

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

October 14, 2025

Illinois Environmental Protection Agency
Bureau of Land – 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 3, 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 3, 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, and subsequently revised on September 4, 2025. 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 3, 2025
ASH PONDS NO. 2 AND NO. 4, HENNEPIN POWER PLANT, HENNEPIN, ILLINOIS**

October 14, 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 August 15, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 3, 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 3, 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, and subsequently revised and submitted to IEPA³, constituent concentrations observed at compliance monitoring wells in Quarter 3, 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 3, 2025
Table 2	Evaluation of Compliance - Quarter 3, 2025

FIGURES

Figure 1	Monitoring Well Location Map
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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.*

³ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025. *Addendum to the Groundwater Monitoring Plan Revision 1, Ash Pond No. 2 and Ash Pond No. 4. Hennepin Power Plant. Hennepin, Illinois. September 4, 2025.*

ATTACHMENTS

- Attachment A Groundwater Elevation Data - Quarter 3, 2025
- Attachment B Laboratory Reports and Field Data Sheets - Quarter 3, 2025
- Attachment C Comparison to Background - Quarter 3, 2025

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 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	E010	07/17/2025	Antimony, total	0.0013 U	mg/L
07	Background	E010	07/17/2025	Arsenic, total	0.00023 U	mg/L
07	Background	E010	07/17/2025	Barium, total	0.110 J+	mg/L
07	Background	E010	07/17/2025	Beryllium, total	0.00053 U	mg/L
07	Background	E010	07/17/2025	Boron, total	0.0670 J+	mg/L
07	Background	E010	07/17/2025	Cadmium, total	0.00017 U	mg/L
07	Background	E010	07/17/2025	Calcium, total	130 J+	mg/L
07	Background	E010	07/17/2025	Chloride, total	65.0	mg/L
07	Background	E010	07/17/2025	Chromium, total	0.0011 U	mg/L
07	Background	E010	07/17/2025	Cobalt, total	0.00450	mg/L
07	Background	E010	07/17/2025	Dissolved Oxygen	5.78	mg/L
07	Background	E010	07/17/2025	Fluoride, total	0.180 J+	mg/L
07	Background	E010	07/17/2025	Lead, total	0.00019 U	mg/L
07	Background	E010	07/17/2025	Lithium, total	0.00970 J+	mg/L
07	Background	E010	07/17/2025	Mercury, total	0.000076 U	mg/L
07	Background	E010	07/17/2025	Molybdenum, total	0.0025 U	mg/L
07	Background	E010	07/17/2025	Oxidation Reduction Potential	207	mV
07	Background	E010	07/17/2025	pH (field)	6.8	SU
07	Background	E010	07/17/2025	Radium 226 + Radium 228, total	1.28	pCi/L
07	Background	E010	07/17/2025	Selenium, total	0.00098 U	mg/L
07	Background	E010	07/17/2025	Specific Conductance @ 25C (field)	970	micromhos/cm
07	Background	E010	07/17/2025	Sulfate, total	64.0 J+	mg/L
07	Background	E010	07/17/2025	Temperature	12.1	degrees C
07	Background	E010	07/17/2025	Thallium, total	0.00057 U	mg/L
07	Background	E010	07/17/2025	Total Dissolved Solids	670 J+	mg/L
07	Background	E010	07/17/2025	Turbidity, field	4.32	NTU
08	Background	E010	07/17/2025	Antimony, total	0.0013 U	mg/L
08	Background	E010	07/17/2025	Arsenic, total	0.00023 U	mg/L
08	Background	E010	07/17/2025	Barium, total	0.110 J+	mg/L
08	Background	E010	07/17/2025	Beryllium, total	0.00053 U	mg/L
08	Background	E010	07/17/2025	Boron, total	0.110 J+	mg/L
08	Background	E010	07/17/2025	Cadmium, total	0.000560	mg/L
08	Background	E010	07/17/2025	Calcium, total	160 J+	mg/L
08	Background	E010	07/17/2025	Chloride, total	210	mg/L
08	Background	E010	07/17/2025	Chromium, total	0.0011 U	mg/L
08	Background	E010	07/17/2025	Cobalt, total	0.00340	mg/L
08	Background	E010	07/17/2025	Dissolved Oxygen	0.750	mg/L
08	Background	E010	07/17/2025	Fluoride, total	0.140 J+	mg/L
08	Background	E010	07/17/2025	Lead, total	0.00038 J	mg/L
08	Background	E010	07/17/2025	Lithium, total	0.0160 J+	mg/L
08	Background	E010	07/17/2025	Mercury, total	0.000076 U	mg/L
08	Background	E010	07/17/2025	Molybdenum, total	0.0025 U	mg/L
08	Background	E010	07/17/2025	Oxidation Reduction Potential	172	mV
08	Background	E010	07/17/2025	pH (field)	6.8	SU
08	Background	E010	07/17/2025	Radium 226 + Radium 228, total	0.497	pCi/L
08	Background	E010	07/17/2025	Selenium, total	0.00098 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 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	E010	07/17/2025	Specific Conductance @ 25C (field)	1,513	micromhos/cm
08	Background	E010	07/17/2025	Sulfate, total	99.0 J+	mg/L
08	Background	E010	07/17/2025	Temperature	14.2	degrees C
08	Background	E010	07/17/2025	Thallium, total	0.00057 U	mg/L
08	Background	E010	07/17/2025	Total Dissolved Solids	1,100 J+	mg/L
08	Background	E010	07/17/2025	Turbidity, field	6.72	NTU
08D	Background	E010	07/17/2025	Antimony, total	0.0013 U	mg/L
08D	Background	E010	07/17/2025	Arsenic, total	0.00023 U	mg/L
08D	Background	E010	07/17/2025	Barium, total	0.110 J+	mg/L
08D	Background	E010	07/17/2025	Beryllium, total	0.00053 U	mg/L
08D	Background	E010	07/17/2025	Boron, total	0.110 J+	mg/L
08D	Background	E010	07/17/2025	Cadmium, total	0.00026 J	mg/L
08D	Background	E010	07/17/2025	Calcium, total	190 J+	mg/L
08D	Background	E010	07/17/2025	Chloride, total	260	mg/L
08D	Background	E010	07/17/2025	Chromium, total	0.0011 U	mg/L
08D	Background	E010	07/17/2025	Cobalt, total	0.00260	mg/L
08D	Background	E010	07/17/2025	Dissolved Oxygen	1.20	mg/L
08D	Background	E010	07/17/2025	Fluoride, total	0.160 J+	mg/L
08D	Background	E010	07/17/2025	Lead, total	0.00034 J	mg/L
08D	Background	E010	07/17/2025	Lithium, total	0.0150 J+	mg/L
08D	Background	E010	07/17/2025	Mercury, total	0.00038 U	mg/L
08D	Background	E010	07/17/2025	Molybdenum, total	0.0025 U	mg/L
08D	Background	E010	07/17/2025	Oxidation Reduction Potential	168	mV
08D	Background	E010	07/17/2025	pH (field)	6.5	SU
08D	Background	E010	07/17/2025	Radium 226 + Radium 228, total	0.36	pCi/L
08D	Background	E010	07/17/2025	Selenium, total	0.00098 U	mg/L
08D	Background	E010	07/17/2025	Specific Conductance @ 25C (field)	1,777	micromhos/cm
08D	Background	E010	07/17/2025	Sulfate, total	170 J+	mg/L
08D	Background	E010	07/17/2025	Temperature	15.9	degrees C
08D	Background	E010	07/17/2025	Thallium, total	0.00057 U	mg/L
08D	Background	E010	07/17/2025	Total Dissolved Solids	1,100 J+	mg/L
08D	Background	E010	07/17/2025	Turbidity, field	5.07	NTU
03R	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
03R	Compliance	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L
03R	Compliance	E010	07/15/2025	Barium, total	0.0600 J+	mg/L
03R	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
03R	Compliance	E010	07/15/2025	Boron, total	0.480	mg/L
03R	Compliance	E010	07/15/2025	Cadmium, total	0.00017 U	mg/L
03R	Compliance	E010	07/15/2025	Calcium, total	91.0 J+	mg/L
03R	Compliance	E010	07/15/2025	Chloride, total	88.0	mg/L
03R	Compliance	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
03R	Compliance	E010	07/15/2025	Cobalt, total	0.0004 U	mg/L
03R	Compliance	E010	07/15/2025	Dissolved Oxygen	0.800	mg/L
03R	Compliance	E010	07/15/2025	Fluoride, total	0.370 J+	mg/L
03R	Compliance	E010	07/15/2025	Lead, total	0.00019 U	mg/L
03R	Compliance	E010	07/15/2025	Lithium, total	0.0180 J+	mg/L

