

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 Ash Ponds No. 2 and No. 4; IEPA ID # W1550100002-04 and
W1550100002-07**

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 Ash Ponds Number (No.) 2 and No. 4, identified by Illinois Environmental Protection Agency (IEPA) ID No. W1550100002-04 and No. W1550100002-07. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ of the GWPS.

Sincerely,



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

Enclosures

*Groundwater Monitoring Data and Detected Exceedances, Quarter 2, 2025, Ash Ponds No. 2 and
No. 4, 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 Ash Ponds No. 2 and No. 4. 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
ASH PONDS NO. 2 AND NO. 4, 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 Ash Ponds No. 2 and No. 4. 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 Ash Pond No. 2 and Ash Pond No. 4. 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
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
07	Background	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
07	Background	E009	04/08/2025	Arsenic, total	0.00023 U	mg/L
07	Background	E009	04/08/2025	Barium, total	0.0940	mg/L
07	Background	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
07	Background	E009	04/08/2025	Boron, total	0.0640 J+	mg/L
07	Background	E009	04/08/2025	Cadmium, total	0.00017 U	mg/L
07	Background	E009	04/08/2025	Calcium, total	130	mg/L
07	Background	E009	04/08/2025	Chloride, total	62.0	mg/L
07	Background	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
07	Background	E009	04/08/2025	Cobalt, total	0.00270	mg/L
07	Background	E009	04/08/2025	Dissolved Oxygen	5.35	mg/L
07	Background	E009	04/08/2025	Fluoride, total	0.097 J	mg/L
07	Background	E009	04/08/2025	Lead, total	0.00019 U	mg/L
07	Background	E009	04/08/2025	Lithium, total	0.00920	mg/L
07	Background	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
07	Background	E009	04/08/2025	Molybdenum, total	0.0025 U	mg/L
07	Background	E009	04/08/2025	Oxidation Reduction Potential	173	mV
07	Background	E009	04/08/2025	pH (field)	6.6	SU
07	Background	E009	04/08/2025	Radium 226 + Radium 228, total	0.697	pCi/L
07	Background	E009	04/08/2025	Selenium, total	0.00098 U	mg/L
07	Background	E009	04/08/2025	Specific Conductance @ 25C (field)	925	micromhos/cm
07	Background	E009	04/08/2025	Sulfate, total	59.0	mg/L
07	Background	E009	04/08/2025	Temperature	10.5	degrees C
07	Background	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
07	Background	E009	04/08/2025	Total Dissolved Solids	590	mg/L
07	Background	E009	04/08/2025	Turbidity, field	3.17	NTU
08	Background	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
08	Background	E009	04/08/2025	Arsenic, total	0.00023 U	mg/L
08	Background	E009	04/08/2025	Barium, total	0.100	mg/L
08	Background	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
08	Background	E009	04/08/2025	Boron, total	0.110 J+	mg/L
08	Background	E009	04/08/2025	Cadmium, total	0.00049 J	mg/L
08	Background	E009	04/08/2025	Calcium, total	170	mg/L
08	Background	E009	04/08/2025	Chloride, total	220	mg/L
08	Background	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
08	Background	E009	04/08/2025	Cobalt, total	0.00350	mg/L
08	Background	E009	04/08/2025	Dissolved Oxygen	1.30	mg/L
08	Background	E009	04/08/2025	Fluoride, total	0.089 J	mg/L
08	Background	E009	04/08/2025	Lead, total	0.00036 J	mg/L
08	Background	E009	04/08/2025	Lithium, total	0.0170	mg/L
08	Background	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
08	Background	E009	04/08/2025	Molybdenum, total	0.0025 U	mg/L
08	Background	E009	04/08/2025	Oxidation Reduction Potential	128	mV
08	Background	E009	04/08/2025	pH (field)	6.7	SU
08	Background	E009	04/08/2025	Radium 226 + Radium 228, total	0.74	pCi/L
08	Background	E009	04/08/2025	Selenium, total	0.00098 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
08	Background	E009	04/08/2025	Specific Conductance @ 25C (field)	1,601	micromhos/cm
08	Background	E009	04/08/2025	Sulfate, total	98.0	mg/L
08	Background	E009	04/08/2025	Temperature	12.9	degrees C
08	Background	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
08	Background	E009	04/08/2025	Total Dissolved Solids	950	mg/L
08	Background	E009	04/08/2025	Turbidity, field	7.60	NTU
08D	Background	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
08D	Background	E009	04/08/2025	Arsenic, total	0.00023 U	mg/L
08D	Background	E009	04/08/2025	Barium, total	0.110	mg/L
08D	Background	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
08D	Background	E009	04/08/2025	Boron, total	0.0860 J+	mg/L
08D	Background	E009	04/08/2025	Cadmium, total	0.00024 J	mg/L
08D	Background	E009	04/08/2025	Calcium, total	200	mg/L
08D	Background	E009	04/08/2025	Chloride, total	300	mg/L
08D	Background	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
08D	Background	E009	04/08/2025	Cobalt, total	0.00170	mg/L
08D	Background	E009	04/08/2025	Dissolved Oxygen	0.880	mg/L
08D	Background	E009	04/08/2025	Fluoride, total	0.096 J	mg/L
08D	Background	E009	04/08/2025	Lead, total	0.00019 U	mg/L
08D	Background	E009	04/08/2025	Lithium, total	0.0150	mg/L
08D	Background	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
08D	Background	E009	04/08/2025	Molybdenum, total	0.0025 U	mg/L
08D	Background	E009	04/08/2025	Oxidation Reduction Potential	135	mV
08D	Background	E009	04/08/2025	pH (field)	6.6	SU
08D	Background	E009	04/08/2025	Radium 226 + Radium 228, total	0.487	pCi/L
08D	Background	E009	04/08/2025	Selenium, total	0.00098 U	mg/L
08D	Background	E009	04/08/2025	Specific Conductance @ 25C (field)	1,895	micromhos/cm
08D	Background	E009	04/08/2025	Sulfate, total	180	mg/L
08D	Background	E009	04/08/2025	Temperature	12.0	degrees C
08D	Background	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
08D	Background	E009	04/08/2025	Total Dissolved Solids	1,200	mg/L
08D	Background	E009	04/08/2025	Turbidity, field	6.28	NTU
03R	Compliance	E009	04/07/2025	Antimony, total	0.0013 U	mg/L
03R	Compliance	E009	04/07/2025	Arsenic, total	0.00063 J	mg/L
03R	Compliance	E009	04/07/2025	Barium, total	0.0560	mg/L
03R	Compliance	E009	04/07/2025	Beryllium, total	0.00053 U	mg/L
03R	Compliance	E009	04/07/2025	Boron, total	0.490	mg/L
03R	Compliance	E009	04/07/2025	Cadmium, total	0.00019 J	mg/L
03R	Compliance	E009	04/07/2025	Calcium, total	93.0	mg/L
03R	Compliance	E009	04/07/2025	Chloride, total	79.0	mg/L
03R	Compliance	E009	04/07/2025	Chromium, total	0.0011 U	mg/L
03R	Compliance	E009	04/07/2025	Cobalt, total	0.0004 U	mg/L
03R	Compliance	E009	04/07/2025	Dissolved Oxygen	0.0600	mg/L
03R	Compliance	E009	04/07/2025	Fluoride, total	0.260	mg/L
03R	Compliance	E009	04/07/2025	Lead, total	0.00019 U	mg/L
03R	Compliance	E009	04/07/2025	Lithium, total	0.0210	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
03R	Compliance	E009	04/07/2025	Mercury, total	0.000076 U	mg/L
03R	Compliance	E009	04/07/2025	Molybdenum, total	0.0760	mg/L
03R	Compliance	E009	04/07/2025	Oxidation Reduction Potential	120	mV
03R	Compliance	E009	04/07/2025	pH (field)	7.1	SU
03R	Compliance	E009	04/07/2025	Radium 226 + Radium 228, total	0.358	pCi/L
03R	Compliance	E009	04/07/2025	Selenium, total	0.00520	mg/L
03R	Compliance	E009	04/07/2025	Specific Conductance @ 25C (field)	731	micromhos/cm
03R	Compliance	E009	04/07/2025	Sulfate, total	73.0	mg/L
03R	Compliance	E009	04/07/2025	Temperature	16.7	degrees C
03R	Compliance	E009	04/07/2025	Thallium, total	0.00057 U	mg/L
03R	Compliance	E009	04/07/2025	Total Dissolved Solids	480	mg/L
03R	Compliance	E009	04/07/2025	Turbidity, field	3.15	NTU
18S	Compliance	E009	04/07/2025	Antimony, total	0.0013 U	mg/L
18S	Compliance	E009	04/07/2025	Arsenic, total	0.00052 J	mg/L
18S	Compliance	E009	04/07/2025	Barium, total	0.0540	mg/L
18S	Compliance	E009	04/07/2025	Beryllium, total	0.00053 U	mg/L
18S	Compliance	E009	04/07/2025	Boron, total	1.70	mg/L
18S	Compliance	E009	04/07/2025	Cadmium, total	0.00017 U	mg/L
18S	Compliance	E009	04/07/2025	Calcium, total	91.0	mg/L
18S	Compliance	E009	04/07/2025	Chloride, total	72.0	mg/L
18S	Compliance	E009	04/07/2025	Chromium, total	0.0011 U	mg/L
18S	Compliance	E009	04/07/2025	Cobalt, total	0.0004 U	mg/L
18S	Compliance	E009	04/07/2025	Dissolved Oxygen	0.740	mg/L
18S	Compliance	E009	04/07/2025	Fluoride, total	0.170	mg/L
18S	Compliance	E009	04/07/2025	Lead, total	0.00019 U	mg/L
18S	Compliance	E009	04/07/2025	Lithium, total	0.0470	mg/L
18S	Compliance	E009	04/07/2025	Mercury, total	0.000076 U	mg/L
18S	Compliance	E009	04/07/2025	Molybdenum, total	0.130	mg/L
18S	Compliance	E009	04/07/2025	Oxidation Reduction Potential	67.0	mV
18S	Compliance	E009	04/07/2025	pH (field)	7.4	SU
18S	Compliance	E009	04/07/2025	Radium 226 + Radium 228, total	0.478	pCi/L
18S	Compliance	E009	04/07/2025	Selenium, total	0.0150	mg/L
18S	Compliance	E009	04/07/2025	Specific Conductance @ 25C (field)	760	micromhos/cm
18S	Compliance	E009	04/07/2025	Sulfate, total	210 J	mg/L
18S	Compliance	E009	04/07/2025	Temperature	14.1	degrees C
18S	Compliance	E009	04/07/2025	Thallium, total	0.00057 U	mg/L
18S	Compliance	E009	04/07/2025	Total Dissolved Solids	490	mg/L
18S	Compliance	E009	04/07/2025	Turbidity, field	10.9	NTU
18D	Compliance	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
18D	Compliance	E009	04/08/2025	Arsenic, total	0.0005 J	mg/L
18D	Compliance	E009	04/08/2025	Barium, total	0.0680	mg/L
18D	Compliance	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
18D	Compliance	E009	04/08/2025	Boron, total	1.20	mg/L
18D	Compliance	E009	04/08/2025	Cadmium, total	0.00038 J	mg/L
18D	Compliance	E009	04/08/2025	Calcium, total	95.0	mg/L
18D	Compliance	E009	04/08/2025	Chloride, total	82.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
18D	Compliance	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
18D	Compliance	E009	04/08/2025	Cobalt, total	0.00140	mg/L
18D	Compliance	E009	04/08/2025	Dissolved Oxygen	0.360	mg/L
18D	Compliance	E009	04/08/2025	Fluoride, total	0.140	mg/L
18D	Compliance	E009	04/08/2025	Lead, total	0.00038 J	mg/L
18D	Compliance	E009	04/08/2025	Lithium, total	0.0250	mg/L
18D	Compliance	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
18D	Compliance	E009	04/08/2025	Molybdenum, total	0.0330	mg/L
18D	Compliance	E009	04/08/2025	Oxidation Reduction Potential	-8.10	mV
18D	Compliance	E009	04/08/2025	pH (field)	7.0	SU
18D	Compliance	E009	04/08/2025	Radium 226 + Radium 228, total	0.219	pCi/L
18D	Compliance	E009	04/08/2025	Selenium, total	0.001 J	mg/L
18D	Compliance	E009	04/08/2025	Specific Conductance @ 25C (field)	818	micromhos/cm
18D	Compliance	E009	04/08/2025	Sulfate, total	100	mg/L
18D	Compliance	E009	04/08/2025	Temperature	15.7	degrees C
18D	Compliance	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
18D	Compliance	E009	04/08/2025	Total Dissolved Solids	540	mg/L
18D	Compliance	E009	04/08/2025	Turbidity, field	101	NTU
45S	Compliance	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
45S	Compliance	E009	04/08/2025	Arsenic, total	0.00044 J	mg/L
45S	Compliance	E009	04/08/2025	Barium, total	0.0950	mg/L
45S	Compliance	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
45S	Compliance	E009	04/08/2025	Boron, total	0.330	mg/L
45S	Compliance	E009	04/08/2025	Cadmium, total	0.00120	mg/L
45S	Compliance	E009	04/08/2025	Calcium, total	110	mg/L
45S	Compliance	E009	04/08/2025	Chloride, total	90.0	mg/L
45S	Compliance	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
45S	Compliance	E009	04/08/2025	Cobalt, total	0.00230	mg/L
45S	Compliance	E009	04/08/2025	Dissolved Oxygen	1.19	mg/L
45S	Compliance	E009	04/08/2025	Fluoride, total	0.230	mg/L
45S	Compliance	E009	04/08/2025	Lead, total	0.00110 J+	mg/L
45S	Compliance	E009	04/08/2025	Lithium, total	0.0170	mg/L
45S	Compliance	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
45S	Compliance	E009	04/08/2025	Molybdenum, total	0.0470	mg/L
45S	Compliance	E009	04/08/2025	Oxidation Reduction Potential	96.3	mV
45S	Compliance	E009	04/08/2025	pH (field)	7.0	SU
45S	Compliance	E009	04/08/2025	Radium 226 + Radium 228, total	0.34	pCi/L
45S	Compliance	E009	04/08/2025	Selenium, total	0.00098 U	mg/L
45S	Compliance	E009	04/08/2025	Specific Conductance @ 25C (field)	924	micromhos/cm
45S	Compliance	E009	04/08/2025	Sulfate, total	150	mg/L
45S	Compliance	E009	04/08/2025	Temperature	15.8	degrees C
45S	Compliance	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
45S	Compliance	E009	04/08/2025	Total Dissolved Solids	600	mg/L
45S	Compliance	E009	04/08/2025	Turbidity, field	12	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

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.

SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
03R	UA	E009	Antimony, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.003	0.006	Standard	No Exceedance
03R	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.001	0.010	Standard	No Exceedance
03R	UA	E009	Barium, total	mg/L	12/09/15 - 04/07/25	33	0	CI around geomean	0.0615	2.0	Standard	No Exceedance
03R	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
03R	UA	E009	Boron, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	0.347	2	Standard	No Exceedance
03R	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/07/25	32	94	CB around T-S line	0.000647	0.005	Standard	No Exceedance
03R	UA	E009	Chloride, total	mg/L	12/09/15 - 04/07/25	37	0	CI around geomean	71.6	435	Background	No Exceedance
03R	UA	E009	Chromium, total	mg/L	12/09/15 - 04/07/25	31	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
03R	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/07/25	32	97	CI around median	0.001	0.0380	Background	No Exceedance
03R	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/07/25	34	3	CI around median	0.27	4.0	Standard	No Exceedance
03R	UA	E009	Lead, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
03R	UA	E009	Lithium, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0171	0.04	Standard	No Exceedance
03R	UA	E009	Mercury, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
03R	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0609	0.1	Standard	No Exceedance
03R	UA	E009	pH (field)	SU	12/09/15 - 04/07/25	40	0	CB around T-S line	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
03R	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/07/25	31	0	CI around median	0.319	5	Standard	No Exceedance
03R	UA	E009	Selenium, total	mg/L	12/09/15 - 04/07/25	33	6	CI around mean	0.00474	0.05	Standard	No Exceedance
03R	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	69.9	400	Standard	No Exceedance
03R	UA	E009	Thallium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
03R	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/07/25	37	0	CI around mean	511	1,620	Background	No Exceedance
18S	UA	E009	Antimony, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.003	0.006	Standard	No Exceedance
18S	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/07/25	31	97	CI around median	0.001	0.010	Standard	No Exceedance
18S	UA	E009	Barium, total	mg/L	12/09/15 - 04/07/25	33	0	CB around linear reg	0.0496	2.0	Standard	No Exceedance
18S	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
18S	UA	E009	Boron, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	0.862	2	Standard	No Exceedance
18S	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/07/25	32	91	CB around T-S line	0.000577	0.005	Standard	No Exceedance
18S	UA	E009	Chloride, total	mg/L	12/09/15 - 04/07/25	37	0	CI around mean	65.9	435	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
18S	UA	E009	Chromium, total	mg/L	12/09/15 - 04/07/25	32	59	CB around T-S line	0.0015	0.1	Standard	No Exceedance
18S	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/07/25	32	94	CB around T-S line	0.001	0.0380	Background	No Exceedance
18S	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/07/25	34	3	CB around T-S line	0.172	4.0	Standard	No Exceedance
18S	UA	E009	Lead, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
18S	UA	E009	Lithium, total	mg/L	12/09/15 - 04/07/25	36	0	CB around T-S line	0.0319	0.04	Standard	No Exceedance
18S	UA	E009	Mercury, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
18S	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0755	0.1	Standard	No Exceedance
18S	UA	E009	pH (field)	SU	12/09/15 - 04/07/25	40	0	CI around median	7.3/7.4	6.5/9.0	Standard/Standard	No Exceedance
18S	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/07/25	31	0	CI around mean	0.352	5	Standard	No Exceedance
18S	UA	E009	Selenium, total	mg/L	12/09/15 - 04/07/25	33	0	CB around T-S line	0.00182	0.05	Standard	No Exceedance
18S	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	85.4	400	Standard	No Exceedance
18S	UA	E009	Thallium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
18S	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	478	1,620	Background	No Exceedance
18D	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.003	0.006	Standard	No Exceedance
18D	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	31	100	All ND - Last	0.001	0.010	Standard	No Exceedance
18D	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around T-S line	0.0606	2.0	Standard	No Exceedance
18D	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
18D	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	1.08	2	Standard	No Exceedance
18D	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.000737	0.005	Standard	No Exceedance
18D	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	75.6	435	Background	No Exceedance
18D	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	31	94	CB around T-S line	0.00176	0.1	Standard	No Exceedance
18D	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	-0.000476	0.0380	Background	No Exceedance
18D	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	34	3	CI around median	0.15	4.0	Standard	No Exceedance
18D	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	31	94	CB around T-S line	0.000809	0.0075	Standard	No Exceedance
18D	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	36	0	CB around linear reg	0.0223	0.04	Standard	No Exceedance
18D	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
18D	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	36	0	CI around median	0.0315	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
18D	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	40	0	CI around median	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
18D	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	31	0	CI around mean	0.554	5	Standard	No Exceedance
18D	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.001	0.05	Standard	No Exceedance
18D	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	86.9	400	Standard	No Exceedance
18D	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
18D	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	37	0	CB around T-S line	469	1,620	Background	No Exceedance
45S	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.003	0.006	Standard	No Exceedance
45S	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	31	94	CI around median	0.001	0.010	Standard	No Exceedance
45S	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.0795	2.0	Standard	No Exceedance
45S	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
45S	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	34	0	CB around linear reg	0.225	2	Standard	No Exceedance
45S	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	32	38	CB around linear reg	0.000606	0.005	Standard	No Exceedance
45S	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	34	0	CI around mean	81.7	435	Background	No Exceedance
45S	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.00165	0.1	Standard	No Exceedance
45S	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	33	12	CI around geomean	0.00146	0.0380	Background	No Exceedance
45S	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	34	3	CB around T-S line	0.233	4.0	Standard	No Exceedance
45S	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	31	77	CI around median	0.001	0.0075	Standard	No Exceedance
45S	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.0111	0.04	Standard	No Exceedance
45S	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
45S	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.038	0.1	Standard	No Exceedance
45S	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	34	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
45S	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	31	0	CI around geomean	0.449	5	Standard	No Exceedance
45S	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	32	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
45S	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	34	0	CI around median	70	400	Standard	No Exceedance
45S	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
45S	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	34	0	CI around mean	529	1,620	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Notes:

Compliance Result:

No Exceedance: the statistical result did not exceed the GWPS.
Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the Ash Pond No. 2 and Ash Pond No. 4. 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

PROJECT: 169000XXXXX | DATED: 9/29/2021 | DESIGNER: STOLZSD
Y:\Mapping\Projects\22\2285MXD\845_Operating_Permit\Hennepin\GMP_802\Figure 2-1_Proposed Monitoring Well Network.mxd



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

0 200 400
Feet

MONITORING WELL LOCATION
MAP

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

ASH POND NO. 2 AND ASH POND NO. 4
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
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
03R	Compliance	04/07/2025	34.66	447.83
07	Background	04/07/2025	69.72	449.07
08	Background	04/07/2025	54.09	447.42
08D	Background	04/07/2025	54.35	447.42
18S	Compliance	04/07/2025	40.66	447.32
18D	Compliance	04/07/2025	40.75	447.29
45S	Compliance	04/07/2025	20.49	447.20

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 05/02/25 15:09:31

JOB DESCRIPTION

HEN-25Q2
HEN_845_802-805

JOB NUMBER

500-266421-4

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

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Case Narrative

Client: Vistra Energy Corp
Project: HEN-25Q2

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
IN POWER PLANT, ASH PONDS NO. 2 AND NO. 4

Job ID: 500-266421-4

Job ID: 500-266421-4

Eurofins Chicago

Job Narrative 500-266421-4

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.

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 200.7: Elevated reporting limits are provided for the following sample due to insufficient sample provided for preparation: 03R (500-266421-1).

Method 6020B: The method blank for preparation batch 500-812994 and 500-813105 and analytical batch 500-813334 contained Boron 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 method blank for preparation batch 500-813161 and analytical batch 500-813699 contained 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.

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 500-814068 contained Alkalinity above the reporting limit (RL). Associated sample(s) were not re-analyzed because results were greater than 10X the value found in the method blank.

Method 300.0: The method blank for analytical batch 500-813002 contained Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 300.0: The 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
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

Client Sample ID: 03R

Lab Sample ID: 500-266421-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.021		0.010	0.0040	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.00063	J	0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.056		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	0.49	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Cadmium	0.00019	J	0.00050	0.00017	mg/L	1			6020B	Total Recoverable
Calcium	93		0.20	0.044	mg/L	1			6020B	Total Recoverable
Magnesium	26		0.20	0.049	mg/L	1			6020B	Total Recoverable
Molybdenum	0.076		0.0050	0.0025	mg/L	1			6020B	Total Recoverable
Potassium	7.8		0.50	0.11	mg/L	1			6020B	Total Recoverable
Selenium	0.0052		0.0025	0.00098	mg/L	1			6020B	Total Recoverable
Sodium	46		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	79		5.0	2.1	mg/L	5			300.0	Total/NA
Sulfate	73		5.0	2.3	mg/L	5			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	250		5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	480		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.26		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	35.15				ft	1			Field Sampling	Total/NA
Field pH	7.07				SU	1			Field Sampling	Total/NA
Field Temperature	16.7				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	120.3				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	0.06				mg/L	1			Field Sampling	Total/NA
Specific Conductance	731				umhos/cm	1			Field Sampling	Total/NA
Turbidity	3.15				NTU	1			Field Sampling	Total/NA

Client Sample ID: 18#S

Lab Sample ID: 500-266421-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.047		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.00052	J	0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.054		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	1.7	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Calcium	91		0.20	0.044	mg/L	1			6020B	Total Recoverable
Magnesium	23		0.20	0.049	mg/L	1			6020B	Total Recoverable
Molybdenum	0.13		0.0050	0.0025	mg/L	1			6020B	Total Recoverable
Potassium	9.3		0.50	0.11	mg/L	1			6020B	Total Recoverable
Selenium	0.015		0.0025	0.00098	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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

Client Sample ID: 18#S (Continued)

Lab Sample ID: 500-266421-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	46		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	72		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	210		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	220		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	490		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)	40.65				ft	1		Field Sampling	Total/NA
Field pH	7.43				SU	1		Field Sampling	Total/NA
Field Temperature	14.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	67.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.74				mg/L	1		Field Sampling	Total/NA
Specific Conductance	760				umhos/cm	1		Field Sampling	Total/NA
Turbidity	10.91				NTU	1		Field Sampling	Total/NA

Client Sample ID: 18#S_FD

Lab Sample ID: 500-266421-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.046		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00056	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.055		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	1.8	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	94		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	24		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.13		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	9.6		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.016		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	47		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	70		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	100		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	200		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	510		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.18		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	40.65				ft	1		Field Sampling	Total/NA
Field pH	7.43				SU	1		Field Sampling	Total/NA
Field Temperature	14.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	67.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.74				mg/L	1		Field Sampling	Total/NA
Specific Conductance	760				umhos/cm	1		Field Sampling	Total/NA
Turbidity	10.91				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
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

Client Sample ID: 07

Lab Sample ID: 500-266421-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0092		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Barium	0.094		0.0025	0.00073	mg/L	1		6020B	Recoverable
Boron	0.064	B	0.050	0.013	mg/L	1		6020B	Total
Calcium	130		0.20	0.044	mg/L	1		6020B	Recoverable
Cobalt	0.0027		0.0010	0.00040	mg/L	1		6020B	Total
Magnesium	41		0.20	0.049	mg/L	1		6020B	Recoverable
Potassium	1.8		0.50	0.11	mg/L	1		6020B	Total
Sodium	34		0.20	0.077	mg/L	1		6020B	Recoverable
Chloride	62		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	59		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	360		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	590		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.097	J	0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	69.67				ft	1		Field Sampling	Total/NA
Field pH	6.57				SU	1		Field Sampling	Total/NA
Field Temperature	10.5				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	172.6				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	5.35				mg/L	1		Field Sampling	Total/NA
Specific Conductance	925				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.17				NTU	1		Field Sampling	Total/NA

Client Sample ID: 07_FD

Lab Sample ID: 500-266421-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0099		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Barium	0.090		0.0025	0.00073	mg/L	1		6020B	Recoverable
Boron	0.062	B	0.050	0.013	mg/L	1		6020B	Total
Calcium	130		0.20	0.044	mg/L	1		6020B	Recoverable
Cobalt	0.0025		0.0010	0.00040	mg/L	1		6020B	Total
Magnesium	40		0.20	0.049	mg/L	1		6020B	Recoverable
Potassium	1.8		0.50	0.11	mg/L	1		6020B	Total
Sodium	29		0.20	0.077	mg/L	1		6020B	Recoverable
Chloride	62		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	58		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	350		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	0.11		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	69.67				ft	1		Field Sampling	Total/NA
Field pH	6.57				SU	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
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-9
SDG: HEN_845_802-805

Client Sample ID: 07_FD (Continued)

Lab Sample ID: 500-266421-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field Temperature	10.5				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	172.6				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	5.35				mg/L	1		Field Sampling	Total/NA
Specific Conductance	925				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.17				NTU	1		Field Sampling	Total/NA

Client Sample ID: 08

Lab Sample ID: 500-266421-10

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
Barium	0.10		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.11	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.00049	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	170		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0035		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00036	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	43		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	7.8		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	140		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	220		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	98		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	430		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	950		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.089	J	0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	54.05				ft	1		Field Sampling	Total/NA
Field pH	6.66				SU	1		Field Sampling	Total/NA
Field Temperature	12.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	127.9				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.30				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1601				umhos/cm	1		Field Sampling	Total/NA
Turbidity	7.60				NTU	1		Field Sampling	Total/NA

Client Sample ID: 08&D

Lab Sample ID: 500-266421-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.015		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.11		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.086	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.00024	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	200		0.20	0.044	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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN-25Q2-005
SDG: HEN_845_802-805

Client Sample ID: 08&D (Continued)

Lab Sample ID: 500-266421-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0017		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Magnesium	54		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	3.1		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	180		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	300		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	180		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	450		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1200		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.096	J	0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	54.35				ft	1		Field Sampling	Total/NA
Field pH	6.61				SU	1		Field Sampling	Total/NA
Field Temperature	12.0				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	134.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.88				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1895				umhos/cm	1		Field Sampling	Total/NA
Turbidity	6.28				NTU	1		Field Sampling	Total/NA

Client Sample ID: 18&D

Lab Sample ID: 500-266421-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.025		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00050	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.068		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	1.2		0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.00038	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	95		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0014		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00038	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.033		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	8.7		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0010	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	51		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	82		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	100		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	250		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	540		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.14		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	40.70				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

Client Sample ID: 18&D (Continued)

