 04/08/25	25	48	CI around median	0.00094	0.001
27	UA	E009	Lithium, total	mg/L	09/12/18 - 04/08/25	25	0	CI around mean	0.0214	0.0140
27	UA	E009	Mercury, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.0002	0.0002
27	UA	E009	Molybdenum, total	mg/L	09/12/18 - 04/08/25	25	36	CI around median	0.0044	0.00200
27	UA	E009	pH (field)	SU	03/08/16 - 04/08/25	30	0	CI around mean	7.1/7.2	6.7/7.4
27	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 04/08/25	19	0	CI around geomean	0.25	2.60
27	UA	E009	Selenium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.0025	0.00110
27	UA	E009	Sulfate, total	mg/L	03/08/16 - 04/08/25	30	0	CB around linear reg	90.7	117
27	UA	E009	Thallium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.002	0.001
27	UA	E009	Total Dissolved Solids	mg/L	03/08/16 - 04/08/25	30	0	CI around median	648	830
35	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.003	0.001
35	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	37	78	CI around median	0.001	0.001
35	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	0.0415	0.156
35	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.001	0.001
35	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	11.3	0.205
35	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.0005	0.001
35	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	38	0	CB around T-S line	17	108
35	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	37	97	CB around T-S line	0.0015	0.00130
35	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	37	43	CI around median	0.001	0.00170
35	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	38	3	CI around median	0.17	0.170
35	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	37	89	CB around T-S line	0.000724	0.001
35	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	0.0242	0.0140
35	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	36	100	All ND - Last	0.0002	0.0002
35	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	0.0488	0.00200
35	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	38	0	CB around linear reg	6.7/7.0	6.7/7.4

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
35	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	30	0	CI around median	0.31	2.60
35	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	37	97	CB around T-S line	0.001	0.00110
35	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	669	117
35	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.002	0.001
35	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	1,300	830
49	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.003	0.001
49	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	37	97	CI around median	0.001	0.001
49	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	37	0	CB around T-S line	0.0623	0.156
49	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.001	0.001
49	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	0.416	0.205
49	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	37	24	CI around geomean	0.00106	0.001
49	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	38	0	CI around median	100	108
49	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	37	97	CB around T-S line	0.0015	0.00130
49	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	37	0	CI around mean	0.00415	0.00170
49	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.15	0.170
49	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	37	92	CI around median	0.001	0.001
49	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	37	0	CI around mean	0.0241	0.0140
49	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.0002
49	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	37	0	CB around T-S line	0.0178	0.00200
49	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	39	0	CI around mean	7.1/7.2	6.7/7.4
49	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	30	0	CI around mean	0.357	2.60
49	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.0025	0.00110
49	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	69	117
49	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.002	0.001
49	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	578	830
50	UA	E009	Antimony, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.003	0.001
50	UA	E009	Arsenic, total	mg/L	09/17/19 - 04/09/25	22	91	CI around median	0.001	0.001

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
50	UA	E009	Barium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	0.0659	0.156
50	UA	E009	Beryllium, total	mg/L	09/17/19 - 04/09/25	21	100	All ND - Last	0.001	0.001
50	UA	E009	Boron, total	mg/L	09/17/19 - 04/09/25	22	0	CI around median	0.72	0.205
50	UA	E009	Cadmium, total	mg/L	09/17/19 - 04/09/25	22	4	CI around geomean	0.0011	0.001
50	UA	E009	Chloride, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	86.2	108
50	UA	E009	Chromium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.005	0.00130
50	UA	E009	Cobalt, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	0.00394	0.00170
50	UA	E009	Fluoride, total	mg/L	09/17/19 - 04/09/25	22	18	CB around T-S line	0.119	0.170
50	UA	E009	Lead, total	mg/L	09/17/19 - 04/09/25	22	96	CB around T-S line	0.000349	0.001
50	UA	E009	Lithium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0236	0.0140
50	UA	E009	Mercury, total	mg/L	12/11/19 - 04/09/25	21	100	All ND - Last	0.0002	0.0002
50	UA	E009	Molybdenum, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0349	0.00200
50	UA	E009	pH (field)	SU	09/17/19 - 04/09/25	25	0	CB around linear reg	7.4/7.7	6.7/7.4
50	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 04/09/25	18	0	CI around mean	0.617	2.60
50	UA	E009	Selenium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0025	0.00110
50	UA	E009	Sulfate, total	mg/L	09/17/19 - 04/09/25	22	0	CI around geomean	91.1	117
50	UA	E009	Thallium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.002	0.001
50	UA	E009	Total Dissolved Solids	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	606	830

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Notes:

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

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

Events:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

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