TABLE 1.
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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	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
03R	Compliance	E010	07/15/2025	Molybdenum, total	0.0720	mg/L
03R	Compliance	E010	07/15/2025	Oxidation Reduction Potential	78.7	mV
03R	Compliance	E010	07/15/2025	pH (field)	7.5	SU
03R	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	0.649	pCi/L
03R	Compliance	E010	07/15/2025	Selenium, total	0.00620	mg/L
03R	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	846	micromhos/cm
03R	Compliance	E010	07/15/2025	Sulfate, total	86.0 J+	mg/L
03R	Compliance	E010	07/15/2025	Temperature	18.8	degrees C
03R	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
03R	Compliance	E010	07/15/2025	Total Dissolved Solids	540 J+	mg/L
03R	Compliance	E010	07/15/2025	Turbidity, field	3.35	NTU
18S	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
18S	Compliance	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L
18S	Compliance	E010	07/15/2025	Barium, total	0.0610 J+	mg/L
18S	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
18S	Compliance	E010	07/15/2025	Boron, total	2.30	mg/L
18S	Compliance	E010	07/15/2025	Cadmium, total	0.00017 U	mg/L
18S	Compliance	E010	07/15/2025	Calcium, total	97.0 J+	mg/L
18S	Compliance	E010	07/15/2025	Chloride, total	79.0	mg/L
18S	Compliance	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
18S	Compliance	E010	07/15/2025	Cobalt, total	0.0004 U	mg/L
18S	Compliance	E010	07/15/2025	Dissolved Oxygen	0.830	mg/L
18S	Compliance	E010	07/15/2025	Fluoride, total	0.250 J+	mg/L
18S	Compliance	E010	07/15/2025	Lead, total	0.00019 U	mg/L
18S	Compliance	E010	07/15/2025	Lithium, total	0.0520	mg/L
18S	Compliance	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
18S	Compliance	E010	07/15/2025	Molybdenum, total	0.140	mg/L
18S	Compliance	E010	07/15/2025	Oxidation Reduction Potential	99.1	mV
18S	Compliance	E010	07/15/2025	pH (field)	7.6	SU
18S	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	0.248	pCi/L
18S	Compliance	E010	07/15/2025	Selenium, total	0.0210	mg/L
18S	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	835	micromhos/cm
18S	Compliance	E010	07/15/2025	Sulfate, total	130 J+	mg/L
18S	Compliance	E010	07/15/2025	Temperature	18.2	degrees C
18S	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
18S	Compliance	E010	07/15/2025	Total Dissolved Solids	580 J+	mg/L
18S	Compliance	E010	07/15/2025	Turbidity, field	2.15	NTU
18D	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
18D	Compliance	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L
18D	Compliance	E010	07/15/2025	Barium, total	0.0660 J+	mg/L
18D	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
18D	Compliance	E010	07/15/2025	Boron, total	1.20	mg/L
18D	Compliance	E010	07/15/2025	Cadmium, total	0.00036 J	mg/L
18D	Compliance	E010	07/15/2025	Calcium, total	94.0 J+	mg/L
18D	Compliance	E010	07/15/2025	Chloride, total	80.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 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	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
18D	Compliance	E010	07/15/2025	Cobalt, total	0.00150	mg/L
18D	Compliance	E010	07/15/2025	Dissolved Oxygen	0.750	mg/L
18D	Compliance	E010	07/15/2025	Fluoride, total	0.220 J+	mg/L
18D	Compliance	E010	07/15/2025	Lead, total	0.00019 U	mg/L
18D	Compliance	E010	07/15/2025	Lithium, total	0.0240	mg/L
18D	Compliance	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
18D	Compliance	E010	07/15/2025	Molybdenum, total	0.0310	mg/L
18D	Compliance	E010	07/15/2025	Oxidation Reduction Potential	11.2	mV
18D	Compliance	E010	07/15/2025	pH (field)	7.4	SU
18D	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	0.616	pCi/L
18D	Compliance	E010	07/15/2025	Selenium, total	0.0016 J	mg/L
18D	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	851	micromhos/cm
18D	Compliance	E010	07/15/2025	Sulfate, total	97.0 J+	mg/L
18D	Compliance	E010	07/15/2025	Temperature	18.6	degrees C
18D	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
18D	Compliance	E010	07/15/2025	Total Dissolved Solids	530 J+	mg/L
18D	Compliance	E010	07/15/2025	Turbidity, field	7.20	NTU
45S	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
45S	Compliance	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L
45S	Compliance	E010	07/15/2025	Barium, total	0.0920 J+	mg/L
45S	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
45S	Compliance	E010	07/15/2025	Boron, total	0.320	mg/L
45S	Compliance	E010	07/15/2025	Cadmium, total	0.00160	mg/L
45S	Compliance	E010	07/15/2025	Calcium, total	110 J+	mg/L
45S	Compliance	E010	07/15/2025	Chloride, total	100	mg/L
45S	Compliance	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
45S	Compliance	E010	07/15/2025	Cobalt, total	0.00280	mg/L
45S	Compliance	E010	07/15/2025	Dissolved Oxygen	0.390	mg/L
45S	Compliance	E010	07/15/2025	Fluoride, total	0.320 J+	mg/L
45S	Compliance	E010	07/15/2025	Lead, total	0.00042 J	mg/L
45S	Compliance	E010	07/15/2025	Lithium, total	0.0150 J+	mg/L
45S	Compliance	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
45S	Compliance	E010	07/15/2025	Molybdenum, total	0.0420	mg/L
45S	Compliance	E010	07/15/2025	Oxidation Reduction Potential	93.3	mV
45S	Compliance	E010	07/15/2025	pH (field)	7.1	SU
45S	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	0.305	pCi/L
45S	Compliance	E010	07/15/2025	Selenium, total	0.00098 U	mg/L
45S	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	1,000	micromhos/cm
45S	Compliance	E010	07/15/2025	Sulfate, total	85.0 J+	mg/L
45S	Compliance	E010	07/15/2025	Temperature	18.6	degrees C
45S	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
45S	Compliance	E010	07/15/2025	Total Dissolved Solids	630 J+	mg/L
45S	Compliance	E010	07/15/2025	Turbidity, field	7.24	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Notes:

C = Celsius
cm = centimeter
Events:

E010 = Quarter 3, 2025 sampling event

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

Result Code (if applicable):

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

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

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

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.006	Standard	No Exceedance
03R	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.001	0.010	Standard	No Exceedance
03R	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CI around geomean	0.0615	2.0	Standard	No Exceedance
03R	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
03R	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	0.241	2	Standard	No Exceedance
03R	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.000625	0.005	Standard	No Exceedance
03R	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CI around geomean	71.9	435	Background	No Exceedance
03R	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.00177	0.1	Standard	No Exceedance
03R	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	33	97	CI around median	0.001	0.0380	Background	No Exceedance
03R	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CI around median	0.27	4.0	Standard	No Exceedance
03R	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
03R	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0166	0.04	Standard	No Exceedance
03R	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
03R	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0564	0.1	Standard	No Exceedance
03R	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around mean	7.2/7.3	6.5/9.0	Standard/Standard	No Exceedance
03R	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around median	0.319	5	Standard	No Exceedance
03R	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	34	6	CI around mean	0.00479	0.05	Standard	No Exceedance
03R	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	70	400	Standard	No Exceedance
03R	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.002	Standard	No Exceedance
03R	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	511	1,620	Background	No Exceedance
18S	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.006	Standard	No Exceedance
18S	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	97	CI around median	0.001	0.010	Standard	No Exceedance
18S	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0497	2.0	Standard	No Exceedance
18S	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
18S	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	1.07	2	Standard	No Exceedance
18S	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	91	CB around T-S line	0.000543	0.005	Standard	No Exceedance
18S	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	68.6	435	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	33	61	CB around T-S line	0.00154	0.1	Standard	No Exceedance
18S	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.001	0.0380	Background	No Exceedance
18S	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CB around T-S line	0.174	4.0	Standard	No Exceedance
18S	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
18S	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around T-S line	0.0293	0.04	Standard	No Exceedance
18S	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
18S	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0725	0.1	Standard	No Exceedance
18S	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around median	7.3/7.4	6.5/9.0	Standard/Standard	No Exceedance
18S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around mean	0.348	5	Standard	No Exceedance
18S	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around T-S line	0.00178	0.05	Standard	No Exceedance
18S	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	84.1	400	Standard	No Exceedance
18S	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.002	Standard	No Exceedance
18S	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	476	1,620	Background	No Exceedance
18D	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.006	Standard	No Exceedance
18D	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.001	0.010	Standard	No Exceedance
18D	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around T-S line	0.0607	2.0	Standard	No Exceedance
18D	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
18D	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	1.06	2	Standard	No Exceedance
18D	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.000694	0.005	Standard	No Exceedance
18D	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	75.8	435	Background	No Exceedance
18D	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.00178	0.1	Standard	No Exceedance
18D	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	-0.000586	0.0380	Background	No Exceedance
18D	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CI around median	0.15	4.0	Standard	No Exceedance
18D	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.000761	0.0075	Standard	No Exceedance
18D	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0222	0.04	Standard	No Exceedance
18D	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
18D	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CI around median	0.0315	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around median	7.2/7.2	6.5/9.0	Standard/Standard	No Exceedance
18D	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around mean	0.557	5	Standard	No Exceedance
18D	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.001	0.05	Standard	No Exceedance
18D	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	86.4	400	Standard	No Exceedance
18D	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.002	Standard	No Exceedance
18D	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	472	1,620	Background	No Exceedance
45S	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.006	Standard	No Exceedance
45S	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	94	CI around median	0.001	0.010	Standard	No Exceedance
45S	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0805	2.0	Standard	No Exceedance
45S	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
45S	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	35	0	CB around linear reg	0.225	2	Standard	No Exceedance
45S	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	36	CB around linear reg	0.000643	0.005	Standard	No Exceedance
45S	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	35	0	CI around mean	82.2	435	Background	No Exceedance
45S	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.00181	0.1	Standard	No Exceedance
45S	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	34	12	CI around geomean	0.00149	0.0380	Background	No Exceedance
45S	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CB around T-S line	0.233	4.0	Standard	No Exceedance
45S	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	78	CI around median	0.001	0.0075	Standard	No Exceedance
45S	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0112	0.04	Standard	No Exceedance
45S	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
45S	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0368	0.1	Standard	No Exceedance
45S	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	35	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
45S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around geomean	0.442	5	Standard	No Exceedance
45S	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	33	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
45S	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	35	0	CI around median	70	400	Standard	No Exceedance
45S	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.002	Standard	No Exceedance
45S	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	35	0	CI around mean	531	1,620	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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) 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:

E010 = Quarter 3, 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 linear reg = Confidence band around linear regression

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

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



- 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 REPORT
QUARTER 3, 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 3, 2025**

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 3, 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	07/14/2025	34.95	447.54
07	Background	07/14/2025	69.01	449.78
08	Background	07/14/2025	54.35	447.16
08D	Background	07/14/2025	54.84	446.93
18S	Compliance	07/14/2025	41.30	446.68
18D	Compliance	07/14/2025	41.46	446.58
45S	Compliance	07/14/2025	20.94	446.75

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 3, 2025**

ANALYTICAL REPORT

PREPARED FOR

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

Generated 08/11/25 11:45:26

JOB DESCRIPTION

HEN-25Q3
HEN_845_802-805

JOB NUMBER

500-271636-4

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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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
IN POWER PLANT, ASH PONDS NO. 2 AND NO. 4

Client: Vistra Energy Corp
Project: HEN-25Q3

Job ID: 500-271636-4

Job ID: 500-271636-4

Eurofins Chicago

Job Narrative 500-271636-4

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 7/16/2025 12:02 PM, 7/17/2025 12:04 PM, 7/17/2025 4:40 PM and 7/18/2025 1:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 14 coolers at receipt time were 0.7°C, 1.4°C, 1.8°C, 2.2°C, 2.5°C, 2.6°C, 2.8°C, 3.1°C, 3.3°C, 3.4°C, 3.7°C, 3.9°C, 4.0°C and 5.6°C.