Lab Sample ID: 500-266421-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field pH	7.04				SU	1		Field Sampling	Total/NA
Field Temperature	15.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-8.1				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.36				mg/L	1		Field Sampling	Total/NA
Specific Conductance	818				umhos/cm	1		Field Sampling	Total/NA
Turbidity	101.22				NTU	1		Field Sampling	Total/NA

Client Sample ID: 45#S

Lab Sample ID: 500-266421-20

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	0.00044	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.095		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.33	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.0012		0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	110	B	0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0023		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.0011	B	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	36		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.047		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	7.1		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	63		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	90		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	300		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	0.23		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	20.45				ft	1		Field Sampling	Total/NA
Field pH	6.96				SU	1		Field Sampling	Total/NA
Field Temperature	15.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	96.3				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.19				mg/L	1		Field Sampling	Total/NA
Specific Conductance	924				umhos/cm	1		Field Sampling	Total/NA
Turbidity	11.99				NTU	1		Field Sampling	Total/NA

Client Sample ID: FB

Lab Sample ID: 500-266421-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.013	J	0.050	0.013	mg/L	1		6020B	Total Recoverable
Carbonate Alkalinity as CaCO3	6.4		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	18		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
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN_845_802-805
SDG: HEN_845_802-805

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, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
HEN-25-802-805
SDG: HEN_845_802-805

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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

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
500-266421-20	45#S	Water	04/08/25 10:15	04/09/25 11:58
500-266421-23	FB	Water	04/10/25 08:55	04/10/25 11:23
500-266421-46	YSG_ILRIVER (SG02)	Water	04/07/25 10:53	04/08/25 20:07

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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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.021		0.010	0.0040	mg/L		04/09/25 15:52	04/10/25 12:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/09/25 08:17	04/10/25 14:17	1
Arsenic	0.00063	J	0.0010	0.00023	mg/L		04/09/25 08:17	04/10/25 14:17	1
Barium	0.056		0.0025	0.00073	mg/L		04/09/25 08:17	04/10/25 14:17	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 08:17	04/10/25 14:17	1
Boron	0.49	B	0.050	0.013	mg/L		04/09/25 08:17	04/10/25 14:17	1
Cadmium	0.00019	J	0.00050	0.00017	mg/L		04/09/25 08:17	04/10/25 14:17	1
Calcium	93		0.20	0.044	mg/L		04/09/25 08:17	04/11/25 17:36	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 08:17	04/10/25 14:17	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/09/25 08:17	04/10/25 14:17	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/09/25 08:17	04/10/25 14:17	1
Magnesium	26		0.20	0.049	mg/L		04/09/25 08:17	04/10/25 14:17	1
Molybdenum	0.076		0.0050	0.0025	mg/L		04/09/25 08:17	04/10/25 14:17	1
Potassium	7.8		0.50	0.11	mg/L		04/09/25 08:17	04/10/25 14:17	1
Selenium	0.0052		0.0025	0.00098	mg/L		04/09/25 08:17	04/10/25 14:17	1
Sodium	46		0.20	0.077	mg/L		04/09/25 08:17	04/10/25 14:17	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 08:17	04/10/25 14:17	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		04/09/25 14:40	04/10/25 11:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	79		5.0	2.1	mg/L			04/11/25 01:29	5
Sulfate (EPA 300.0)	73		5.0	2.3	mg/L			04/11/25 01:29	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	250		5.0	3.7	mg/L			04/10/25 10:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 10:44	1
Total Dissolved Solids (SM 2540C)	480		10	4.3	mg/L			04/11/25 04:24	1
Fluoride (SM 4500 F C)	0.26		0.10	0.056	mg/L			04/10/25 14:26	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	35.15				ft			04/07/25 16:15	1
Field pH	7.07				SU			04/07/25 16:15	1
Field Temperature	16.7				Degrees C			04/07/25 16:15	1
Oxidation Reduction Potential	120.3				millivolts			04/07/25 16:15	1
Oxygen, Dissolved	0.06				mg/L			04/07/25 16:15	1
Specific Conductance	731				umhos/cm			04/07/25 16:15	1
Turbidity	3.15				NTU			04/07/25 16:15	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

Client Sample ID: 18#S

Date Collected: 04/07/25 15:45

Date Received: 04/08/25 12:11

Lab Sample ID: 500-266421-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.047		0.0050	0.0020	mg/L		04/09/25 15:52	04/10/25 12:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/09/25 08:17	04/10/25 14:35	1
Arsenic	0.00052	J	0.0010	0.00023	mg/L		04/09/25 08:17	04/10/25 14:35	1
Barium	0.054		0.0025	0.00073	mg/L		04/09/25 08:17	04/10/25 14:35	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 08:17	04/10/25 14:35	1
Boron	1.7	B	0.050	0.013	mg/L		04/09/25 08:17	04/10/25 14:35	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/09/25 08:17	04/10/25 14:35	1
Calcium	91		0.20	0.044	mg/L		04/09/25 08:17	04/11/25 17:55	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 08:17	04/10/25 14:35	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/09/25 08:17	04/10/25 14:35	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/09/25 08:17	04/10/25 14:35	1
Magnesium	23		0.20	0.049	mg/L		04/09/25 08:17	04/10/25 14:35	1
Molybdenum	0.13		0.0050	0.0025	mg/L		04/09/25 08:17	04/10/25 14:35	1
Potassium	9.3		0.50	0.11	mg/L		04/09/25 08:17	04/10/25 14:35	1
Selenium	0.015		0.0025	0.00098	mg/L		04/09/25 08:17	04/10/25 14:35	1
Sodium	46		0.20	0.077	mg/L		04/09/25 08:17	04/10/25 14:35	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 08:17	04/10/25 14:35	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		04/09/25 14:40	04/10/25 11:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	72		10	4.2	mg/L			04/11/25 02:15	10
Sulfate (EPA 300.0)	210		10	4.7	mg/L			04/11/25 02:15	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	220		5.0	3.7	mg/L			04/10/25 11:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 11:05	1
Total Dissolved Solids (SM 2540C)	490		10	4.3	mg/L			04/11/25 04:37	1
Fluoride (SM 4500 F C)	0.17		0.10	0.056	mg/L			04/10/25 14:33	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	40.65				ft			04/07/25 15:45	1
Field pH	7.43				SU			04/07/25 15:45	1
Field Temperature	14.1				Degrees C			04/07/25 15:45	1
Oxidation Reduction Potential	67.0				millivolts			04/07/25 15:45	1
Oxygen, Dissolved	0.74				mg/L			04/07/25 15:45	1
Specific Conductance	760				umhos/cm			04/07/25 15:45	1
Turbidity	10.91				NTU			04/07/25 15:45	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.046		0.0050	0.0020	mg/L		04/09/25 15:52	04/10/25 13:02	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 08:17	04/10/25 14:37	1
Arsenic	0.00056	J	0.0010	0.00023	mg/L		04/09/25 08:17	04/10/25 14:37	1
Barium	0.055		0.0025	0.00073	mg/L		04/09/25 08:17	04/10/25 14:37	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 08:17	04/10/25 14:37	1
Boron	1.8	B	0.050	0.013	mg/L		04/09/25 08:17	04/10/25 14:37	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/09/25 08:17	04/10/25 14:37	1
Calcium	94		0.20	0.044	mg/L		04/09/25 08:17	04/11/25 17:57	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 08:17	04/10/25 14:37	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/09/25 08:17	04/10/25 14:37	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/09/25 08:17	04/10/25 14:37	1
Magnesium	24		0.20	0.049	mg/L		04/09/25 08:17	04/10/25 14:37	1
Molybdenum	0.13		0.0050	0.0025	mg/L		04/09/25 08:17	04/10/25 14:37	1
Potassium	9.6		0.50	0.11	mg/L		04/09/25 08:17	04/10/25 14:37	1
Selenium	0.016		0.0025	0.00098	mg/L		04/09/25 08:17	04/10/25 14:37	1
Sodium	47		0.20	0.077	mg/L		04/09/25 08:17	04/10/25 14:37	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 08:17	04/10/25 14:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/09/25 14:40	04/10/25 11:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	70		10	4.2	mg/L			04/11/25 02:27	10
Sulfate (EPA 300.0)	100		10	4.7	mg/L			04/11/25 02:27	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	200		5.0	3.7	mg/L			04/10/25 11:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 11:15	1
Total Dissolved Solids (SM 2540C)	510		10	4.3	mg/L			04/11/25 04:39	1
Fluoride (SM 4500 F C)	0.18		0.10	0.056	mg/L			04/10/25 14:37	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	40.65				ft			04/07/25 16:05	1
Field pH	7.43				SU			04/07/25 16:05	1
Field Temperature	14.1				Degrees C			04/07/25 16:05	1
Oxidation Reduction Potential	67.0				millivolts			04/07/25 16:05	1
Oxygen, Dissolved	0.74				mg/L			04/07/25 16:05	1
Specific Conductance	760				umhos/cm			04/07/25 16:05	1
Turbidity	10.91				NTU			04/07/25 16:05	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-8
SDG: HEN_845_802-805

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0092		0.0050	0.0020	mg/L		04/09/25 15:52	04/10/25 13:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/09/25 16:48	04/10/25 15:47	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/09/25 16:48	04/10/25 15:47	1
Barium	0.094		0.0025	0.00073	mg/L		04/09/25 16:48	04/10/25 15:47	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 16:48	04/11/25 17:10	1
Boron	0.064	B	0.050	0.013	mg/L		04/09/25 16:48	04/10/25 15:47	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/09/25 16:48	04/10/25 15:47	1
Calcium	130		0.20	0.044	mg/L		04/09/25 16:48	04/11/25 17:10	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 16:48	04/10/25 15:47	1
Cobalt	0.0027		0.0010	0.00040	mg/L		04/09/25 16:48	04/10/25 15:47	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/09/25 16:48	04/10/25 15:47	1
Magnesium	41		0.20	0.049	mg/L		04/09/25 16:48	04/10/25 15:47	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/09/25 16:48	04/10/25 15:47	1
Potassium	1.8		0.50	0.11	mg/L		04/09/25 16:48	04/10/25 15:47	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/09/25 16:48	04/10/25 15:47	1
Sodium	34		0.20	0.077	mg/L		04/09/25 16:48	04/10/25 15:47	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 16:48	04/10/25 15:47	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 10:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	62		5.0	2.1	mg/L			04/11/25 03:25	5
Sulfate (EPA 300.0)	59		5.0	2.3	mg/L			04/11/25 03:25	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	360		5.0	3.7	mg/L			04/10/25 11:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 11:47	1
Total Dissolved Solids (SM 2540C)	590		10	4.3	mg/L			04/11/25 04:47	1
Fluoride (SM 4500 F C)	0.097	J	0.10	0.056	mg/L			04/10/25 14:49	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	69.67				ft			04/08/25 08:50	1
Field pH	6.57				SU			04/08/25 08:50	1
Field Temperature	10.5				Degrees C			04/08/25 08:50	1
Oxidation Reduction Potential	172.6				millivolts			04/08/25 08:50	1
Oxygen, Dissolved	5.35				mg/L			04/08/25 08:50	1
Specific Conductance	925				umhos/cm			04/08/25 08:50	1
Turbidity	3.17				NTU			04/08/25 08:50	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-9
SDG: HEN_845_802-805

Client Sample ID: 07_FD

Date Collected: 04/08/25 08:55

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0099		0.0050	0.0020	mg/L		04/09/25 15:52	04/10/25 13:11	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 16:48	04/10/25 15:52	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/09/25 16:48	04/10/25 15:52	1
Barium	0.090		0.0025	0.00073	mg/L		04/09/25 16:48	04/10/25 15:52	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 16:48	04/11/25 17:14	1
Boron	0.062	B	0.050	0.013	mg/L		04/09/25 16:48	04/10/25 15:52	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/09/25 16:48	04/10/25 15:52	1
Calcium	130		0.20	0.044	mg/L		04/09/25 16:48	04/11/25 17:14	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 16:48	04/10/25 15:52	1
Cobalt	0.0025		0.0010	0.00040	mg/L		04/09/25 16:48	04/10/25 15:52	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/09/25 16:48	04/10/25 15:52	1
Magnesium	40		0.20	0.049	mg/L		04/09/25 16:48	04/10/25 15:52	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/09/25 16:48	04/10/25 15:52	1
Potassium	1.8		0.50	0.11	mg/L		04/09/25 16:48	04/10/25 15:52	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/09/25 16:48	04/10/25 15:52	1
Sodium	29		0.20	0.077	mg/L		04/09/25 16:48	04/10/25 15:52	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 16:48	04/10/25 15:52	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 10:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	62		5.0	2.1	mg/L			04/11/25 03:36	5
Sulfate (EPA 300.0)	58		5.0	2.3	mg/L			04/11/25 03:36	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	350		5.0	3.7	mg/L			04/10/25 11:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 11:57	1
Total Dissolved Solids (SM 2540C)	600		10	4.3	mg/L			04/11/25 04:50	1
Fluoride (SM 4500 F C)	0.11		0.10	0.056	mg/L			04/10/25 15:03	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	69.67				ft			04/08/25 08:55	1
Field pH	6.57				SU			04/08/25 08:55	1
Field Temperature	10.5				Degrees C			04/08/25 08:55	1
Oxidation Reduction Potential	172.6				millivolts			04/08/25 08:55	1
Oxygen, Dissolved	5.35				mg/L			04/08/25 08:55	1
Specific Conductance	925				umhos/cm			04/08/25 08:55	1
Turbidity	3.17				NTU			04/08/25 08:55	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

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 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		04/09/25 15:52	04/10/25 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/09/25 16:48	04/10/25 15:57	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/09/25 16:48	04/10/25 15:57	1
Barium	0.10		0.0025	0.00073	mg/L		04/09/25 16:48	04/10/25 15:57	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 16:48	04/11/25 17:19	1
Boron	0.11	B	0.050	0.013	mg/L		04/09/25 16:48	04/10/25 15:57	1
Cadmium	0.00049	J	0.00050	0.00017	mg/L		04/09/25 16:48	04/10/25 15:57	1
Calcium	170		0.20	0.044	mg/L		04/09/25 16:48	04/11/25 17:19	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 16:48	04/10/25 15:57	1
Cobalt	0.0035		0.0010	0.00040	mg/L		04/09/25 16:48	04/10/25 15:57	1
Lead	0.00036	J	0.00050	0.00019	mg/L		04/09/25 16:48	04/10/25 15:57	1
Magnesium	43		0.20	0.049	mg/L		04/09/25 16:48	04/10/25 15:57	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/09/25 16:48	04/10/25 15:57	1
Potassium	7.8		0.50	0.11	mg/L		04/09/25 16:48	04/10/25 15:57	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/09/25 16:48	04/10/25 15:57	1
Sodium	140		0.20	0.077	mg/L		04/09/25 16:48	04/10/25 15:57	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 16:48	04/10/25 15:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/10/25 14:55	04/11/25 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	220		10	4.2	mg/L			04/11/25 03:48	10
Sulfate (EPA 300.0)	98		10	4.7	mg/L			04/11/25 03:48	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	430		5.0	3.7	mg/L			04/10/25 12:07	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 12:07	1
Total Dissolved Solids (SM 2540C)	950		10	4.3	mg/L			04/11/25 04:52	1
Fluoride (SM 4500 F C)	0.089	J	0.10	0.056	mg/L			04/10/25 15:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	54.05				ft			04/08/25 15:15	1
Field pH	6.66				SU			04/08/25 15:15	1
Field Temperature	12.9				Degrees C			04/08/25 15:15	1
Oxidation Reduction Potential	127.9				millivolts			04/08/25 15:15	1
Oxygen, Dissolved	1.30				mg/L			04/08/25 15:15	1
Specific Conductance	1601				umhos/cm			04/08/25 15:15	1
Turbidity	7.60				NTU			04/08/25 15:15	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN-25Q2-802-805
SDG: HEN_845_802-805

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.015		0.0050	0.0020	mg/L		04/09/25 15:52	04/10/25 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/09/25 16:48	04/10/25 16:02	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/09/25 16:48	04/10/25 16:02	1
Barium	0.11		0.0025	0.00073	mg/L		04/09/25 16:48	04/10/25 16:02	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 16:48	04/11/25 17:28	1
Boron	0.086	B	0.050	0.013	mg/L		04/09/25 16:48	04/10/25 16:02	1
Cadmium	0.00024	J	0.00050	0.00017	mg/L		04/09/25 16:48	04/10/25 16:02	1
Calcium	200		0.20	0.044	mg/L		04/09/25 16:48	04/11/25 17:28	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 16:48	04/10/25 16:02	1
Cobalt	0.0017		0.0010	0.00040	mg/L		04/09/25 16:48	04/10/25 16:02	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/09/25 16:48	04/10/25 16:02	1
Magnesium	54		0.20	0.049	mg/L		04/09/25 16:48	04/10/25 16:02	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/09/25 16:48	04/10/25 16:02	1
Potassium	3.1		0.50	0.11	mg/L		04/09/25 16:48	04/10/25 16:02	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/09/25 16:48	04/10/25 16:02	1
Sodium	180		0.20	0.077	mg/L		04/09/25 16:48	04/10/25 16:02	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 16:48	04/10/25 16:02	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		04/10/25 14:55	04/11/25 10:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	300		10	4.2	mg/L			04/11/25 04:00	10
Sulfate (EPA 300.0)	180		10	4.7	mg/L			04/11/25 04:00	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	450		5.0	3.7	mg/L			04/10/25 12:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 12:18	1
Total Dissolved Solids (SM 2540C)	1200		10	4.3	mg/L			04/11/25 04:55	1
Fluoride (SM 4500 F C)	0.096	J	0.10	0.056	mg/L			04/10/25 15:12	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	54.35				ft			04/08/25 16:20	1
Field pH	6.61				SU			04/08/25 16:20	1
Field Temperature	12.0				Degrees C			04/08/25 16:20	1
Oxidation Reduction Potential	134.7				millivolts			04/08/25 16:20	1
Oxygen, Dissolved	0.88				mg/L			04/08/25 16:20	1
Specific Conductance	1895				umhos/cm			04/08/25 16:20	1
Turbidity	6.28				NTU			04/08/25 16:20	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.025		0.0050	0.0020	mg/L		04/09/25 15:52	04/10/25 13:25	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 18:14	1
Arsenic	0.00050	J	0.0010	0.00023	mg/L		04/09/25 17:00	04/11/25 18:14	1
Barium	0.068		0.0025	0.00073	mg/L		04/09/25 17:00	04/11/25 18:14	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 17:00	04/11/25 18:14	1
Boron	1.2		0.050	0.013	mg/L		04/09/25 17:00	04/14/25 14:42	1
Cadmium	0.00038	J	0.00050	0.00017	mg/L		04/09/25 17:00	04/11/25 18:14	1
Calcium	95		0.20	0.044	mg/L		04/09/25 17:00	04/11/25 18:14	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 17:00	04/11/25 18:14	1
Cobalt	0.0014		0.0010	0.00040	mg/L		04/09/25 17:00	04/11/25 18:14	1
Lead	0.00038	J	0.00050	0.00019	mg/L		04/09/25 17:00	04/11/25 18:14	1
Magnesium	29		0.20	0.049	mg/L		04/09/25 17:00	04/11/25 18:14	1
Molybdenum	0.033		0.0050	0.0025	mg/L		04/09/25 17:00	04/11/25 18:14	1
Potassium	8.7		0.50	0.11	mg/L		04/09/25 17:00	04/11/25 18:14	1
Selenium	0.0010	J	0.0025	0.00098	mg/L		04/09/25 17:00	04/11/25 18:14	1
Sodium	51		0.20	0.077	mg/L		04/09/25 17:00	04/11/25 18:14	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 17:00	04/11/25 18:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/10/25 14:55	04/11/25 11:24	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 01:26	5
Sulfate (EPA 300.0)	100		5.0	2.3	mg/L			04/12/25 01:26	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	250		5.0	3.7	mg/L			04/10/25 12:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 12:29	1
Total Dissolved Solids (SM 2540C)	540		10	4.3	mg/L			04/11/25 04:57	1
Fluoride (SM 4500 F C)	0.14		0.10	0.056	mg/L			04/10/25 15:16	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	40.70				ft			04/08/25 09:20	1
Field pH	7.04				SU			04/08/25 09:20	1
Field Temperature	15.7				Degrees C			04/08/25 09:20	1
Oxidation Reduction Potential	-8.1				millivolts			04/08/25 09:20	1
Oxygen, Dissolved	0.36				mg/L			04/08/25 09:20	1
Specific Conductance	818				umhos/cm			04/08/25 09:20	1
Turbidity	101.22				NTU			04/08/25 09:20	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

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 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 19:37	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		04/10/25 08:23	04/14/25 18:28	1
Arsenic	0.00044	J	0.0010	0.00023	mg/L		04/10/25 08:23	04/14/25 18:28	1
Barium	0.095		0.0025	0.00073	mg/L		04/10/25 08:23	04/14/25 18:28	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/10/25 08:23	04/15/25 12:56	1
Boron	0.33	B	0.050	0.013	mg/L		04/10/25 08:23	04/14/25 18:28	1
Cadmium	0.0012		0.00050	0.00017	mg/L		04/10/25 08:23	04/14/25 18:28	1
Calcium	110	B	0.20	0.044	mg/L		04/10/25 08:23	04/14/25 18:28	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/10/25 08:23	04/14/25 18:28	1
Cobalt	0.0023		0.0010	0.00040	mg/L		04/10/25 08:23	04/14/25 18:28	1
Lead	0.0011	B	0.00050	0.00019	mg/L		04/10/25 08:23	04/14/25 18:28	1
Magnesium	36		0.20	0.049	mg/L		04/10/25 08:23	04/14/25 18:28	1
Molybdenum	0.047		0.0050	0.0025	mg/L		04/10/25 08:23	04/14/25 18:28	1
Potassium	7.1		0.50	0.11	mg/L		04/10/25 08:23	04/14/25 18:28	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/10/25 08:23	04/14/25 18:28	1
Sodium	63		0.20	0.077	mg/L		04/10/25 08:23	04/14/25 18:28	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/10/25 08:23	04/14/25 18:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/11/25 14:20	04/14/25 09:43	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			04/10/25 20:38	5
Sulfate (EPA 300.0)	150		5.0	2.3	mg/L			04/10/25 20:38	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	300		5.0	3.7	mg/L			04/10/25 14:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/10/25 14:15	1
Total Dissolved Solids (SM 2540C)	600		10	4.3	mg/L			04/11/25 05:18	1
Fluoride (SM 4500 F C)	0.23		0.10	0.056	mg/L			04/10/25 16:13	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	20.45				ft			04/08/25 10:15	1
Field pH	6.96				SU			04/08/25 10:15	1
Field Temperature	15.8				Degrees C			04/08/25 10:15	1
Oxidation Reduction Potential	96.3				millivolts			04/08/25 10:15	1
Oxygen, Dissolved	1.19				mg/L			04/08/25 10:15	1
Specific Conductance	924				umhos/cm			04/08/25 10:15	1
Turbidity	11.99				NTU			04/08/25 10:15	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN-25Q2-805
SDG: HEN_845_802-805

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 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		04/14/25 15:32	04/21/25 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/11/25 08:33	04/16/25 14:50	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/11/25 08:33	04/16/25 14:50	1
Barium	<0.0025		0.0025	0.00073	mg/L		04/11/25 08:33	04/16/25 14:50	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/11/25 08:33	04/17/25 13:34	1
Boron	0.013	J	0.050	0.013	mg/L		04/11/25 08:33	04/16/25 14:50	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/11/25 08:33	04/16/25 14:50	1
Calcium	<0.20		0.20	0.044	mg/L		04/11/25 08:33	04/16/25 14:50	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/11/25 08:33	04/16/25 14:50	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/11/25 08:33	04/16/25 14:50	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/11/25 08:33	04/16/25 14:50	1
Magnesium	<0.20		0.20	0.049	mg/L		04/11/25 08:33	04/16/25 14:50	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/11/25 08:33	04/16/25 14:50	1
Potassium	<0.50		0.50	0.11	mg/L		04/11/25 08:33	04/16/25 14:50	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/11/25 08:33	04/16/25 14:50	1
Sodium	<0.20		0.20	0.077	mg/L		04/11/25 08:33	04/17/25 13:34	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/11/25 08:33	04/16/25 14:50	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 10:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	<1.0		1.0	0.42	mg/L			04/12/25 09:33	1
Sulfate (EPA 300.0)	<1.0		1.0	0.47	mg/L			04/12/25 09:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/22/25 18:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	6.4		5.0	3.7	mg/L			04/22/25 18:24	1
Total Dissolved Solids (SM 2540C)	18		10	4.3	mg/L			04/15/25 02:22	1
Fluoride (SM 4500 F C)	<0.10		0.10	0.056	mg/L			04/22/25 13:12	1

Client Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN_845_802-805
SDG: HEN_845_802-805

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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN_845_802-805
SDG: HEN_845_802-805

Qualifiers

Metals

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

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN_845_802-805
SDG: HEN_845_802-805

Metals

Prep Batch: 812994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total Recoverable	Water	3005A	
500-266421-3	18#S	Total Recoverable	Water	3005A	
500-266421-5	18#S_FD	Total Recoverable	Water	3005A	
MB 500-812994/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-812994/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-266421-1 MS	03R	Total Recoverable	Water	3005A	
500-266421-1 MSD	03R	Total Recoverable	Water	3005A	
500-266421-1 DU	03R	Total Recoverable	Water	3005A	

Prep Batch: 813086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total/NA	Water	7470A	
500-266421-3	18#S	Total/NA	Water	7470A	
500-266421-5	18#S_FD	Total/NA	Water	7470A	
MB 500-813086/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-813086/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 813096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total Recoverable	Water	200.7	
500-266421-3	18#S	Total Recoverable	Water	200.7	
500-266421-5	18#S_FD	Total Recoverable	Water	200.7	
500-266421-8	07	Total Recoverable	Water	200.7	
500-266421-9	07_FD	Total Recoverable	Water	200.7	
500-266421-10	08	Total Recoverable	Water	200.7	
500-266421-11	08&D	Total Recoverable	Water	200.7	
500-266421-12	18&D	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	
500-266421-12 MS	18&D	Total Recoverable	Water	200.7	
500-266421-12 DU	18&D	Total Recoverable	Water	200.7	

Prep Batch: 813105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-8	07	Total Recoverable	Water	3005A	
500-266421-9	07_FD	Total Recoverable	Water	3005A	
500-266421-10	08	Total Recoverable	Water	3005A	
500-266421-11	08&D	Total Recoverable	Water	3005A	
MB 500-813105/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-813105/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 813106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-12	18&D	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
500-266421-20	45#S	Total Recoverable	Water	3005A	
MB 500-813161/1-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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN-25Q2-805
SDG: HEN_845_802-805

Metals (Continued)

Prep Batch: 813161 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-813161/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 813222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total/NA	Water	7470A	813086
500-266421-3	18#S	Total/NA	Water	7470A	813086
500-266421-5	18#S_FD	Total/NA	Water	7470A	813086
MB 500-813086/12-A	Method Blank	Total/NA	Water	7470A	813086
LCS 500-813086/13-A	Lab Control Sample	Total/NA	Water	7470A	813086

Prep Batch: 813252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-8	07	Total/NA	Water	7470A	
500-266421-9	07_FD	Total/NA	Water	7470A	
500-266421-10	08	Total/NA	Water	7470A	
500-266421-11	08&D	Total/NA	Water	7470A	
500-266421-12	18&D	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	
500-266421-11 MS	08&D	Total/NA	Water	7470A	
500-266421-11 MSD	08&D	Total/NA	Water	7470A	
500-266421-11 DU	08&D	Total/NA	Water	7470A	

Prep Batch: 813299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-20	45#S	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	

Analysis Batch: 813334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total Recoverable	Water	6020B	812994
500-266421-3	18#S	Total Recoverable	Water	6020B	812994
500-266421-5	18#S_FD	Total Recoverable	Water	6020B	812994
500-266421-8	07	Total Recoverable	Water	6020B	813105
500-266421-9	07_FD	Total Recoverable	Water	6020B	813105
500-266421-10	08	Total Recoverable	Water	6020B	813105
500-266421-11	08&D	Total Recoverable	Water	6020B	813105
MB 500-812994/1-A	Method Blank	Total Recoverable	Water	6020B	812994
MB 500-813105/1-A	Method Blank	Total Recoverable	Water	6020B	813105
LCS 500-812994/2-A	Lab Control Sample	Total Recoverable	Water	6020B	812994
LCS 500-813105/2-A	Lab Control Sample	Total Recoverable	Water	6020B	813105
500-266421-1 MS	03R	Total Recoverable	Water	6020B	812994
500-266421-1 MSD	03R	Total Recoverable	Water	6020B	812994
500-266421-1 DU	03R	Total Recoverable	Water	6020B	812994