Metals

Method 6020B - Total Recoverable: The method blank for preparation batch 500-826468 and analytical batch 500-827184 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 - Total Recoverable: The method blank for preparation batch 500-826195 and analytical batch 500-827184 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 7470A: Elevated reporting limits are provided for the following sample due to insufficient sample provided for preparation:08&D (500-271636-32).

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

General Chemistry

Method 300.0_28D: Due to the high concentration of Chloride and Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 500-827220 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 4500_F_C: The matrix spike (MS) recoveries for analytical batch 500-826750 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.

Field Service / Mobile Lab

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

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Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client Sample ID: 03R

Lab Sample ID: 500-271636-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.018		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.00038	J	0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.060		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	0.48	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Calcium	91		0.20	0.044	mg/L	1			6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1			6020B	Total Recoverable
Molybdenum	0.072		0.0050	0.0025	mg/L	1			6020B	Total Recoverable
Potassium	8.0		0.50	0.11	mg/L	1			6020B	Total Recoverable
Selenium	0.0062		0.0025	0.00098	mg/L	1			6020B	Total Recoverable
Sodium	55		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	88		1.0	0.42	mg/L	1			300.0	Total/NA
Sulfate	86		1.0	0.47	mg/L	1			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	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	0.37		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	35.60				ft	1			Field Sampling	Total/NA
Field pH	7.50				SU	1			Field Sampling	Total/NA
Field Temperature	18.8				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	78.7				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	0.80				mg/L	1			Field Sampling	Total/NA
Specific Conductance	846				umhos/cm	1			Field Sampling	Total/NA
Turbidity	3.35				NTU	1			Field Sampling	Total/NA

Client Sample ID: 18&D

Lab Sample ID: 500-271636-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.024		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.00033	J	0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.066		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	1.2	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Cadmium	0.00036	J	0.00050	0.00017	mg/L	1			6020B	Total Recoverable
Calcium	94		0.20	0.044	mg/L	1			6020B	Total Recoverable
Cobalt	0.0015		0.0010	0.00040	mg/L	1			6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1			6020B	Total Recoverable
Molybdenum	0.031		0.0050	0.0025	mg/L	1			6020B	Total Recoverable
Potassium	8.8		0.50	0.11	mg/L	1			6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client Sample ID: 18&D (Continued)

Lab Sample ID: 500-271636-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Selenium	0.0016	J	0.0025	0.00098	mg/L	1			6020B	Total Recoverable
Sodium	51		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	80		1.0	0.42	mg/L	1			300.0	Total/NA
Sulfate	97		1.0	0.47	mg/L	1			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	260		5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	530		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.22		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	41.40				ft	1			Field Sampling	Total/NA
Field pH	7.37				SU	1			Field Sampling	Total/NA
Field Temperature	18.6				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	11.2				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	0.75				mg/L	1			Field Sampling	Total/NA
Specific Conductance	851				umhos/cm	1			Field Sampling	Total/NA
Turbidity	7.20				NTU	1			Field Sampling	Total/NA

Client Sample ID: 18&D_FD

Lab Sample ID: 500-271636-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.024		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Arsenic	0.00035	J	0.0010	0.00023	mg/L	1			6020B	Total Recoverable
Barium	0.067		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	1.2	B	0.050	0.013	mg/L	1			6020B	Total Recoverable
Cadmium	0.00030	J	0.00050	0.00017	mg/L	1			6020B	Total Recoverable
Calcium	96		0.20	0.044	mg/L	1			6020B	Total Recoverable
Cobalt	0.0014		0.0010	0.00040	mg/L	1			6020B	Total Recoverable
Magnesium	30		0.20	0.049	mg/L	1			6020B	Total Recoverable
Molybdenum	0.031		0.0050	0.0025	mg/L	1			6020B	Total Recoverable
Potassium	8.9		0.50	0.11	mg/L	1			6020B	Total Recoverable
Selenium	0.0014	J	0.0025	0.00098	mg/L	1			6020B	Total Recoverable
Sodium	53		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	81		1.0	0.42	mg/L	1			300.0	Total/NA
Sulfate	98		1.0	0.47	mg/L	1			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	260		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	0.22		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	41.40				ft	1			Field Sampling	Total/NA
Field pH	7.37				SU	1			Field Sampling	Total/NA
Field Temperature	18.6				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	11.2				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	0.75				mg/L	1			Field Sampling	Total/NA
Specific Conductance	851				umhos/cm	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-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845_802-805
SDG: HEN_845_802-805

Client Sample ID: 18&D_FD (Continued)

Lab Sample ID: 500-271636-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Turbidity	7.20				NTU	1		Field Sampling	Total/NA

Client Sample ID: 18#S

Lab Sample ID: 500-271636-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.052		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00057	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.061		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.3	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	97		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	25		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.14		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	10		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.021		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	51		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	79		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	130		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	210		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	580		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.25		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	41.20				ft	1		Field Sampling	Total/NA
Field pH	7.60				SU	1		Field Sampling	Total/NA
Field Temperature	18.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	99.1				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.83				mg/L	1		Field Sampling	Total/NA
Specific Conductance	835				umhos/cm	1		Field Sampling	Total/NA
Turbidity	2.15				NTU	1		Field Sampling	Total/NA

Client Sample ID: 45#S

Lab Sample ID: 500-271636-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.015		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00026	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.092		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.32	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.0016		0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	110		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0028		0.0010	0.00040	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-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client Sample ID: 45#S (Continued)

Lab Sample ID: 500-271636-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.00042	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	36		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.042		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	6.9		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	87		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	100		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	85		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	330		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	630		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.32		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	20.95				ft	1		Field Sampling	Total/NA
Field pH	7.12				SU	1		Field Sampling	Total/NA
Field Temperature	18.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	93.3				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.39				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1000				umhos/cm	1		Field Sampling	Total/NA
Turbidity	7.24				NTU	1		Field Sampling	Total/NA

Client Sample ID: FB

Lab Sample ID: 500-271636-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0024	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00045	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.020		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.026	J	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	53		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	18		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	0.72		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	4.7		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	6.1		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	20		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	190		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	170		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

Client Sample ID: 07

Lab Sample ID: 500-271636-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0097		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

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client Sample ID: 07 (Continued)

Lab Sample ID: 500-271636-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Boron	0.067		0.050	0.013	mg/L	1			6020B	Total Recoverable
Calcium	130		0.20	0.044	mg/L	1			6020B	Total Recoverable
Cobalt	0.0045		0.0010	0.00040	mg/L	1			6020B	Total Recoverable
Magnesium	48		0.20	0.049	mg/L	1			6020B	Total Recoverable
Potassium	2.2		0.50	0.11	mg/L	1			6020B	Total Recoverable
Sodium	33		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	65		1.0	0.42	mg/L	1			300.0	Total/NA
Sulfate	64		1.0	0.47	mg/L	1			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	410		5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	670		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.18		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	68.99				ft	1			Field Sampling	Total/NA
Field pH	6.76				SU	1			Field Sampling	Total/NA
Field Temperature	12.1				Degrees C	1			Field Sampling	Total/NA
Oxidation Reduction Potential	206.8				millivolts	1			Field Sampling	Total/NA
Oxygen, Dissolved	5.78				mg/L	1			Field Sampling	Total/NA
Specific Conductance	970				umhos/cm	1			Field Sampling	Total/NA
Turbidity	4.32				NTU	1			Field Sampling	Total/NA

Client Sample ID: 08

Lab Sample ID: 500-271636-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.016		0.0050	0.0020	mg/L	1			200.7 Rev 4.4	Total Recoverable
Barium	0.11		0.0025	0.00073	mg/L	1			6020B	Total Recoverable
Boron	0.11		0.050	0.013	mg/L	1			6020B	Total Recoverable
Cadmium	0.00056		0.00050	0.00017	mg/L	1			6020B	Total Recoverable
Calcium	160		0.20	0.044	mg/L	1			6020B	Total Recoverable
Cobalt	0.0034		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	44		0.20	0.049	mg/L	1			6020B	Total Recoverable
Potassium	7.8		0.50	0.11	mg/L	1			6020B	Total Recoverable
Sodium	130		0.20	0.077	mg/L	1			6020B	Total Recoverable
Chloride	210		10	4.2	mg/L	10			300.0	Total/NA
Sulfate	99		10	4.7	mg/L	10			300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	490		5.0	3.7	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	1100		10	4.3	mg/L	1			SM 2540C	Total/NA
Fluoride	0.14		0.10	0.056	mg/L	1			SM 4500 F C	Total/NA
Depth to Water (ft from MP)	53.05				ft	1			Field Sampling	Total/NA
Field pH	6.75				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-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845_802-805
SDG: HEN_845_802-805

Client Sample ID: 08 (Continued)