Prep Batch: 813344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-23	FB	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	

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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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

Metals

Analysis Batch: 813363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total Recoverable	Water	200.7 Rev 4.4	813096
500-266421-3	18#S	Total Recoverable	Water	200.7 Rev 4.4	813096
500-266421-5	18#S_FD	Total Recoverable	Water	200.7 Rev 4.4	813096
500-266421-8	07	Total Recoverable	Water	200.7 Rev 4.4	813096
500-266421-9	07_FD	Total Recoverable	Water	200.7 Rev 4.4	813096
500-266421-10	08	Total Recoverable	Water	200.7 Rev 4.4	813096
500-266421-11	08&D	Total Recoverable	Water	200.7 Rev 4.4	813096
500-266421-12	18&D	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
500-266421-12 MS	18&D	Total Recoverable	Water	200.7 Rev 4.4	813096
500-266421-12 DU	18&D	Total Recoverable	Water	200.7 Rev 4.4	813096

Analysis Batch: 813413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-8	07	Total/NA	Water	7470A	813252
500-266421-9	07_FD	Total/NA	Water	7470A	813252
500-266421-10	08	Total/NA	Water	7470A	813252
500-266421-11	08&D	Total/NA	Water	7470A	813252
500-266421-12	18&D	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
500-266421-11 MS	08&D	Total/NA	Water	7470A	813252
500-266421-11 MSD	08&D	Total/NA	Water	7470A	813252
500-266421-11 DU	08&D	Total/NA	Water	7470A	813252

Prep Batch: 813431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-20	45#S	Total/NA	Water	7470A	
500-266421-23	FB	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	

Analysis Batch: 813532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total Recoverable	Water	6020B	812994
500-266421-3	18#S	Total Recoverable	Water	6020B	812994
500-266421-5	18#S_FD	Total Recoverable	Water	6020B	812994
500-266421-8	07	Total Recoverable	Water	6020B	813105
500-266421-9	07_FD	Total Recoverable	Water	6020B	813105
500-266421-10	08	Total Recoverable	Water	6020B	813105
500-266421-11	08&D	Total Recoverable	Water	6020B	813105
500-266421-12	18&D	Total Recoverable	Water	6020B	813106
MB 500-812994/1-A	Method Blank	Total Recoverable	Water	6020B	812994
MB 500-813105/1-A	Method Blank	Total Recoverable	Water	6020B	813105
MB 500-813106/1-A	Method Blank	Total Recoverable	Water	6020B	813106
LCS 500-812994/2-A	Lab Control Sample	Total Recoverable	Water	6020B	812994
LCS 500-813105/2-A	Lab Control Sample	Total Recoverable	Water	6020B	813105
LCS 500-813106/2-A	Lab Control Sample	Total Recoverable	Water	6020B	813106
500-266421-1 MS	03R	Total Recoverable	Water	6020B	812994
500-266421-1 MSD	03R	Total Recoverable	Water	6020B	812994

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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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

Metals (Continued)

Analysis Batch: 813532 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1 DU	03R	Total Recoverable	Water	6020B	812994

Analysis Batch: 813540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-20	45#S	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
500-266421-20	45#S	Total/NA	Water	7470A	813431
500-266421-23	FB	Total/NA	Water	7470A	813431
MB 500-813431/12-A	Method Blank	Total/NA	Water	7470A	813431
LCS 500-813431/13-A	Lab Control Sample	Total/NA	Water	7470A	813431

Prep Batch: 813641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-23	FB	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	

Analysis Batch: 813699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-12	18&D	Total Recoverable	Water	6020B	813106
500-266421-20	45#S	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
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
500-266421-20	45#S	Total Recoverable	Water	6020B	813161

Analysis Batch: 814048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-23	FB	Total Recoverable	Water	6020B	813344
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

Analysis Batch: 814224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-23	FB	Total Recoverable	Water	6020B	813344
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

Analysis Batch: 814615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-23	FB	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
LCS 500-813641/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	813641

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QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN_845_802-805
SDG: HEN_845_802-805

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

General Chemistry

Analysis Batch: 813186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-20	45#S	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: 813191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total/NA	Water	300.0	
500-266421-3	18#S	Total/NA	Water	300.0	
500-266421-5	18#S_FD	Total/NA	Water	300.0	
500-266421-8	07	Total/NA	Water	300.0	
500-266421-9	07_FD	Total/NA	Water	300.0	
500-266421-10	08	Total/NA	Water	300.0	
500-266421-11	08&D	Total/NA	Water	300.0	
MB 500-813191/3	Method Blank	Total/NA	Water	300.0	
LCS 500-813191/4	Lab Control Sample	Total/NA	Water	300.0	
500-266421-1 MS	03R	Total/NA	Water	300.0	
500-266421-1 MSD	03R	Total/NA	Water	300.0	
500-266421-G-11 MS	500-266421-G-11 MS	Dissolved	Water	300.0	
500-266421-G-11 MSD	500-266421-G-11 MSD	Dissolved	Water	300.0	

Analysis Batch: 813239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-12	18&D	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
500-266421-1	03R	Total/NA	Water	SM 4500 F C	
500-266421-3	18#S	Total/NA	Water	SM 4500 F C	
500-266421-5	18#S_FD	Total/NA	Water	SM 4500 F C	
500-266421-8	07	Total/NA	Water	SM 4500 F C	
500-266421-9	07_FD	Total/NA	Water	SM 4500 F C	
500-266421-10	08	Total/NA	Water	SM 4500 F C	
500-266421-11	08&D	Total/NA	Water	SM 4500 F C	
500-266421-12	18&D	Total/NA	Water	SM 4500 F C	
500-266421-20	45#S	Total/NA	Water	SM 4500 F C	
MB 500-813278/3	Method Blank	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	
LCS 500-813278/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 813355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total/NA	Water	SM 2540C	
500-266421-3	18#S	Total/NA	Water	SM 2540C	
500-266421-5	18#S_FD	Total/NA	Water	SM 2540C	
500-266421-8	07	Total/NA	Water	SM 2540C	
500-266421-9	07_FD	Total/NA	Water	SM 2540C	
500-266421-10	08	Total/NA	Water	SM 2540C	
500-266421-11	08&D	Total/NA	Water	SM 2540C	

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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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

General Chemistry (Continued)

Analysis Batch: 813355 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-12	18&D	Total/NA	Water	SM 2540C	
500-266421-20	45#S	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	
500-266421-1 MS	03R	Total/NA	Water	SM 2540C	
500-266421-1 DU	03R	Total/NA	Water	SM 2540C	

Analysis Batch: 813420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-23	FB	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	

Analysis Batch: 813470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total/NA	Water	SM 2320B	
500-266421-3	18#S	Total/NA	Water	SM 2320B	
500-266421-5	18#S_FD	Total/NA	Water	SM 2320B	
500-266421-8	07	Total/NA	Water	SM 2320B	
500-266421-9	07_FD	Total/NA	Water	SM 2320B	
500-266421-10	08	Total/NA	Water	SM 2320B	
500-266421-11	08&D	Total/NA	Water	SM 2320B	
500-266421-12	18&D	Total/NA	Water	SM 2320B	
500-266421-20	45#S	Total/NA	Water	SM 2320B	
MB 500-813470/28	Method Blank	Total/NA	Water	SM 2320B	
MB 500-813470/30	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-813470/31	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 500-813470/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 813658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-23	FB	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: 814731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-23	FB	Total/NA	Water	SM 2320B	
MB 500-814731/54	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-814731/55	Lab Control Sample	Total/NA	Water	SM 2320B	
500-266421-23 DU	FB	Total/NA	Water	SM 2320B	

Analysis Batch: 814732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-23	FB	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	

QC Association Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

Field Service / Mobile Lab

Analysis Batch: 814664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266421-1	03R	Total/NA	Water	Field Sampling	
500-266421-3	18#S	Total/NA	Water	Field Sampling	
500-266421-5	18#S_FD	Total/NA	Water	Field Sampling	
500-266421-8	07	Total/NA	Water	Field Sampling	
500-266421-9	07_FD	Total/NA	Water	Field Sampling	
500-266421-10	08	Total/NA	Water	Field Sampling	
500-266421-11	08&D	Total/NA	Water	Field Sampling	
500-266421-12	18&D	Total/NA	Water	Field Sampling	
500-266421-20	45#S	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, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
SDG: HEN_845_802-805

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: 500-266421-12 MS
Matrix: Water
Analysis Batch: 813363

Client Sample ID: 18&D
Prep Type: Total Recoverable
Prep Batch: 813096

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.025		0.250	0.285		mg/L		104	70 - 130

Lab Sample ID: 500-266421-12 DU
Matrix: Water
Analysis Batch: 813363

Client Sample ID: 18&D
Prep Type: Total Recoverable
Prep Batch: 813096

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lithium	0.025		0.0261		mg/L		3	20

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

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QC Sample Results

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

ATTACHMENT B.
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
SDG: HEN_845_802-805

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-812994/1-A
Matrix: Water
Analysis Batch: 813334

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 812994

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 08:17	04/10/25 14:07	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/09/25 08:17	04/10/25 14:07	1
Barium	<0.0025		0.0025	0.00073	mg/L		04/09/25 08:17	04/10/25 14:07	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 08:17	04/10/25 14:07	1
Boron	0.0388	J	0.050	0.013	mg/L		04/09/25 08:17	04/10/25 14:07	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/09/25 08:17	04/10/25 14:07	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 08:17	04/10/25 14:07	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/09/25 08:17	04/10/25 14:07	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/09/25 08:17	04/10/25 14:07	1
Magnesium	<0.20		0.20	0.049	mg/L		04/09/25 08:17	04/10/25 14:07	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/09/25 08:17	04/10/25 14:07	1
Potassium	<0.50		0.50	0.11	mg/L		04/09/25 08:17	04/10/25 14:07	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/09/25 08:17	04/10/25 14:07	1
Sodium	<0.20		0.20	0.077	mg/L		04/09/25 08:17	04/10/25 14:07	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 08:17	04/10/25 14:07	1

Lab Sample ID: MB 500-812994/1-A
Matrix: Water
Analysis Batch: 813532

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 812994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.20		0.20	0.044	mg/L		04/09/25 08:17	04/11/25 17:33	1

Lab Sample ID: LCS 500-812994/2-A
Matrix: Water
Analysis Batch: 813334

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 812994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.502		mg/L		100	80 - 120
Arsenic	0.100	0.0998		mg/L		100	80 - 120
Barium	0.500	0.488		mg/L		98	80 - 120
Beryllium	0.0500	0.0478		mg/L		96	80 - 120
Boron	1.00	0.994		mg/L		99	80 - 120
Cadmium	0.0500	0.0485		mg/L		97	80 - 120
Chromium	0.200	0.186		mg/L		93	80 - 120
Cobalt	0.500	0.497		mg/L		99	80 - 120
Lead	0.100	0.0957		mg/L		96	80 - 120
Magnesium	10.0	9.92		mg/L		99	80 - 120
Molybdenum	1.00	0.941		mg/L		94	80 - 120
Potassium	10.0	10.0		mg/L		100	80 - 120
Selenium	0.100	0.0963		mg/L		96	80 - 120
Sodium	10.0	9.83		mg/L		98	80 - 120
Thallium	0.100	0.0949		mg/L		95	80 - 120

QC Sample Results

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

ATTACHMENT B.
HEN-845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN-845-802-805
SDG: HEN_845_802-805

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

Lab Sample ID: LCS 500-812994/2-A
Matrix: Water
Analysis Batch: 813532

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 812994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	10.0	8.14		mg/L		81	80 - 120

Lab Sample ID: 500-266421-1 MS
Matrix: Water
Analysis Batch: 813334

Client Sample ID: 03R
Prep Type: Total Recoverable
Prep Batch: 812994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.514		mg/L		103	75 - 125
Arsenic	0.00063	J	0.100	0.101		mg/L		100	75 - 125
Barium	0.056		0.500	0.541		mg/L		97	75 - 125
Beryllium	<0.0010		0.0500	0.0479		mg/L		96	75 - 125
Boron	0.49	B	1.00	1.46		mg/L		97	75 - 125
Cadmium	0.00019	J	0.0500	0.0489		mg/L		97	75 - 125
Chromium	<0.0050		0.200	0.185		mg/L		92	75 - 125
Cobalt	<0.0010		0.500	0.483		mg/L		97	75 - 125
Lead	<0.00050		0.100	0.0958		mg/L		96	75 - 125
Magnesium	26		10.0	35.9		mg/L		95	75 - 125
Molybdenum	0.076		1.00	1.04		mg/L		97	75 - 125
Potassium	7.8		10.0	17.4		mg/L		96	75 - 125
Selenium	0.0052		0.100	0.106		mg/L		101	75 - 125
Sodium	46		10.0	55.4	4	mg/L		92	75 - 125
Thallium	<0.0020		0.100	0.0968		mg/L		97	75 - 125

Lab Sample ID: 500-266421-1 MS
Matrix: Water
Analysis Batch: 813532

Client Sample ID: 03R
Prep Type: Total Recoverable
Prep Batch: 812994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	93		10.0	99.7	4	mg/L		71	75 - 125

Lab Sample ID: 500-266421-1 MSD
Matrix: Water
Analysis Batch: 813334

Client Sample ID: 03R
Prep Type: Total Recoverable
Prep Batch: 812994

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	<0.0030		0.500	0.512		mg/L		102	75 - 125	0	20
Arsenic	0.00063	J	0.100	0.102		mg/L		102	75 - 125	1	20
Barium	0.056		0.500	0.541		mg/L		97	75 - 125	0	20
Beryllium	<0.0010		0.0500	0.0467		mg/L		93	75 - 125	2	20
Boron	0.49	B	1.00	1.43		mg/L		94	75 - 125	2	20
Cadmium	0.00019	J	0.0500	0.0486		mg/L		97	75 - 125	1	20
Chromium	<0.0050		0.200	0.183		mg/L		92	75 - 125	1	20
Cobalt	<0.0010		0.500	0.478		mg/L		96	75 - 125	1	20
Lead	<0.00050		0.100	0.0953		mg/L		95	75 - 125	1	20
Magnesium	26		10.0	35.7		mg/L		92	75 - 125	1	20
Molybdenum	0.076		1.00	1.04		mg/L		97	75 - 125	0	20
Potassium	7.8		10.0	17.3		mg/L		95	75 - 125	1	20
Selenium	0.0052		0.100	0.107		mg/L		102	75 - 125	1	20
Sodium	46		10.0	54.9	4	mg/L		87	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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN-25Q2-805
SDG: HEN_845_802-805