Lab Sample ID: 500-271636-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field Temperature	14.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	172.5				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.75				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1513				umhos/cm	1		Field Sampling	Total/NA
Turbidity	6.72				NTU	1		Field Sampling	Total/NA

Client Sample ID: 08&D

Lab Sample ID: 500-271636-32

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	0.11	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Cadmium	0.00026	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	190		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0026		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00034	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	55		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	3.2		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	160		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	260		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	170		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	590		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1100		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.16		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	54.31				ft	1		Field Sampling	Total/NA
Field pH	6.48				SU	1		Field Sampling	Total/NA
Field Temperature	15.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	168.4				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.20				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1777				umhos/cm	1		Field Sampling	Total/NA
Turbidity	5.07				NTU	1		Field Sampling	Total/NA

Client Sample ID: SG02 (YSG_ILRIVER)

Lab Sample ID: 500-271636-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ground Water Elevation	441.5				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-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
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-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-271636-1	03R	Water	07/15/25 16:25	07/16/25 12:02
500-271636-4	18&D	Water	07/15/25 10:20	07/16/25 12:02
500-271636-5	18&D_FD	Water	07/15/25 10:25	07/16/25 12:02
500-271636-6	18#S	Water	07/15/25 09:05	07/16/25 12:02
500-271636-13	45#S	Water	07/15/25 11:20	07/16/25 12:02
500-271636-28	FB	Water	07/16/25 19:30	07/17/25 12:04
500-271636-30	07	Water	07/17/25 10:55	07/17/25 16:40
500-271636-31	08	Water	07/17/25 13:20	07/17/25 16:40
500-271636-32	08&D	Water	07/17/25 09:15	07/17/25 16:40
500-271636-48	SG02 (YSG_ILRIVER)	Water	07/14/25 00:00	07/16/25 12:02

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-1
HEN-845-802-805
SDG: HEN_845_802-805

Client Sample ID: 03R

Lab Sample ID: 500-271636-1

Date Collected: 07/15/25 16:25

Matrix: Water

Date Received: 07/16/25 12:02

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.018		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/17/25 08:19	07/23/25 15:52	1
Arsenic	0.00038	J	0.0010	0.00023	mg/L		07/17/25 08:19	07/23/25 15:52	1
Barium	0.060		0.0025	0.00073	mg/L		07/17/25 08:19	07/23/25 15:52	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/17/25 08:19	07/23/25 15:52	1
Boron	0.48	B	0.050	0.013	mg/L		07/17/25 08:19	07/23/25 15:52	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/17/25 08:19	07/23/25 15:52	1
Calcium	91		0.20	0.044	mg/L		07/17/25 08:19	07/23/25 15:52	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/17/25 08:19	07/23/25 15:52	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/17/25 08:19	07/23/25 15:52	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/17/25 08:19	07/23/25 15:52	1
Magnesium	29		0.20	0.049	mg/L		07/17/25 08:19	07/23/25 15:52	1
Molybdenum	0.072		0.0050	0.0025	mg/L		07/17/25 08:19	07/23/25 15:52	1
Potassium	8.0		0.50	0.11	mg/L		07/17/25 08:19	07/23/25 15:52	1
Selenium	0.0062		0.0025	0.00098	mg/L		07/17/25 08:19	07/23/25 15:52	1
Sodium	55		0.20	0.077	mg/L		07/17/25 08:19	07/23/25 15:52	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/17/25 08:19	07/23/25 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		07/31/25 09:25	07/31/25 15:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	88		1.0	0.42	mg/L			07/25/25 06:59	1
Sulfate (EPA 300.0)	86		1.0	0.47	mg/L			07/25/25 06:59	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	250		5.0	3.7	mg/L			07/17/25 16:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/17/25 16:06	1
Total Dissolved Solids (SM 2540C)	540		10	4.3	mg/L			07/21/25 07:23	1
Fluoride (SM 4500 F C)	0.37		0.10	0.056	mg/L			07/21/25 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)	35.60				ft			07/15/25 16:25	1
Field pH	7.50				SU			07/15/25 16:25	1
Field Temperature	18.8				Degrees C			07/15/25 16:25	1
Oxidation Reduction Potential	78.7				millivolts			07/15/25 16:25	1
Oxygen, Dissolved	0.80				mg/L			07/15/25 16:25	1
Specific Conductance	846				umhos/cm			07/15/25 16:25	1
Turbidity	3.35				NTU			07/15/25 16:25	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client Sample ID: 18&D

Lab Sample ID: 500-271636-4

Date Collected: 07/15/25 10:20

Matrix: Water

Date Received: 07/16/25 12:02

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.024		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 14:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/17/25 08:19	07/23/25 16:29	1
Arsenic	0.00033	J	0.0010	0.00023	mg/L		07/17/25 08:19	07/23/25 16:29	1
Barium	0.066		0.0025	0.00073	mg/L		07/17/25 08:19	07/23/25 16:29	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/17/25 08:19	07/23/25 16:29	1
Boron	1.2	B	0.050	0.013	mg/L		07/17/25 08:19	07/24/25 14:07	1
Cadmium	0.00036	J	0.00050	0.00017	mg/L		07/17/25 08:19	07/23/25 16:29	1
Calcium	94		0.20	0.044	mg/L		07/17/25 08:19	07/23/25 16:29	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/17/25 08:19	07/23/25 16:29	1
Cobalt	0.0015		0.0010	0.00040	mg/L		07/17/25 08:19	07/23/25 16:29	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/17/25 08:19	07/23/25 16:29	1
Magnesium	29		0.20	0.049	mg/L		07/17/25 08:19	07/23/25 16:29	1
Molybdenum	0.031		0.0050	0.0025	mg/L		07/17/25 08:19	07/23/25 16:29	1
Potassium	8.8		0.50	0.11	mg/L		07/17/25 08:19	07/23/25 16:29	1
Selenium	0.0016	J	0.0025	0.00098	mg/L		07/17/25 08:19	07/23/25 16:29	1
Sodium	51		0.20	0.077	mg/L		07/17/25 08:19	07/23/25 16:29	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/17/25 08:19	07/23/25 16:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 15:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	80		1.0	0.42	mg/L			07/25/25 09:47	1
Sulfate (EPA 300.0)	97		1.0	0.47	mg/L			07/25/25 09:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	260		5.0	3.7	mg/L			07/17/25 16:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/17/25 16:43	1
Total Dissolved Solids (SM 2540C)	530		10	4.3	mg/L			07/21/25 07:36	1
Fluoride (SM 4500 F C)	0.22		0.10	0.056	mg/L			07/21/25 15:02	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	41.40				ft			07/15/25 10:20	1
Field pH	7.37				SU			07/15/25 10:20	1
Field Temperature	18.6				Degrees C			07/15/25 10:20	1
Oxidation Reduction Potential	11.2				millivolts			07/15/25 10:20	1
Oxygen, Dissolved	0.75				mg/L			07/15/25 10:20	1
Specific Conductance	851				umhos/cm			07/15/25 10:20	1
Turbidity	7.20				NTU			07/15/25 10:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client Sample ID: 18&D_FD

Lab Sample ID: 500-271636-5

Date Collected: 07/15/25 10:25

Matrix: Water

Date Received: 07/16/25 12:02

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.024		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/17/25 08:19	07/23/25 16:31	1
Arsenic	0.00035	J	0.0010	0.00023	mg/L		07/17/25 08:19	07/23/25 16:31	1
Barium	0.067		0.0025	0.00073	mg/L		07/17/25 08:19	07/23/25 16:31	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/17/25 08:19	07/23/25 16:31	1
Boron	1.2	B	0.050	0.013	mg/L		07/17/25 08:19	07/24/25 14:09	1
Cadmium	0.00030	J	0.00050	0.00017	mg/L		07/17/25 08:19	07/23/25 16:31	1
Calcium	96		0.20	0.044	mg/L		07/17/25 08:19	07/23/25 16:31	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/17/25 08:19	07/23/25 16:31	1
Cobalt	0.0014		0.0010	0.00040	mg/L		07/17/25 08:19	07/23/25 16:31	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/17/25 08:19	07/23/25 16:31	1
Magnesium	30		0.20	0.049	mg/L		07/17/25 08:19	07/23/25 16:31	1
Molybdenum	0.031		0.0050	0.0025	mg/L		07/17/25 08:19	07/23/25 16:31	1
Potassium	8.9		0.50	0.11	mg/L		07/17/25 08:19	07/23/25 16:31	1
Selenium	0.0014	J	0.0025	0.00098	mg/L		07/17/25 08:19	07/23/25 16:31	1
Sodium	53		0.20	0.077	mg/L		07/17/25 08:19	07/23/25 16:31	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/17/25 08:19	07/23/25 16:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	81		1.0	0.42	mg/L			07/25/25 10:02	1
Sulfate (EPA 300.0)	98		1.0	0.47	mg/L			07/25/25 10:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	260		5.0	3.7	mg/L			07/17/25 16:52	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/17/25 16:52	1
Total Dissolved Solids (SM 2540C)	540		10	4.3	mg/L			07/21/25 07:41	1
Fluoride (SM 4500 F C)	0.22		0.10	0.056	mg/L			07/21/25 15:05	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	41.40				ft			07/15/25 10:25	1
Field pH	7.37				SU			07/15/25 10:25	1
Field Temperature	18.6				Degrees C			07/15/25 10:25	1
Oxidation Reduction Potential	11.2				millivolts			07/15/25 10:25	1
Oxygen, Dissolved	0.75				mg/L			07/15/25 10:25	1
Specific Conductance	851				umhos/cm			07/15/25 10:25	1
Turbidity	7.20				NTU			07/15/25 10:25	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client Sample ID: 18#S