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

Lab Sample ID: 500-266421-1 MSD
Matrix: Water
Analysis Batch: 813334

Client Sample ID: 03R
Prep Type: Total Recoverable
Prep Batch: 812994

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium	<0.0020		0.100	0.0980		mg/L		98	75 - 125	1	20

Lab Sample ID: 500-266421-1 MSD
Matrix: Water
Analysis Batch: 813532

Client Sample ID: 03R
Prep Type: Total Recoverable
Prep Batch: 812994

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	93		10.0	102	4	mg/L		98	75 - 125	3	20

Lab Sample ID: 500-266421-1 DU
Matrix: Water
Analysis Batch: 813334

Client Sample ID: 03R
Prep Type: Total Recoverable
Prep Batch: 812994

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.00063	J	0.000366	J F5	mg/L		54	20
Barium	0.056		0.0556		mg/L		0.5	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Boron	0.49	B	0.507		mg/L		3	20
Cadmium	0.00019	J	<0.00050		mg/L		NC	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Magnesium	26		26.6		mg/L		0.5	20
Molybdenum	0.076		0.0754		mg/L		0.6	20
Potassium	7.8		7.73		mg/L		0.6	20
Selenium	0.0052		0.00575		mg/L		9	20
Sodium	46		46.1		mg/L		0.2	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-266421-1 DU
Matrix: Water
Analysis Batch: 813532

Client Sample ID: 03R
Prep Type: Total Recoverable
Prep Batch: 812994

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Calcium	93		92.3		mg/L		0.3	20

Lab Sample ID: MB 500-813105/1-A
Matrix: Water
Analysis Batch: 813334

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813105

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 16:48	04/10/25 14:54	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/09/25 16:48	04/10/25 14:54	1
Barium	<0.0025		0.0025	0.00073	mg/L		04/09/25 16:48	04/10/25 14:54	1
Boron	0.0363	J	0.050	0.013	mg/L		04/09/25 16:48	04/10/25 14:54	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/09/25 16:48	04/10/25 14:54	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/09/25 16:48	04/10/25 14:54	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/09/25 16:48	04/10/25 14:54	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/09/25 16:48	04/10/25 14:54	1

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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, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
SDG: HEN_845_802-805

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

Lab Sample ID: MB 500-813105/1-A
Matrix: Water
Analysis Batch: 813334

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.20		0.20	0.049	mg/L		04/09/25 16:48	04/10/25 14:54	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/09/25 16:48	04/10/25 14:54	1
Potassium	<0.50		0.50	0.11	mg/L		04/09/25 16:48	04/10/25 14:54	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/09/25 16:48	04/10/25 14:54	1
Sodium	<0.20		0.20	0.077	mg/L		04/09/25 16:48	04/10/25 14:54	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/09/25 16:48	04/10/25 14:54	1

Lab Sample ID: MB 500-813105/1-A
Matrix: Water
Analysis Batch: 813532

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 813105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/09/25 16:48	04/11/25 16:53	1
Calcium	<0.20		0.20	0.044	mg/L		04/09/25 16:48	04/11/25 16:53	1

Lab Sample ID: LCS 500-813105/2-A
Matrix: Water
Analysis Batch: 813334

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813105

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.490		mg/L		98	80 - 120
Arsenic	0.100	0.0966		mg/L		97	80 - 120
Barium	0.500	0.473		mg/L		95	80 - 120
Boron	1.00	0.933		mg/L		93	80 - 120
Cadmium	0.0500	0.0472		mg/L		94	80 - 120
Chromium	0.200	0.181		mg/L		91	80 - 120
Cobalt	0.500	0.482		mg/L		96	80 - 120
Lead	0.100	0.0918		mg/L		92	80 - 120
Magnesium	10.0	9.58		mg/L		96	80 - 120
Molybdenum	1.00	0.902		mg/L		90	80 - 120
Potassium	10.0	9.66		mg/L		97	80 - 120
Selenium	0.100	0.0936		mg/L		94	80 - 120
Sodium	10.0	9.48		mg/L		95	80 - 120
Thallium	0.100	0.0914		mg/L		91	80 - 120

Lab Sample ID: LCS 500-813105/2-A
Matrix: Water
Analysis Batch: 813532

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 813105

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0476		mg/L		95	80 - 120
Calcium	10.0	8.25		mg/L		83	80 - 120

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

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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, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
HEN-25Q2-802-805
SDG: HEN_845_802-805

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

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
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
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

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QC Sample Results

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

ATTACHMENT B.
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
SDG: HEN_845_802-805

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

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	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
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

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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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN-25Q2-805
SDG: HEN_845_802-805

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

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
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
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

QC Sample Results

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

ATTACHMENT B.
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
SDG: HEN_845_802-805

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-813086/12-A
Matrix: Water
Analysis Batch: 813222

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 813086

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/09/25 14:40	04/10/25 11:05	1

Lab Sample ID: LCS 500-813086/13-A
Matrix: Water
Analysis Batch: 813222

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 813086

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00194		mg/L		97	80 - 120

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: 500-266421-11 MS
Matrix: Water
Analysis Batch: 813413

Client Sample ID: 08&D
Prep Type: Total/NA
Prep Batch: 813252

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.00100		mg/L		100	75 - 125

Lab Sample ID: 500-266421-11 MSD
Matrix: Water
Analysis Batch: 813413

Client Sample ID: 08&D
Prep Type: Total/NA
Prep Batch: 813252

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.00100		mg/L		100	75 - 125	0	20

Lab Sample ID: 500-266421-11 DU
Matrix: Water
Analysis Batch: 813413

Client Sample ID: 08&D
Prep Type: Total/NA
Prep Batch: 813252

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

Lab Sample ID: MB 500-813431/12-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

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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, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
HEN-25Q2-805
SDG: HEN_845_802-805

Method: 7470A - Mercury (CVAA)

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

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 500-813191/3
Matrix: Water
Analysis Batch: 813191

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 01:05	1
Sulfate	<1.0		1.0	0.47	mg/L			04/11/25 01:05	1

Lab Sample ID: LCS 500-813191/4
Matrix: Water
Analysis Batch: 813191

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	19.6		mg/L		98	90 - 110
Sulfate	20.0	20.3		mg/L		101	90 - 110

Lab Sample ID: 500-266421-1 MS
Matrix: Water
Analysis Batch: 813191

Client Sample ID: 03R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	79		50.0	133		mg/L		107	80 - 120
Sulfate	73		50.0	125		mg/L		104	80 - 120

Lab Sample ID: 500-266421-1 MSD
Matrix: Water
Analysis Batch: 813191

Client Sample ID: 03R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	79		50.0	131		mg/L		105	80 - 120	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, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 500-266421-1 MSD
Matrix: Water
Analysis Batch: 813191

Client Sample ID: 03R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	73		50.0	123		mg/L		101	80 - 120	1	20

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

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: 500-266421-G-11 MS
Matrix: Water
Analysis Batch: 813191

Client Sample ID: 500-266421-G-11 MS
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	310	F1	100	428	F1	mg/L		122	80 - 120
Sulfate	180		100	287		mg/L		110	80 - 120

Lab Sample ID: 500-266421-G-11 MSD
Matrix: Water
Analysis Batch: 813191

Client Sample ID: 500-266421-G-11 MSD
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	310	F1	100	415		mg/L		109	80 - 120	3	20
Sulfate	180		100	276		mg/L		100	80 - 120	4	20

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QC Sample Results

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

ATTACHMENT B.
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
SDG: HEN_845_802-805

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: MB 500-813470/30
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 14:01	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			04/10/25 14:01	1

Lab Sample ID: LCS 500-813470/31
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: 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 500-814731/54
Matrix: Water
Analysis Batch: 814731

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			04/22/25 18:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			04/22/25 18:10	1

Lab Sample ID: LCS 500-814731/55
Matrix: Water
Analysis Batch: 814731

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

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

Lab Sample ID: 500-266421-23 DU
Matrix: Water
Analysis Batch: 814731

Client Sample ID: FB
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20
Carbonate Alkalinity as CaCO3	6.4		<5.0		mg/L		NC	20

QC Sample Results

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

ATTACHMENT B.
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
SDG: HEN_845_802-805

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

Lab Sample ID: 500-266421-1 MS
Matrix: Water
Analysis Batch: 813355

Client Sample ID: 03R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	480		250	770		mg/L		118	75 - 125

Lab Sample ID: 500-266421-1 DU
Matrix: Water
Analysis Batch: 813355

Client Sample ID: 03R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	480		482		mg/L		1	5

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

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-813278/3
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 13:26	1

QC Sample Results

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

ATTACHMENT B.
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
SDG: HEN_845_802-805

Method: SM 4500 F C - Fluoride (Continued)

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: LCS 500-813278/4
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	9.98		mg/L		100	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

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN-25Q2-805
SDG: HEN_845_802-805

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

Client Sample ID: 03R

Date Collected: 04/07/25 16:15

Date Received: 04/08/25 12:11

Lab Sample ID: 500-266421-1

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 12:54
Total Recoverable	Prep	3005A			812994	BDE	EET CHI	04/09/25 08:17 - 04/09/25 14:17 ¹
Total Recoverable	Analysis	6020B		1	813334	RN	EET CHI	04/10/25 14:17
Total Recoverable	Prep	3005A			812994	BDE	EET CHI	04/09/25 08:17 - 04/09/25 14:17 ¹
Total Recoverable	Analysis	6020B		1	813532	RN	EET CHI	04/11/25 17:36
Total/NA	Prep	7470A			813086	MJG	EET CHI	04/09/25 14:40 - 04/09/25 16:40 ¹
Total/NA	Analysis	7470A		1	813222	MJG	EET CHI	04/10/25 11:38
Total/NA	Analysis	300.0		5	813191	MB	EET CHI	04/11/25 01:29
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 10:44
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 04:24
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 14:26
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/07/25 16:15

Client Sample ID: 18#S

Date Collected: 04/07/25 15:45

Date Received: 04/08/25 12:11

Lab Sample ID: 500-266421-3

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 12:58
Total Recoverable	Prep	3005A			812994	BDE	EET CHI	04/09/25 08:17 - 04/09/25 14:17 ¹
Total Recoverable	Analysis	6020B		1	813334	RN	EET CHI	04/10/25 14:35
Total Recoverable	Prep	3005A			812994	BDE	EET CHI	04/09/25 08:17 - 04/09/25 14:17 ¹
Total Recoverable	Analysis	6020B		1	813532	RN	EET CHI	04/11/25 17:55
Total/NA	Prep	7470A			813086	MJG	EET CHI	04/09/25 14:40 - 04/09/25 16:40 ¹
Total/NA	Analysis	7470A		1	813222	MJG	EET CHI	04/10/25 11:42
Total/NA	Analysis	300.0		10	813191	MB	EET CHI	04/11/25 02:15
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 11:05
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 04:37
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 14:33
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/07/25 15:45

Client Sample ID: 18#S_FD

Date Collected: 04/07/25 16:05

Date Received: 04/08/25 12:11

Lab Sample ID: 500-266421-5

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 13:02
Total Recoverable	Prep	3005A			812994	BDE	EET CHI	04/09/25 08:17 - 04/09/25 14:17 ¹
Total Recoverable	Analysis	6020B		1	813334	RN	EET CHI	04/10/25 14:37
Total Recoverable	Prep	3005A			812994	BDE	EET CHI	04/09/25 08:17 - 04/09/25 14:17 ¹
Total Recoverable	Analysis	6020B		1	813532	RN	EET CHI	04/11/25 17:57

Eurofins Chicago

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4

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

Job ID: 500-266421-4
SDG: HEN_845_802-805

Client Sample ID: 18#S_FD

Date Collected: 04/07/25 16:05

Date Received: 04/08/25 12:11

Lab Sample ID: 500-266421-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total//NA	Prep	7470A			813086	MJG	EET CHI	04/09/25 14:40 - 04/09/25 16:40 ¹
Total//NA	Analysis	7470A		1	813222	MJG	EET CHI	04/10/25 11:45
Total//NA	Analysis	300.0		10	813191	MB	EET CHI	04/11/25 02:27
Total//NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 11:15
Total//NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 04:39
Total//NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 14:37
Total//NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/07/25 16:05

Client Sample ID: 07

Date Collected: 04/08/25 08:50

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-8

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 13:07
Total Recoverable	Prep	3005A			813105	S1Z	EET CHI	04/09/25 16:48 - 04/09/25 22:48 ¹
Total Recoverable	Analysis	6020B		1	813334	RN	EET CHI	04/10/25 15:47
Total Recoverable	Prep	3005A			813105	S1Z	EET CHI	04/09/25 16:48 - 04/09/25 22:48 ¹
Total Recoverable	Analysis	6020B		1	813532	RN	EET CHI	04/11/25 17:10
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 10:34
Total//NA	Analysis	300.0		5	813191	MB	EET CHI	04/11/25 03:25
Total//NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 11:47
Total//NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 04:47
Total//NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 14:49
Total//NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 08:50

Client Sample ID: 07_FD

Date Collected: 04/08/25 08:55

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-9

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 13:11
Total Recoverable	Prep	3005A			813105	S1Z	EET CHI	04/09/25 16:48 - 04/09/25 22:48 ¹
Total Recoverable	Analysis	6020B		1	813334	RN	EET CHI	04/10/25 15:52
Total Recoverable	Prep	3005A			813105	S1Z	EET CHI	04/09/25 16:48 - 04/09/25 22:48 ¹
Total Recoverable	Analysis	6020B		1	813532	RN	EET CHI	04/11/25 17:14
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 10:36
Total//NA	Analysis	300.0		5	813191	MB	EET CHI	04/11/25 03:36
Total//NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 11:57
Total//NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 04:50

Eurofins Chicago

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

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

Job ID: 500-266421-4
SDG: HEN_845_802-805

Client Sample ID: 07_FD

Date Collected: 04/08/25 08:55

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 15:03
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 08:55

Client Sample ID: 08

Date Collected: 04/08/25 15:15

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-10

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 13:16
Total Recoverable	Prep	3005A			813105	S1Z	EET CHI	04/09/25 16:48 - 04/09/25 22:48 ¹
Total Recoverable	Analysis	6020B		1	813334	RN	EET CHI	04/10/25 15:57
Total Recoverable	Prep	3005A			813105	S1Z	EET CHI	04/09/25 16:48 - 04/09/25 22:48 ¹
Total Recoverable	Analysis	6020B		1	813532	RN	EET CHI	04/11/25 17:19
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 10:38
Total/NA	Analysis	300.0		10	813191	MB	EET CHI	04/11/25 03:48
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 12:07
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 04:52
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 15:07
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 15:15