Lab Sample ID: 500-271636-6

Date Collected: 07/15/25 09:05

Matrix: Water

Date Received: 07/16/25 12:02

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.052		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 15:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/17/25 08:19	07/23/25 16:34	1
Arsenic	0.00057	J	0.0010	0.00023	mg/L		07/17/25 08:19	07/23/25 16:34	1
Barium	0.061		0.0025	0.00073	mg/L		07/17/25 08:19	07/23/25 16:34	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/17/25 08:19	07/23/25 16:34	1
Boron	2.3	B	0.050	0.013	mg/L		07/17/25 08:19	07/24/25 14:21	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/17/25 08:19	07/23/25 16:34	1
Calcium	97		0.20	0.044	mg/L		07/17/25 08:19	07/23/25 16:34	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/17/25 08:19	07/23/25 16:34	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/17/25 08:19	07/23/25 16:34	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/17/25 08:19	07/23/25 16:34	1
Magnesium	25		0.20	0.049	mg/L		07/17/25 08:19	07/23/25 16:34	1
Molybdenum	0.14		0.0050	0.0025	mg/L		07/17/25 08:19	07/23/25 16:34	1
Potassium	10		0.50	0.11	mg/L		07/17/25 08:19	07/23/25 16:34	1
Selenium	0.021		0.0025	0.00098	mg/L		07/17/25 08:19	07/23/25 16:34	1
Sodium	51		0.20	0.077	mg/L		07/17/25 08:19	07/23/25 16:34	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/17/25 08:19	07/23/25 16:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	79		1.0	0.42	mg/L			07/25/25 10:18	1
Sulfate (EPA 300.0)	130		1.0	0.47	mg/L			07/25/25 10:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	210		5.0	3.7	mg/L			07/17/25 17:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/17/25 17:02	1
Total Dissolved Solids (SM 2540C)	580		10	4.3	mg/L			07/21/25 07:43	1
Fluoride (SM 4500 F C)	0.25		0.10	0.056	mg/L			07/21/25 15:10	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	41.20				ft			07/15/25 09:05	1
Field pH	7.60				SU			07/15/25 09:05	1
Field Temperature	18.2				Degrees C			07/15/25 09:05	1
Oxidation Reduction Potential	99.1				millivolts			07/15/25 09:05	1
Oxygen, Dissolved	0.83				mg/L			07/15/25 09:05	1
Specific Conductance	835				umhos/cm			07/15/25 09:05	1
Turbidity	2.15				NTU			07/15/25 09:05	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client Sample ID: 45#S

Lab Sample ID: 500-271636-13

Date Collected: 07/15/25 11:20

Matrix: Water

Date Received: 07/16/25 12:02

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		07/22/25 08:00	07/23/25 16:25	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		07/17/25 08:19	07/23/25 17:33	1
Arsenic	0.00026	J	0.0010	0.00023	mg/L		07/17/25 08:19	07/23/25 17:33	1
Barium	0.092		0.0025	0.00073	mg/L		07/17/25 08:19	07/23/25 17:33	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/17/25 08:19	07/23/25 17:33	1
Boron	0.32	B	0.050	0.013	mg/L		07/17/25 08:19	07/24/25 15:06	1
Cadmium	0.0016		0.00050	0.00017	mg/L		07/17/25 08:19	07/23/25 17:33	1
Calcium	110		0.20	0.044	mg/L		07/17/25 08:19	07/23/25 17:33	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/17/25 08:19	07/23/25 17:33	1
Cobalt	0.0028		0.0010	0.00040	mg/L		07/17/25 08:19	07/23/25 17:33	1
Lead	0.00042	J	0.00050	0.00019	mg/L		07/17/25 08:19	07/23/25 17:33	1
Magnesium	36		0.20	0.049	mg/L		07/17/25 08:19	07/23/25 17:33	1
Molybdenum	0.042		0.0050	0.0025	mg/L		07/17/25 08:19	07/23/25 17:33	1
Potassium	6.9		0.50	0.11	mg/L		07/17/25 08:19	07/23/25 17:33	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/17/25 08:19	07/23/25 17:33	1
Sodium	87		0.20	0.077	mg/L		07/17/25 08:19	07/23/25 17:33	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/17/25 08:19	07/23/25 17:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	100		1.0	0.42	mg/L			07/25/25 12:35	1
Sulfate (EPA 300.0)	85		1.0	0.47	mg/L			07/25/25 12:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	330		5.0	3.7	mg/L			07/17/25 18:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/17/25 18:12	1
Total Dissolved Solids (SM 2540C)	630		10	4.3	mg/L			07/21/25 09:54	1
Fluoride (SM 4500 F C)	0.32		0.10	0.056	mg/L			07/21/25 16:29	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	20.95				ft			07/15/25 11:20	1
Field pH	7.12				SU			07/15/25 11:20	1
Field Temperature	18.6				Degrees C			07/15/25 11:20	1
Oxidation Reduction Potential	93.3				millivolts			07/15/25 11:20	1
Oxygen, Dissolved	0.39				mg/L			07/15/25 11:20	1
Specific Conductance	1000				umhos/cm			07/15/25 11:20	1
Turbidity	7.24				NTU			07/15/25 11:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845_802-805
SDG: HEN_845_802-805

Client Sample ID: FB

Lab Sample ID: 500-271636-28

Date Collected: 07/16/25 19:30

Matrix: Water

Date Received: 07/17/25 12:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0024	J	0.0050	0.0020	mg/L		07/23/25 08:20	07/23/25 19:25	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		07/18/25 08:10	07/24/25 16:17	1
Arsenic	0.00045	J	0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 16:17	1
Barium	0.020		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 16:17	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 16:17	1
Boron	0.026	J	0.050	0.013	mg/L		07/18/25 08:10	07/24/25 16:17	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 16:17	1
Calcium	53		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 16:17	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 16:17	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 16:17	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 16:17	1
Magnesium	18		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 16:17	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 16:17	1
Potassium	0.72		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 16:17	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 16:17	1
Sodium	4.7		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 16:17	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 16:17	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		07/30/25 10:30	07/30/25 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	6.1		1.0	0.42	mg/L			07/25/25 15:30	1
Sulfate (EPA 300.0)	20		1.0	0.47	mg/L			07/25/25 15:30	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	190		5.0	3.7	mg/L			07/20/25 15:21	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 15:21	1
Total Dissolved Solids (SM 2540C)	170		10	4.3	mg/L			07/23/25 07:22	1
Fluoride (SM 4500 F C)	0.11		0.10	0.056	mg/L			07/21/25 18:30	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845_802-805
SDG: HEN_845_802-805

Client Sample ID: 07

Lab Sample ID: 500-271636-30

Date Collected: 07/17/25 10:55

Matrix: Water

Date Received: 07/17/25 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0097		0.0050	0.0020	mg/L		07/23/25 08:20	07/23/25 19:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/18/25 08:10	07/24/25 16:22	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 16:22	1
Barium	0.11		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 16:22	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 16:22	1
Boron	0.067		0.050	0.013	mg/L		07/18/25 08:10	07/24/25 16:22	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 16:22	1
Calcium	130		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 16:22	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 16:22	1
Cobalt	0.0045		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 16:22	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 16:22	1
Magnesium	48		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 16:22	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 16:22	1
Potassium	2.2		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 16:22	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 16:22	1
Sodium	33		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 16:22	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 16:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/30/25 10:30	07/30/25 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	65		1.0	0.42	mg/L			07/25/25 17:10	1
Sulfate (EPA 300.0)	64		1.0	0.47	mg/L			07/25/25 17:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	410		5.0	3.7	mg/L			07/20/25 15:30	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 15:30	1
Total Dissolved Solids (SM 2540C)	670		10	4.3	mg/L			07/23/25 07:24	1
Fluoride (SM 4500 F C)	0.18		0.10	0.056	mg/L			07/21/25 18:41	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	68.99				ft			07/17/25 10:55	1
Field pH	6.76				SU			07/17/25 10:55	1
Field Temperature	12.1				Degrees C			07/17/25 10:55	1
Oxidation Reduction Potential	206.8				millivolts			07/17/25 10:55	1
Oxygen, Dissolved	5.78				mg/L			07/17/25 10:55	1
Specific Conductance	970				umhos/cm			07/17/25 10:55	1
Turbidity	4.32				NTU			07/17/25 10:55	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845_802-805
SDG: HEN_845_802-805

Client Sample ID: 08

Lab Sample ID: 500-271636-31

Date Collected: 07/17/25 13:20

Matrix: Water

Date Received: 07/17/25 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.016		0.0050	0.0020	mg/L		07/23/25 08:20	07/23/25 19:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/18/25 08:10	07/24/25 16:24	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 16:24	1
Barium	0.11		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 16:24	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 16:24	1
Boron	0.11		0.050	0.013	mg/L		07/18/25 08:10	07/24/25 16:24	1
Cadmium	0.00056		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 16:24	1
Calcium	160		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 16:24	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 16:24	1
Cobalt	0.0034		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 16:24	1
Lead	0.00038 J		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 16:24	1
Magnesium	44		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 16:24	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 16:24	1
Potassium	7.8		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 16:24	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 16:24	1
Sodium	130		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 16:24	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 16:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/30/25 10:30	07/30/25 16:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	210		10	4.2	mg/L			07/25/25 17:26	10
Sulfate (EPA 300.0)	99		10	4.7	mg/L			07/25/25 17:26	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	490		5.0	3.7	mg/L			07/20/25 15:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 15:40	1
Total Dissolved Solids (SM 2540C)	1100		10	4.3	mg/L			07/23/25 07:27	1
Fluoride (SM 4500 F C)	0.14		0.10	0.056	mg/L			07/21/25 18:55	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	53.05				ft			07/17/25 13:20	1
Field pH	6.75				SU			07/17/25 13:20	1
Field Temperature	14.2				Degrees C			07/17/25 13:20	1
Oxidation Reduction Potential	172.5				millivolts			07/17/25 13:20	1
Oxygen, Dissolved	0.75				mg/L			07/17/25 13:20	1
Specific Conductance	1513				umhos/cm			07/17/25 13:20	1
Turbidity	6.72				NTU			07/17/25 13:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845_802-805
SDG: HEN_845_802-805