Client Sample ID: 08&D

Date Collected: 04/08/25 16:20

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-11

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 13:21
Total Recoverable	Prep	3005A			813105	S1Z	EET CHI	04/09/25 16:48 - 04/09/25 22:48 ¹
Total Recoverable	Analysis	6020B		1	813334	RN	EET CHI	04/10/25 16:02
Total Recoverable	Prep	3005A			813105	S1Z	EET CHI	04/09/25 16:48 - 04/09/25 22:48 ¹
Total Recoverable	Analysis	6020B		1	813532	RN	EET CHI	04/11/25 17:28
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 10:40
Total/NA	Analysis	300.0		10	813191	MB	EET CHI	04/11/25 04:00
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 12:18
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 04:55
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 15:12
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 16:20

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN-25Q2-805
SDG: HEN_845_802-805

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

Client Sample ID: 18&D

Date Collected: 04/08/25 09:20

Date Received: 04/09/25 11:58

Lab Sample ID: 500-266421-12

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 13:25
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 18:14
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 14:42
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 11:24
Total/NA	Analysis	300.0		5	813239	MB	EET CHI	04/12/25 01:26
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 12:29
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 04:57
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 15:16
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 09:20

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 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 19:37
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 18:28
Total Recoverable	Prep	3005A			813161	BDE	EET CHI	04/10/25 08:23 - 04/10/25 14:23 ¹
Total Recoverable	Analysis	6020B		1	813861	RN	EET CHI	04/15/25 12:56
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 09:43
Total/NA	Analysis	300.0		5	813186	MM	EET CHI	04/10/25 20:38
Total/NA	Analysis	SM 2320B		1	813470	AC	EET CHI	04/10/25 14:15
Total/NA	Analysis	SM 2540C		1	813355	CLB	EET CHI	04/11/25 05:18
Total/NA	Analysis	SM 4500 F C		1	813278	AC	EET CHI	04/10/25 16:13
Total/NA	Analysis	Field Sampling		1	814664	DN	EET CHI	04/08/25 10:15

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 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 17:07
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 14:50
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 13:34

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Lab Chronicle

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-4
HEN_845_802-805
SDG: HEN_845_802-805

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	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 10:14
Total/NA	Analysis	300.0		1	813420	NMB	EET CHI	04/12/25 09:33
Total/NA	Analysis	SM 2320B		1	814731	AC	EET CHI	04/22/25 18:24
Total/NA	Analysis	SM 2540C		1	813658	CLB	EET CHI	04/15/25 02:22
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 13:12

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.
Q45 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-266421-4
HEN-25-802-805
SDG: HEN_845_802-805

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

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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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05/02/25

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

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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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05/02/25

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

Page 3 of 323

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

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

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$$3.0+4.1, 3.4+3.7, 2.3+2.6, 4.9+5.2$$

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

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

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05/02/25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266421-4
SDG Number: HEN_845_802-805

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
IN POWER PLANT, ASH PONDS NO. 2 AND NO. 4

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.

Eurofins Chicago

Detection Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500-266421-2
SDG: HEN_000_RAD

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.

Eurofins Chicago

Detection Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
SDG: HEN_000_RAD

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.

Eurofins Chicago

Method Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
SDG: HEN_000_RAD

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

Protocol References:

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

Laboratory References:

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

Sample Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
SDG: HEN_000_RAD

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

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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-505
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-266421-2
HEN-845-02-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
SDG: HEN_000_RAD

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

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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
SDG: HEN_000_RAD

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

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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
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

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
SDG: HEN_000_RAD

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

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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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-505
SDG: HEN_000_RAD

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

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
SDG: HEN_000_RAD

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
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	90.2		30 - 110							
								Prepared	Analyzed	Dil Fac
								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

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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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
SDG: HEN_000_RAD

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

Carrier	MSD %Yield	MSD 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	MB %Yield	MB 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	LCS %Yield	LCS 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	MB %Yield	MB 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

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845Q2-500
SDG: HEN_000_RAD

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

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

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.45	10.82		1.44	1.00	0.554	pCi/L	115	75 - 125
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

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	0.367	U	9.42	10.29		1.37	1.00	0.536	pCi/L	105	60 - 140
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

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	Limit
Radium-228	0.367	U	9.42	11.86		1.57	1.00	0.569	pCi/L	122	60 - 140	0.54	1

Eurofins Chicago

QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-505
SDG: HEN_000_RAD

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

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-806
SDG: HEN_000_RAD

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

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

MS		MS	Limits
Carrier	%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	Total												
	Sample	Sample	Spike	MSD	MSD	Total Uncert.	RL	MDC	Unit	%Rec	%Rec	RER	
	Result	Qual		Added	Result								Qual
Radium-228	0.187	U	9.41	10.76		1.42	1.00	0.542	pCi/L	112	60 - 140	0.03	1

MSD		MSD	Limits
Carrier	%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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
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

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

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
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

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

Lab Sample ID: 500-266421-23

Date Collected: 04/10/25 08:55

Matrix: Water

Date Received: 04/10/25 11:23

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

Lab Sample ID: 500-266421-25

Date Collected: 04/09/25 08:40

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	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

Lab Sample ID: 500-266421-26

Date Collected: 04/09/25 09:50

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	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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
SDG: HEN_000_RAD

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

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

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

Lab Sample ID: 500-266421-32

Date Collected: 04/09/25 13:45

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	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

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	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

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/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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-84502-500
SDG: HEN_000_RAD

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

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/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

Lab Sample ID: 500-266421-36

Date Collected: 04/09/25 14:45

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	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

Lab Sample ID: 500-266421-37

Date Collected: 04/09/25 11:00

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	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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-002-500
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

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REGULATORY AGENCY		
GROUND WATER		DRINKING WATER
RCRA	OTHER	
Location	IL	
STATE		

1.6+2.2, 1.7+2.3

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

[illegible]
$$1.4 + 2.2, 1.7 + 2.3$$

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: IL	
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		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	SAMPLE ID (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE		DRINK WATER DW WATER WT WASTE WATER VW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	CODE			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 Adallay		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 Adallay													
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)													

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05/19/25

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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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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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05/19/25

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Page 3 of 323

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

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

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05/19/25

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: 500-199688.1						
Client Contact:		Phone: N/A	E-Mail: Dirk.Nelson@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1						
Shipping/Receiving		Accreditations Required (See note): NELAP - Illinois			Job #: 500-266421-2						
Company: TestAmerica Laboratories, Inc.		Preservation Codes:									
Address: 13715 Rider Trail North,		Analysis Requested									
City: Earth City		Due Date Requested: 5/7/2025									
State, Zip: MO, 63045		TAT Requested (days): N/A									
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		PO #: N/A									
Email: N/A		W/O #: N/A									
Project #: 50024191		Matrix (W=water, S=solid, O=waste/oil, AT=Air, T=soil, A=air)									
Site: Vistra Corp-Hennepin		SSOW#: N/A									
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_228GFP_C_P/BB	Total Number of containers	Special Instructions/Note:
03R (500-266421-1)	4/7/25	16:15 Central	G	Water	X	X	X	X	X	2	
18#S (500-266421-3)	4/7/25	15:45 Central	G	Water	X	X	X	X	X	2	
18#S_FD (500-266421-5)	4/7/25	16:05 Central	G	Water	X	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:											
Relinquished by: Date/Time: Company: Received by: Date/Time: Company: 08/15 APR 19 2024											
Relinquished by: Date/Time: Company: Received by: Cheyenne Forrest Date/Time: Company:											
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:											
Custody Seals Intact: Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:											
Δ Yes Δ No											

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

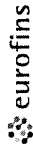
Eurofins Chicago

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.									
Address:		NELAP - Illinois									
13715 Rider Trail North,		Job #: 500-266421-2									
City: Earth City		Preservation Codes:									
State, Zip: MO, 63045		Analysis Requested									
Phone: 314-298-8586(Tel) 314-298-8757(Fax)		Due Date Requested: 5/8/2025									
Email: N/A		TAT Requested (days): N/A									
PO #: N/A		RO #: N/A									
WO #: N/A		Project #: 50024191									
Project Name: HEN-25Q2		SSOW#: N/A									
Site: Vistra Corp-Hennepin		Matrix (W=water, S=solid, O=waste/oil, ST=Thru, A=Air)									
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	Ra226.228GFP_C_P/BB	Total Number of containers	Special Instructions/Note:
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/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.											
Possible Hazard Identification											
Unconfirmed											
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2											
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 10:20</i> Received by: <i>M. Pinette</i> Date/Time: <i>APR 10 2025 08:30</i> Company: <i>Company</i>											
Relinquished by: Date/Time: Received by: <i>Meadow Pinette</i> Date/Time: Company: <i>Company</i>											
Relinquished by: Date/Time: Received by: Date/Time: Company: <i>Company</i>											
Custody Seals Intact: ☐ Yes ☐ No Cooler Temperature(s) °C and Other Remarks:											

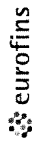
Eurofins Chicago

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:	Lab PM:	Carrier Tracking No(s):	COC No:							
Client Contact:		N/A	Nelson, Dirk	N/A	500-199731.1							
Shipping/Receiving		Phone:	E-Mail:	State of Origin:	Page:							
		N/A	Dirk.Nelson@et.eurofins.com	Illinois	Page 1 of 3							
Company:		Accreditations Required (See note):			Job #:							
TestAmerica Laboratories, Inc.		NELAP - Illinois			500-266421-1							
Address:		Due Date Requested:			Preservation Codes:							
13715 Rider Trail North,		4/22/2025										
City:		TAT Requested (days):										
Earth City		N/A										
State, Zip:												
MO, 63045												
Phone:		PO #:										
314-298-8566(Tel) 314-298-8757(Fax)		N/A										
Email:		WO #:										
N/A		N/A										
Project Name:		Project #:										
HEN-25Q2		50024191										
Site:		SSOW#:										
Vistra Corp-Hennepin		N/A										
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PreSep, 21 BB	904.0/PreSep, 0 BB	Ra226.228GFP, 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	
22&D (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												
Special Instructions/QC Requirements:												
Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months												
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)												
Method of Shipment:												
Received by: <i>Chyenenne Forrest</i> Date/Time: <i>0820 APR 11 2025</i> Company: <i>Company</i>												
Relinquished by: <i>Chyenenne Forrest</i> Date/Time: <i>0820 APR 11 2025</i> Company: <i>Company</i>												
Relinquished by: <i>Chyenenne Forrest</i> Date/Time: <i>0820 APR 11 2025</i> Company: <i>Company</i>												
Custody Seals Intact: <i>Chyenenne Forrest</i> Date/Time: <i>0820 APR 11 2025</i> Company: <i>Company</i>												
Cooler Temperature(s) °C and Other Remarks:												

Phone: 708-534-5200 Fax: 708-534-5211

05/19/25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

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 $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2,2.3,2.4,3.3,1.9,2.4,2.0,3.4,4.4,4.1,3.7,2.6,5.2
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

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 $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

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.

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

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, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-266421-2
HEN-845-02-500
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

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
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. Assaamy</u>																
WELL INFORMATION				EVENT TYPE												
Well ID: <u>2</u>				Well Development					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>4115939x</u>							
Casing ID: _____ Inches				Well Volume Approach Sampling					(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	1.86	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

Field Personnel: G. Assembly

EVENT TYPE

Low-Flow / Low Stress Sampling Other YSI SERIAL NO: 6115034X
(Specify): Low Flow Heron Serial NO: 1109335X

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 ORP - Oxidation-Reduction Potential SEC -
FT BTOC - Feet Below Top of Casing na - 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 (Specify): Low Flow							
					YSI SERIAL NO: <u>U1197668</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>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: <u>2024.1111</u>	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
Casing ID: <u>2</u> <u>Inches</u>	Well Volume Approach Sampling <u>200mL</u> <u>Low-Flow / Low Stress Sampling Other</u> YSI SERIAL NO: <u>U119766K</u> (Specify): <u>Low Flow</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>4/18</u> /2025		Time: <u>1445</u>						
Field Personnel: <u>1.0515</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>4/18</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: <u>2024.1111</u>	Task #: _____	Start Date: <u>4/8/2025</u>	Time: <u>1550</u>
Field Personnel: <u>Corne</u>			

WELL INFORMATION	EVENT TYPE
Well ID: <u>8D</u>	Well Development Well Volume Approach Sampling <u>200ML</u> (Specify): Low Flow
Casing ID: <u>2</u> Inches	
YSI SERIAL NO: <u>0119764K</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>1550</u>		<u>54.35</u>								Clear ↓
Purge	5	<u>1555</u>	<u>0.5</u>	<u>54.35</u>		<u>11.9</u>	<u>6.98</u>	<u>1690</u>	<u>7.36</u>	<u>8.67</u>	<u>122.0</u>	
	10	<u>1600</u>		<u>54.35</u>		<u>11.9</u>	<u>6.71</u>	<u>1842</u>	<u>3.13</u>	<u>7.98</u>	<u>132.4</u>	
	15	<u>1605</u>	<u>2</u>	<u>54.35</u>		<u>12.0</u>	<u>6.64</u>	<u>1892</u>	<u>1.35</u>	<u>6.80</u>	<u>135.4</u>	
*****	20	<u>1610</u>		<u>54.35</u>		<u>12.1</u>	<u>6.62</u>	<u>1894</u>	<u>0.91</u>	<u>6.32</u>	<u>135.3</u>	
↓	25	<u>1615</u>		<u>54.35</u>		<u>12.1</u>	<u>6.62</u>	<u>1895</u>	<u>0.90</u>	<u>6.30</u>	<u>134.5</u>	
Sample	30	<u>1620</u>	<u>2.5</u>	<u>54.35</u>		<u>12.0</u>	<u>6.61</u>	<u>1895</u>	<u>0.88</u>	<u>6.28</u>	<u>134.7</u>	
	35	<u>1625</u>	<u>3</u>	<u>54.35</u>								
	40											
	45											
	50											
	55											
	60											

NOTES (continued)	ABBREVIATIONS
Sampled @ <u>1620</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 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</u> on <u>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> Low-Flow / Low Stress Sampling Other 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>Corne</u>			