Client Sample ID: 08&D

Lab Sample ID: 500-271636-32

Date Collected: 07/17/25 09:15

Matrix: Water

Date Received: 07/17/25 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.015		0.0050	0.0020	mg/L		07/23/25 08:20	07/23/25 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/18/25 14:59	07/23/25 15:16	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/18/25 14:59	07/23/25 15:16	1
Barium	0.11		0.0025	0.00073	mg/L		07/18/25 14:59	07/23/25 15:16	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 14:59	07/23/25 15:16	1
Boron	0.11	B	0.050	0.013	mg/L		07/18/25 14:59	07/23/25 15:16	1
Cadmium	0.00026	J	0.00050	0.00017	mg/L		07/18/25 14:59	07/23/25 15:16	1
Calcium	190		0.20	0.044	mg/L		07/18/25 14:59	07/23/25 15:16	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 14:59	07/23/25 15:16	1
Cobalt	0.0026		0.0010	0.00040	mg/L		07/18/25 14:59	07/23/25 15:16	1
Lead	0.00034	J	0.00050	0.00019	mg/L		07/18/25 14:59	07/23/25 15:16	1
Magnesium	55		0.20	0.049	mg/L		07/18/25 14:59	07/23/25 15:16	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		07/18/25 14:59	07/23/25 15:16	1
Potassium	3.2		0.50	0.11	mg/L		07/18/25 14:59	07/23/25 15:16	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/18/25 14:59	07/23/25 15:16	1
Sodium	160		0.20	0.077	mg/L		07/18/25 14:59	07/23/25 15:16	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 14:59	07/23/25 15:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0010		0.0010	0.00038	mg/L		07/30/25 10:30	07/30/25 16:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	260		10	4.2	mg/L			07/25/25 18:27	10
Sulfate (EPA 300.0)	170		10	4.7	mg/L			07/25/25 18:27	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	590		5.0	3.7	mg/L			07/20/25 15:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 15:50	1
Total Dissolved Solids (SM 2540C)	1100		10	4.3	mg/L			07/23/25 07:30	1
Fluoride (SM 4500 F C)	0.16		0.10	0.056	mg/L			07/21/25 19:06	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	54.31				ft			07/17/25 09:15	1
Field pH	6.48				SU			07/17/25 09:15	1
Field Temperature	15.9				Degrees C			07/17/25 09:15	1
Oxidation Reduction Potential	168.4				millivolts			07/17/25 09:15	1
Oxygen, Dissolved	1.20				mg/L			07/17/25 09:15	1
Specific Conductance	1777				umhos/cm			07/17/25 09:15	1
Turbidity	5.07				NTU			07/17/25 09:15	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
SDG: HEN_845_802-805

Client Sample ID: SG02 (YSG_ILRIVER)

Lab Sample ID: 500-271636-48

Date Collected: 07/14/25 00:00

Matrix: Water

Date Received: 07/16/25 12:02

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ground Water Elevation	441.5				ft			07/14/25 00:00	1

Definitions/Glossary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Qualifiers

Metals

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

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 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Metals

Prep Batch: 826195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total Recoverable	Water	3005A	
500-271636-4	18&D	Total Recoverable	Water	3005A	
500-271636-5	18&D_FD	Total Recoverable	Water	3005A	
500-271636-6	18#S	Total Recoverable	Water	3005A	
500-271636-13	45#S	Total Recoverable	Water	3005A	
MB 500-826195/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-826195/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 826370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-28	FB	Total Recoverable	Water	3005A	
500-271636-30	07	Total Recoverable	Water	3005A	
500-271636-31	08	Total Recoverable	Water	3005A	
MB 500-826370/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-826370/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 826468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-32	08&D	Total Recoverable	Water	3005A	
MB 500-826468/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-826468/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-271636-32 MS	08&D	Total Recoverable	Water	3005A	
500-271636-32 MSD	08&D	Total Recoverable	Water	3005A	
500-271636-32 DU	08&D	Total Recoverable	Water	3005A	

Prep Batch: 826767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total Recoverable	Water	200.7	
500-271636-4	18&D	Total Recoverable	Water	200.7	
500-271636-5	18&D_FD	Total Recoverable	Water	200.7	
500-271636-6	18#S	Total Recoverable	Water	200.7	
500-271636-13	45#S	Total Recoverable	Water	200.7	
MB 500-826767/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 500-826767/2-A	Lab Control Sample	Total Recoverable	Water	200.7	

Prep Batch: 826984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-28	FB	Total Recoverable	Water	200.7	
500-271636-30	07	Total Recoverable	Water	200.7	
500-271636-31	08	Total Recoverable	Water	200.7	
500-271636-32	08&D	Total Recoverable	Water	200.7	
MB 500-826984/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 500-826984/2-A	Lab Control Sample	Total Recoverable	Water	200.7	

Analysis Batch: 827184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total Recoverable	Water	6020B	826195
500-271636-4	18&D	Total Recoverable	Water	6020B	826195
500-271636-5	18&D_FD	Total Recoverable	Water	6020B	826195
500-271636-6	18#S	Total Recoverable	Water	6020B	826195
500-271636-13	45#S	Total Recoverable	Water	6020B	826195

Eurofins Chicago

QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Metals (Continued)

Analysis Batch: 827184 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-32	08&D	Total Recoverable	Water	6020B	826468
MB 500-826195/1-A	Method Blank	Total Recoverable	Water	6020B	826195
MB 500-826468/1-A	Method Blank	Total Recoverable	Water	6020B	826468
LCS 500-826195/2-A	Lab Control Sample	Total Recoverable	Water	6020B	826195
LCS 500-826468/2-A	Lab Control Sample	Total Recoverable	Water	6020B	826468
500-271636-32 MS	08&D	Total Recoverable	Water	6020B	826468
500-271636-32 MSD	08&D	Total Recoverable	Water	6020B	826468
500-271636-32 DU	08&D	Total Recoverable	Water	6020B	826468

Analysis Batch: 827211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total Recoverable	Water	200.7 Rev 4.4	826767
500-271636-4	18&D	Total Recoverable	Water	200.7 Rev 4.4	826767
500-271636-5	18&D_FD	Total Recoverable	Water	200.7 Rev 4.4	826767
500-271636-6	18#S	Total Recoverable	Water	200.7 Rev 4.4	826767
500-271636-13	45#S	Total Recoverable	Water	200.7 Rev 4.4	826767
MB 500-826767/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	826767
LCS 500-826767/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	826767

Analysis Batch: 827213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-28	FB	Total Recoverable	Water	200.7 Rev 4.4	826984
500-271636-30	07	Total Recoverable	Water	200.7 Rev 4.4	826984
500-271636-31	08	Total Recoverable	Water	200.7 Rev 4.4	826984
500-271636-32	08&D	Total Recoverable	Water	200.7 Rev 4.4	826984
MB 500-826984/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	826984
LCS 500-826984/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	826984

Analysis Batch: 827360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-4	18&D	Total Recoverable	Water	6020B	826195
500-271636-5	18&D_FD	Total Recoverable	Water	6020B	826195
500-271636-6	18#S	Total Recoverable	Water	6020B	826195
500-271636-13	45#S	Total Recoverable	Water	6020B	826195
500-271636-28	FB	Total Recoverable	Water	6020B	826370
500-271636-30	07	Total Recoverable	Water	6020B	826370
500-271636-31	08	Total Recoverable	Water	6020B	826370
MB 500-826370/1-A	Method Blank	Total Recoverable	Water	6020B	826370
LCS 500-826370/2-A	Lab Control Sample	Total Recoverable	Water	6020B	826370

Prep Batch: 827860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-28	FB	Total/NA	Water	7470A	
500-271636-30	07	Total/NA	Water	7470A	
500-271636-31	08	Total/NA	Water	7470A	
500-271636-32	08&D	Total/NA	Water	7470A	
MB 500-827860/1-A	Method Blank	Total/NA	Water	7470A	
LCS 500-827860/2-A	Lab Control Sample	Total/NA	Water	7470A	

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845_802-805
SDG: HEN_845_802-805

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Metals

Prep Batch: 828052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total/NA	Water	7470A	
500-271636-4	18&D	Total/NA	Water	7470A	
500-271636-5	18&D_FD	Total/NA	Water	7470A	
500-271636-6	18#S	Total/NA	Water	7470A	
MB 500-828052/1-A	Method Blank	Total/NA	Water	7470A	
LCS 500-828052/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 828054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-13	45#S	Total/NA	Water	7470A	
MB 500-828054/1-A	Method Blank	Total/NA	Water	7470A	
LCS 500-828054/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 828078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-28	FB	Total/NA	Water	7470A	827860
500-271636-30	07	Total/NA	Water	7470A	827860
500-271636-31	08	Total/NA	Water	7470A	827860
500-271636-32	08&D	Total/NA	Water	7470A	827860
MB 500-827860/1-A	Method Blank	Total/NA	Water	7470A	827860
LCS 500-827860/2-A	Lab Control Sample	Total/NA	Water	7470A	827860

Analysis Batch: 828239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total/NA	Water	7470A	828052
500-271636-4	18&D	Total/NA	Water	7470A	828052
500-271636-5	18&D_FD	Total/NA	Water	7470A	828052
500-271636-6	18#S	Total/NA	Water	7470A	828052
500-271636-13	45#S	Total/NA	Water	7470A	828054
MB 500-828052/1-A	Method Blank	Total/NA	Water	7470A	828052
MB 500-828054/1-A	Method Blank	Total/NA	Water	7470A	828054
LCS 500-828052/2-A	Lab Control Sample	Total/NA	Water	7470A	828052
LCS 500-828054/2-A	Lab Control Sample	Total/NA	Water	7470A	828054

General Chemistry

Analysis Batch: 826521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total/NA	Water	SM 2320B	
500-271636-4	18&D	Total/NA	Water	SM 2320B	
500-271636-5	18&D_FD	Total/NA	Water	SM 2320B	
500-271636-6	18#S	Total/NA	Water	SM 2320B	
500-271636-13	45#S	Total/NA	Water	SM 2320B	
MB 500-826521/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-826521/4	Lab Control Sample	Total/NA	Water	SM 2320B	
500-271636-1 DU	03R	Total/NA	Water	SM 2320B	

Analysis Batch: 826560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-28	FB	Total/NA	Water	SM 2320B	
500-271636-30	07	Total/NA	Water	SM 2320B	

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QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

General Chemistry (Continued)

Analysis Batch: 826560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-31	08	Total/NA	Water	SM 2320B	
500-271636-32	08&D	Total/NA	Water	SM 2320B	
MB 500-826560/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-826560/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 826633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total/NA	Water	SM 2540C	
500-271636-4	18&D	Total/NA	Water	SM 2540C	
500-271636-5	18&D_FD	Total/NA	Water	SM 2540C	
500-271636-6	18#S	Total/NA	Water	SM 2540C	
MB 500-826633/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-826633/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-271636-4 DU	18&D	Total/NA	Water	SM 2540C	

Analysis Batch: 826637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-13	45#S	Total/NA	Water	SM 2540C	
MB 500-826637/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-826637/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 826750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total/NA	Water	SM 4500 F C	
500-271636-4	18&D	Total/NA	Water	SM 4500 F C	
500-271636-5	18&D_FD	Total/NA	Water	SM 4500 F C	
500-271636-6	18#S	Total/NA	Water	SM 4500 F C	
500-271636-13	45#S	Total/NA	Water	SM 4500 F C	
500-271636-28	FB	Total/NA	Water	SM 4500 F C	
500-271636-30	07	Total/NA	Water	SM 4500 F C	
500-271636-31	08	Total/NA	Water	SM 4500 F C	
500-271636-32	08&D	Total/NA	Water	SM 4500 F C	
MB 500-826750/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-826750/31	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-826750/61	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-826750/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-826750/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-826750/62	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 826969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-28	FB	Total/NA	Water	SM 2540C	
500-271636-30	07	Total/NA	Water	SM 2540C	
500-271636-31	08	Total/NA	Water	SM 2540C	
500-271636-32	08&D	Total/NA	Water	SM 2540C	
MB 500-826969/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-826969/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 827220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total/NA	Water	300.0	

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QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

General Chemistry (Continued)

Analysis Batch: 827220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-4	18&D	Total/NA	Water	300.0	
500-271636-5	18&D_FD	Total/NA	Water	300.0	
500-271636-6	18#S	Total/NA	Water	300.0	
500-271636-13	45#S	Total/NA	Water	300.0	
MB 500-827220/3	Method Blank	Total/NA	Water	300.0	
LCS 500-827220/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 827332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-28	FB	Total/NA	Water	300.0	
MB 500-827332/3	Method Blank	Total/NA	Water	300.0	
LCS 500-827332/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 827338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-30	07	Total/NA	Water	300.0	
500-271636-31	08	Total/NA	Water	300.0	
500-271636-32	08&D	Total/NA	Water	300.0	
MB 500-827338/3	Method Blank	Total/NA	Water	300.0	
LCS 500-827338/4	Lab Control Sample	Total/NA	Water	300.0	

Field Service / Mobile Lab

Analysis Batch: 827084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-48	SG02 (YSG_ILRIVER)	Total/NA	Water	Field Sampling	

Analysis Batch: 827424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total/NA	Water	Field Sampling	
500-271636-4	18&D	Total/NA	Water	Field Sampling	
500-271636-5	18&D_FD	Total/NA	Water	Field Sampling	
500-271636-6	18#S	Total/NA	Water	Field Sampling	
500-271636-13	45#S	Total/NA	Water	Field Sampling	
500-271636-30	07	Total/NA	Water	Field Sampling	
500-271636-31	08	Total/NA	Water	Field Sampling	
500-271636-32	08&D	Total/NA	Water	Field Sampling	

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 500-826767/1-A
Matrix: Water
Analysis Batch: 827211

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 826767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 14:37	1

Lab Sample ID: LCS 500-826767/2-A
Matrix: Water
Analysis Batch: 827211

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 826767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.250	0.257		mg/L		103	85 - 115

Lab Sample ID: MB 500-826984/1-A
Matrix: Water
Analysis Batch: 827213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 826984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		07/23/25 08:20	07/23/25 18:05	1

Lab Sample ID: LCS 500-826984/2-A
Matrix: Water
Analysis Batch: 827213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 826984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.250	0.258		mg/L		103	85 - 115

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-826195/1-A
Matrix: Water
Analysis Batch: 827184

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 826195

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/17/25 08:19	07/23/25 15:47	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/17/25 08:19	07/23/25 15:47	1
Barium	<0.0025		0.0025	0.00073	mg/L		07/17/25 08:19	07/23/25 15:47	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/17/25 08:19	07/23/25 15:47	1
Boron	0.0152	J	0.050	0.013	mg/L		07/17/25 08:19	07/23/25 15:47	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/17/25 08:19	07/23/25 15:47	1
Calcium	<0.20		0.20	0.044	mg/L		07/17/25 08:19	07/23/25 15:47	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/17/25 08:19	07/23/25 15:47	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/17/25 08:19	07/23/25 15:47	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/17/25 08:19	07/23/25 15:47	1
Magnesium	<0.20		0.20	0.049	mg/L		07/17/25 08:19	07/23/25 15:47	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		07/17/25 08:19	07/23/25 15:47	1
Potassium	<0.50		0.50	0.11	mg/L		07/17/25 08:19	07/23/25 15:47	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/17/25 08:19	07/23/25 15:47	1
Sodium	<0.20		0.20	0.077	mg/L		07/17/25 08:19	07/23/25 15:47	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/17/25 08:19	07/23/25 15:47	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

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

Lab Sample ID: LCS 500-826195/2-A
Matrix: Water
Analysis Batch: 827184

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 826195

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.469		mg/L		94	80 - 120
Arsenic	0.100	0.0881		mg/L		88	80 - 120
Barium	0.500	0.452		mg/L		90	80 - 120
Beryllium	0.0500	0.0451		mg/L		90	80 - 120
Boron	1.00	0.900		mg/L		90	80 - 120
Cadmium	0.0500	0.0454		mg/L		91	80 - 120
Calcium	10.0	9.26		mg/L		93	80 - 120
Chromium	0.200	0.175		mg/L		87	80 - 120
Cobalt	0.500	0.489		mg/L		98	80 - 120
Lead	0.100	0.0891		mg/L		89	80 - 120
Magnesium	10.0	9.47		mg/L		95	80 - 120
Molybdenum	1.00	0.878		mg/L		88	80 - 120
Potassium	10.0	9.35		mg/L		93	80 - 120
Selenium	0.100	0.0882		mg/L		88	80 - 120
Sodium	10.0	9.38		mg/L		94	80 - 120
Thallium	0.100	0.0912		mg/L		91	80 - 120

Lab Sample ID: MB 500-826370/1-A
Matrix: Water
Analysis Batch: 827360

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 826370

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/18/25 08:10	07/24/25 16:34	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 16:34	1
Barium	<0.0025		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 16:34	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 16:34	1
Boron	<0.050		0.050	0.013	mg/L		07/18/25 08:10	07/24/25 16:34	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 16:34	1
Calcium	<0.20		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 16:34	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 16:34	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 16:34	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 16:34	1
Magnesium	<0.20		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 16:34	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 16:34	1
Potassium	<0.50		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 16:34	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 16:34	1
Sodium	<0.20		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 16:34	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 16:34	1

Lab Sample ID: LCS 500-826370/2-A
Matrix: Water
Analysis Batch: 827360

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 826370

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.528		mg/L		106	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Barium	0.500	0.522		mg/L		104	80 - 120
Beryllium	0.0500	0.0527		mg/L		105	80 - 120
Boron	1.00	1.04		mg/L		104	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: LCS 500-826370-500-271636-4
SDG: HEN_845_802-805

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

Lab Sample ID: LCS 500-826370/2-A

Matrix: Water

Analysis Batch: 827360

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 826370

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Cadmium	0.0500	0.0521		mg/L		104		80 - 120
Calcium	10.0	10.2		mg/L		102		80 - 120
Chromium	0.200	0.205		mg/L		102		80 - 120
Cobalt	0.500	0.547		mg/L		109		80 - 120
Lead	0.100	0.104		mg/L		104		80 - 120
Magnesium	10.0	10.8		mg/L		108		80 - 120
Molybdenum	1.00	1.01		mg/L		101		80 - 120
Potassium	10.0	10.9		mg/L		109		80 - 120
Selenium	0.100	0.0995		mg/L		99		80 - 120
Sodium	10.0	10.7		mg/L		107		80 - 120
Thallium	0.100	0.106		mg/L		106		80 - 120

Lab Sample ID: MB 500-826468/1-A

Matrix: Water

Analysis Batch: 827184

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 826468

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030	0.0013	mg/L		07/18/25 14:59	07/23/25 15:11	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/18/25 14:59	07/23/25 15:11	1
Barium	<0.0025		0.0025	0.00073	mg/L		07/18/25 14:59	07/23/25 15:11	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 14:59	07/23/25 15:11	1
Boron	0.0176	J	0.050	0.013	mg/L		07/18/25 14:59	07/23/25 15:11	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 14:59	07/23/25 15:11	1
Calcium	<0.20		0.20	0.044	mg/L		07/18/25 14:59	07/23/25 15:11	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 14:59	07/23/25 15:11	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/18/25 14:59	07/23/25 15:11	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 14:59	07/23/25 15:11	1
Magnesium	<0.20		0.20	0.049	mg/L		07/18/25 14:59	07/23/25 15:11	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		07/18/25 14:59	07/23/25 15:11	1
Potassium	<0.50		0.50	0.11	mg/L		07/18/25 14:59	07/23/25 15:11	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/18/25 14:59	07/23/25 15:11	1
Sodium	<0.20		0.20	0.077	mg/L		07/18/25 14:59	07/23/25 15:11	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 14:59	07/23/25 15:11	1