WELL INFORMATION	EVENT TYPE
Well ID: <u>132</u>	Well Development
Casing ID: <u>132</u> Inches	Well Volume Approach Sampling <u>200 mL</u>
	Low-Flow / Low Stress Sampling Other <u>YSI SERIAL NO: 0119766K</u> (Specify): Low Flow <u>Heron Serial NO: 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	0915		51.40		15.1	7.15	792	4.36	6.91	213.6	Clear
Purge	5	0920		51.40								
	10	0925	1 GAL	51.40		15.3	7.16	792	4.03	5.67	144.9	
	15	0930		51.40		15.4	7.16	792	3.89	5.29	156.8	
*****	20	0935	2 GAL	51.40		15.5	7.16	792	3.85	5.77	161.9	
↓	25	0945		51.40		15.6	7.16	793	3.83	5.99	164.3	
↓	30	0950	3 GAL	51.40		15.6	7.16	793	3.80	4.84	165.6	↓
	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 Bailor								
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: 174W3	
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	4.10	202.4	↓
	15	0800		54.25		14.6	7.14	809	7.42	4.10	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			
Casing ID: _____ Inches					Well Volume Approach Sampling				(Specify): Low Flow			
					YSI SERIAL NO: <u>4115934*</u> 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. Filen</u>												
WELL INFORMATION						EVENT TYPE						
Well ID: <u>185</u>						Well Development Well Volume Approach Sampling Low-Flow Low Stress Sampling Other (Specify): Low Flow						
Casing ID: <u>2</u> <u>Inches</u>												
YSI SERIAL NO: <u>0119766X</u> 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 FT BTOC - Feet Below Top of Casing na -			
									ORP - Oxidation-Reduction Potential SEC - 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 #: <u></u>		Start Date: <u>4/18</u> /2025		Time: <u>1345</u>		Dedicated Bladder		<u>Peristaltic Pump</u>		Portable Bladder Bailor		
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: <u></u> 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>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>		
Purge	5	<u>1355</u>	<u>0.52</u>	<u>5.61</u>	<u>—</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>—</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>—</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>—</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>—</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>—</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>—</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>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</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):								
Project Number: <u>2024.1111</u>			Task #: _____			Start Date: <u>4/9</u> /2025		Time: <u>1250</u>					☒ Dedicated Bladder ☐ Peristaltic Pump ☐ Portable Bladder ☐ Bailor	
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>0.67</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>1074</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): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailor								
Project Number: <u>2024.1111</u>		Task #: <u></u>		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: <u></u> Inches				Well Development Well Volume Approach Sampling		Low-Flow / Low Stress Sampling Other (Specify): Low Flow		YSI SERIAL NO: <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	1525	—	4.04		—	—	—	—	—	—	—
Purge	5	1530	0.5	4.08		11.3	7.00	975	0.37	39.17	-60.7	Clear
	10	1535	1	4.07		11.3	6.99	973	0.15	56.95	-63.7	" "
	15	1540	1.5	4.07		11.3	6.98	972	0.12	63.75	-65.0	" "
*****	20	1545	2	4.08		11.2	6.99	973	0.19	41.74	-60.7	" "
	25	1550	3	4.07		11.2	6.99	972	0.24	44.03	-66.6	" "
↓	30	1555	4	4.06		11.2	6.99	971	0.27	43.72	-67.4	" "
Sample	35	1600										
Sample	40	1605										
	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): <u>Dedicated Bladder</u> <u>Peristaltic Pump</u> <u>Portable Bladder</u> <u>Bailer</u>										
Project Number: <u>2024.1111</u>		Task #: _____		Start Date: <u>4/8/2025</u>		Time: <u>1245</u>								
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>—</u>	<u>3.99</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>		
Purge	5	<u>1250</u>	<u>0.52</u>	<u>3.99</u>	<u>—</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>		<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</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 ☐ Bailer ☐						
Project Number: <u>2024.1111</u>		Task #:		Start Date: <u>8/8/2025</u>		Time: <u>1120</u>						
Field Personnel: <u>G. Assalery</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>35</u> Casing ID: _____ Inches					Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: <u>41154297</u> 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>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): Dedicated Bladder <u>Peristaltic Pump</u> 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> <u>Inches</u>												
					YSI SERIAL NO: <u>019766X</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): ☒ Dedicated Bladder ☐ Peristaltic Pump ☐ Portable Bladder ☐ Bailer						
Project Number: <u>2024.1111</u>			Task #: _____			Start Date: <u>4/8/2025</u>		Time: <u>0945</u>				
Field Personnel: <u>Lorne</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>453</u>					Well Development Well Volume Approach Sampling ☒ Low-Flow / Low Stress Sampling Other (Specify): <u>Low Flow</u>							
Casing ID: <u>2</u> <u>Inches</u>												
					YSI SERIAL NO: <u>1192616</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: <u>Hennepin</u>		Task #:		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer						
Project Number: <u>2024.1111</u>				Start Date: <u>4/9/2025</u>		Time: <u>1210</u>						
Field Personnel: <u>Lorne</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>46</u> Casing ID: <u>2</u> <u>Inches</u>					Well Development Well Volume Approach Sampling <u>20cm</u> Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>U119760K</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>1210</u>		<u>51.52</u>								<u>Clear</u>
Purge	5	<u>1215</u>		<u>51.52</u>		<u>15.4</u>	<u>6.93</u>	<u>813</u>	<u>4.82</u>	<u>4.56</u>	<u>214.6</u>	
	10	<u>1220</u>		<u>51.52</u>		<u>15.5</u>	<u>6.96</u>	<u>813</u>	<u>4.72</u>	<u>4.72</u>	<u>205.9</u>	
	15	<u>1225</u>		<u>51.52</u>		<u>15.7</u>	<u>6.98</u>	<u>811</u>	<u>4.68</u>	<u>4.99</u>	<u>198.9</u>	
*****	20	<u>1230</u>		<u>51.52</u>		<u>15.6</u>	<u>6.99</u>	<u>809</u>	<u>4.66</u>	<u>4.99</u>	<u>191.9</u>	
	25	<u>1235</u>		<u>51.52</u>		<u>15.7</u>	<u>7.00</u>	<u>811</u>	<u>4.66</u>	<u>4.98</u>	<u>187.2</u>	
	30	<u>1240</u>		<u>51.52</u>		<u>15.4</u>	<u>7.01</u>	<u>820</u>	<u>4.66</u>	<u>5.03</u>	<u>186.2</u>	
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>1240</u> on <u>4/9/2025</u>									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: <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>4/9/2025</u>		Time: <u>1320</u>								
Field Personnel: <u>Corne</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>47</u>					Well Development								Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>U119762K</u>	
Casing ID: <u>2</u> <u>Inches</u>					Well Volume Approach Sampling <u>200mL</u>								(Specify): Low Flow Heron Serial NO: <u>174413</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>1320</u>		<u>55.85</u>								<u>Clear</u>		
Purge	5	<u>1325</u>	<u>1 GAL</u>	<u>55.85</u>		<u>16.8</u>	<u>6.98</u>	<u>783</u>	<u>3.31</u>	<u>10.15</u>	<u>167.0</u>			
	10	<u>1330</u>		<u>55.85</u>		<u>16.9</u>	<u>6.98</u>	<u>794</u>	<u>3.26</u>	<u>9.45</u>	<u>167.1</u>			
	15	<u>1335</u>	<u>2 GAL</u>	<u>55.85</u>		<u>17.1</u>	<u>6.98</u>	<u>784</u>	<u>3.20</u>	<u>10.50</u>	<u>166.5</u>			
*****	20	<u>1340</u>		<u>55.85</u>		<u>17.0</u>	<u>6.99</u>	<u>784</u>	<u>3.21</u>	<u>11.09</u>	<u>165.2</u>			
	25	<u>1345</u>	<u>3 GAL</u>	<u>55.85</u>		<u>17.1</u>	<u>6.99</u>	<u>784</u>	<u>3.20</u>	<u>11.98</u>	<u>164.9</u>			
	30													
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)								ABBREVIATIONS						
Sampled @ <u>1345</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						

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>37.4</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 @ 1105 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	

50 sampled @ 1105 on 4/9/25

MSMSD

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Visira</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>410588X</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>0.10</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 -				
								ORP - Oxidation-Reduction Potential SEC - 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>				Well Development									Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>01970de</u> K	
Casing ID: <u>2</u> Inches				Well Volume Approach Sampling <u>2.00m</u> (Specify): Low Flow									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>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>019766K</u>	
Casing ID: <u>2</u> <u>Inches</u>					Well Volume Approach Sampling			(Specify): Low Flow <u>200mL</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>1030</u>		<u>53.30</u>								<u>Clear</u>
Purge	5	<u>1035</u>		<u>53.30</u>		<u>15.5</u>	<u>7.21</u>	<u>761</u>	<u>3.08</u>	<u>6.89</u>	<u>161.9</u>	
	10	<u>1040</u>	<u>1GA</u>	<u>53.30</u>		<u>15.7</u>	<u>7.21</u>	<u>762</u>	<u>2.19</u>	<u>8.07</u>	<u>159.1</u>	
	15	<u>1045</u>		<u>53.30</u>		<u>15.7</u>	<u>7.22</u>	<u>760</u>	<u>1.92</u>	<u>6.78</u>	<u>156.3</u>	
*****	20	<u>1050</u>		<u>53.30</u>		<u>15.8</u>	<u>7.22</u>	<u>760</u>	<u>1.73</u>	<u>6.00</u>	<u>151.9</u>	
	25	<u>1055</u>	<u>2GAL</u>	<u>53.30</u>		<u>16.0</u>	<u>7.22</u>	<u>760</u>	<u>1.72</u>	<u>5.46</u>	<u>151.6</u>	
	30	<u>1100</u>		<u>53.30</u>		<u>15.9</u>	<u>7.22</u>	<u>759</u>	<u>1.72</u>	<u>5.12</u>	<u>149.5</u>	
	35	<u>1105</u>	<u>2.56A</u>	<u>53.30</u>								
	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
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
03R	UA	E009	Antimony, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.003	0.001
03R	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.001	0.001
03R	UA	E009	Barium, total	mg/L	12/09/15 - 04/07/25	33	0	CI around geomean	0.0615	0.212
03R	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.001	0.001
03R	UA	E009	Boron, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	0.347	0.163
03R	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/07/25	32	94	CB around T-S line	0.000647	0.00230
03R	UA	E009	Chloride, total	mg/L	12/09/15 - 04/07/25	37	0	CI around geomean	71.6	435
03R	UA	E009	Chromium, total	mg/L	12/09/15 - 04/07/25	31	94	CB around T-S line	0.0015	0.00100
03R	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/07/25	32	97	CI around median	0.001	0.0380
03R	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/07/25	34	3	CI around median	0.27	0.120
03R	UA	E009	Lead, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.0005	0.00150
03R	UA	E009	Lithium, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0171	0.0190
03R	UA	E009	Mercury, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.0002	0.0002
03R	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0609	0.00170
03R	UA	E009	pH (field)	SU	12/09/15 - 04/07/25	40	0	CB around T-S line	7.1/7.2	6.6/7.5
03R	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/07/25	31	0	CI around median	0.319	1.50
03R	UA	E009	Selenium, total	mg/L	12/09/15 - 04/07/25	33	6	CI around mean	0.00474	0.00140
03R	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	69.9	215
03R	UA	E009	Thallium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.002	0.001
03R	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/07/25	37	0	CI around mean	511	1,620
18S	UA	E009	Antimony, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.003	0.001
18S	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/07/25	31	97	CI around median	0.001	0.001
18S	UA	E009	Barium, total	mg/L	12/09/15 - 04/07/25	33	0	CB around linear reg	0.0496	0.212
18S	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.001	0.001
18S	UA	E009	Boron, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	0.862	0.163
18S	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/07/25	32	91	CB around T-S line	0.000577	0.00230
18S	UA	E009	Chloride, total	mg/L	12/09/15 - 04/07/25	37	0	CI around mean	65.9	435

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
18S	UA	E009	Chromium, total	mg/L	12/09/15 - 04/07/25	32	59	CB around T-S line	0.0015	0.00100
18S	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/07/25	32	94	CB around T-S line	0.001	0.0380
18S	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/07/25	34	3	CB around T-S line	0.172	0.120
18S	UA	E009	Lead, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.0005	0.00150
18S	UA	E009	Lithium, total	mg/L	12/09/15 - 04/07/25	36	0	CB around T-S line	0.0319	0.0190
18S	UA	E009	Mercury, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.0002	0.0002
18S	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0755	0.00170
18S	UA	E009	pH (field)	SU	12/09/15 - 04/07/25	40	0	CI around median	7.3/7.4	6.6/7.5
18S	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/07/25	31	0	CI around mean	0.352	1.50
18S	UA	E009	Selenium, total	mg/L	12/09/15 - 04/07/25	33	0	CB around T-S line	0.00182	0.00140
18S	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	85.4	215
18S	UA	E009	Thallium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.002	0.001
18S	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	478	1,620
18D	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.003	0.001
18D	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	31	100	All ND - Last	0.001	0.001
18D	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around T-S line	0.0606	0.212
18D	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.001	0.001
18D	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	1.08	0.163
18D	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.000737	0.00230
18D	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	75.6	435
18D	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	31	94	CB around T-S line	0.00176	0.00100
18D	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	-0.000476	0.0380
18D	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	34	3	CI around median	0.15	0.120
18D	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	31	94	CB around T-S line	0.000809	0.00150
18D	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	36	0	CB around linear reg	0.0223	0.0190
18D	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.0002	0.0002
18D	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	36	0	CI around median	0.0315	0.00170

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
18D	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	40	0	CI around median	7.1/7.2	6.6/7.5
18D	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	31	0	CI around mean	0.554	1.50
18D	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.001	0.00140
18D	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	86.9	215
18D	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.002	0.001
18D	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	37	0	CB around T-S line	469	1,620
45S	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.003	0.001
45S	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	31	94	CI around median	0.001	0.001
45S	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.0795	0.212
45S	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.001	0.001
45S	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	34	0	CB around linear reg	0.225	0.163
45S	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	32	38	CB around linear reg	0.000606	0.00230
45S	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	34	0	CI around mean	81.7	435
45S	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.00165	0.00100
45S	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	33	12	CI around geomean	0.00146	0.0380
45S	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	34	3	CB around T-S line	0.233	0.120
45S	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	31	77	CI around median	0.001	0.00150
45S	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.0111	0.0190
45S	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.0002	0.0002
45S	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.038	0.00170
45S	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	34	0	CI around mean	7.1/7.2	6.6/7.5
45S	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	31	0	CI around geomean	0.449	1.50
45S	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	32	100	All ND - Last	0.0025	0.00140
45S	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	34	0	CI around median	70	215
45S	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.002	0.001
45S	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	34	0	CI around mean	529	1,620

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Notes:

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

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the Ash Pond No. 2 and Ash Pond No. 4. 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