Lab Sample ID: LCS 500-826468/2-A

Matrix: Water

Analysis Batch: 827184

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 826468

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Antimony	0.500	0.519		mg/L		104		80 - 120
Arsenic	0.100	0.0983		mg/L		98		80 - 120
Barium	0.500	0.505		mg/L		101		80 - 120
Beryllium	0.0500	0.0496		mg/L		99		80 - 120
Boron	1.00	0.993		mg/L		99		80 - 120
Cadmium	0.0500	0.0501		mg/L		100		80 - 120
Calcium	10.0	10.2		mg/L		102		80 - 120
Chromium	0.200	0.195		mg/L		97		80 - 120
Cobalt	0.500	0.539		mg/L		108		80 - 120
Lead	0.100	0.101		mg/L		101		80 - 120

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QC Sample Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

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

Lab Sample ID: LCS 500-826468/2-A

Matrix: Water

Analysis Batch: 827184

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 826468

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Magnesium	10.0	10.4		mg/L		104	80 - 120	
Molybdenum	1.00	0.978		mg/L		98	80 - 120	
Potassium	10.0	10.4		mg/L		104	80 - 120	
Selenium	0.100	0.0967		mg/L		97	80 - 120	
Sodium	10.0	10.3		mg/L		103	80 - 120	
Thallium	0.100	0.102		mg/L		102	80 - 120	

Lab Sample ID: 500-271636-32 MS

Matrix: Water

Analysis Batch: 827184

Client Sample ID: 08&D

Prep Type: Total Recoverable

Prep Batch: 826468

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Antimony	<0.0030		0.500	0.537		mg/L		107	75 - 125	
Arsenic	<0.0010		0.100	0.102		mg/L		102	75 - 125	
Barium	0.11		0.500	0.607		mg/L		100	75 - 125	
Beryllium	<0.0010		0.0500	0.0507		mg/L		101	75 - 125	
Boron	0.11	B	1.00	1.08		mg/L		97	75 - 125	
Cadmium	0.00026	J	0.0500	0.0502		mg/L		100	75 - 125	
Calcium	190		10.0	199	4	mg/L		106	75 - 125	
Chromium	<0.0050		0.200	0.192		mg/L		96	75 - 125	
Cobalt	0.0026		0.500	0.522		mg/L		104	75 - 125	
Lead	0.00034	J	0.100	0.103		mg/L		103	75 - 125	
Magnesium	55		10.0	65.2	4	mg/L		105	75 - 125	
Molybdenum	<0.0050		1.00	1.02		mg/L		102	75 - 125	
Potassium	3.2		10.0	13.6		mg/L		104	75 - 125	
Selenium	<0.0025		0.100	0.100		mg/L		100	75 - 125	
Sodium	160		10.0	170	4	mg/L		124	75 - 125	
Thallium	<0.0020		0.100	0.105		mg/L		105	75 - 125	

Lab Sample ID: 500-271636-32 MSD

Matrix: Water

Analysis Batch: 827184

Client Sample ID: 08&D

Prep Type: Total Recoverable

Prep Batch: 826468

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Antimony	<0.0030		0.500	0.544		mg/L		109	75 - 125		1	20
Arsenic	<0.0010		0.100	0.104		mg/L		104	75 - 125		2	20
Barium	0.11		0.500	0.610		mg/L		101	75 - 125		0	20
Beryllium	<0.0010		0.0500	0.0513		mg/L		103	75 - 125		1	20
Boron	0.11	B	1.00	1.11		mg/L		99	75 - 125		2	20
Cadmium	0.00026	J	0.0500	0.0513		mg/L		102	75 - 125		2	20
Calcium	190		10.0	200	4	mg/L		118	75 - 125		1	20
Chromium	<0.0050		0.200	0.193		mg/L		97	75 - 125		1	20
Cobalt	0.0026		0.500	0.523		mg/L		104	75 - 125		0	20
Lead	0.00034	J	0.100	0.104		mg/L		104	75 - 125		1	20
Magnesium	55		10.0	65.2	4	mg/L		105	75 - 125		0	20
Molybdenum	<0.0050		1.00	1.03		mg/L		103	75 - 125		1	20
Potassium	3.2		10.0	13.7		mg/L		105	75 - 125		0	20
Selenium	<0.0025		0.100	0.104		mg/L		104	75 - 125		3	20
Sodium	160		10.0	169	4	mg/L		118	75 - 125		0	20

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

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

Lab Sample ID: 500-271636-32 MSD

Matrix: Water

Analysis Batch: 827184

Client Sample ID: 08&D
Prep Type: Total Recoverable
Prep Batch: 826468

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium	<0.0020		0.100	0.105		mg/L		105	75 - 125	1	20

Lab Sample ID: 500-271636-32 DU

Matrix: Water

Analysis Batch: 827184

Client Sample ID: 08&D
Prep Type: Total Recoverable
Prep Batch: 826468

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	<0.0010		<0.0010		mg/L		NC	20
Barium	0.11		0.102		mg/L		3	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Boron	0.11	B	0.0993		mg/L		13	20
Cadmium	0.00026	J	0.000251	J	mg/L		3	20
Calcium	190		184		mg/L		3	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	0.0026		0.00260		mg/L		2	20
Lead	0.00034	J	0.000317	J	mg/L		8	20
Magnesium	55		54.0		mg/L		1	20
Molybdenum	<0.0050		<0.0050		mg/L		NC	20
Potassium	3.2		3.15		mg/L		2	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Sodium	160		155		mg/L		1	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-827860/1-A

Matrix: Water

Analysis Batch: 828078

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 827860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/30/25 10:30	07/30/25 15:47	1

Lab Sample ID: LCS 500-827860/2-A

Matrix: Water

Analysis Batch: 828078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 827860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00189		mg/L		95	80 - 120

Lab Sample ID: MB 500-828052/1-A

Matrix: Water

Analysis Batch: 828239

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 828052

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 14:33	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

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

Lab Sample ID: LCS 500-828052/2-A
Matrix: Water
Analysis Batch: 828239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 828052

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00188		mg/L		94	80 - 120

Lab Sample ID: MB 500-828054/1-A
Matrix: Water
Analysis Batch: 828239

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 828054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 15:32	1

Lab Sample ID: LCS 500-828054/2-A
Matrix: Water
Analysis Batch: 828239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 828054

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00190		mg/L		95	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-827220/3
Matrix: Water
Analysis Batch: 827220

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			07/25/25 06:28	1
Sulfate	<1.0		1.0	0.47	mg/L			07/25/25 06:28	1

Lab Sample ID: LCS 500-827220/4
Matrix: Water
Analysis Batch: 827220

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	102		mg/L		102	90 - 110
Sulfate	100	105		mg/L		105	90 - 110

Lab Sample ID: MB 500-827332/3
Matrix: Water
Analysis Batch: 827332

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			07/25/25 09:16	1
Sulfate	<1.0		1.0	0.47	mg/L			07/25/25 09:16	1

Lab Sample ID: LCS 500-827332/4
Matrix: Water
Analysis Batch: 827332

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	19.0		mg/L		95	90 - 110
Sulfate	20.0	20.1		mg/L		101	90 - 110

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-827338-805
SDG: HEN_845_802-805

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 500-827338/3

Matrix: Water

Analysis Batch: 827338

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			07/25/25 15:08	1
Sulfate	<1.0		1.0	0.47	mg/L			07/25/25 15:08	1

Lab Sample ID: LCS 500-827338/4

Matrix: Water

Analysis Batch: 827338

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	100		mg/L		100	90 - 110
Sulfate	100	102		mg/L		102	90 - 110

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 500-826521/3

Matrix: Water

Analysis Batch: 826521

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			07/17/25 15:44	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			07/17/25 15:44	1

Lab Sample ID: LCS 500-826521/4

Matrix: Water

Analysis Batch: 826521

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: 500-271636-1 DU

Matrix: Water

Analysis Batch: 826521

Client Sample ID: 03R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Bicarbonate Alkalinity as CaCO3	250		249		mg/L		1	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 500-826560/3

Matrix: Water

Analysis Batch: 826560

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			07/20/25 13:03	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			07/20/25 13:03	1

Lab Sample ID: LCS 500-826560/4

Matrix: Water

Analysis Batch: 826560

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	100	108		mg/L		108	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

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

Lab Sample ID: MB 500-826633/1
Matrix: Water
Analysis Batch: 826633

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			07/21/25 07:05	1

Lab Sample ID: LCS 500-826633/2
Matrix: Water
Analysis Batch: 826633

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: 500-271636-4 DU
Matrix: Water
Analysis Batch: 826633

Client Sample ID: 18&D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	530		540		mg/L		3	5

Lab Sample ID: MB 500-826637/1
Matrix: Water
Analysis Batch: 826637

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			07/21/25 09:31	1

Lab Sample ID: LCS 500-826637/2
Matrix: Water
Analysis Batch: 826637

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	240		mg/L		96	80 - 120

Lab Sample ID: MB 500-826969/1
Matrix: Water
Analysis Batch: 826969

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			07/23/25 06:41	1

Lab Sample ID: LCS 500-826969/2
Matrix: Water
Analysis Batch: 826969

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	238		mg/L		95	80 - 120

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845_802-805
SDG: HEN_845_802-805

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-826750/3
Matrix: Water
Analysis Batch: 826750

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10	0.056	mg/L			07/21/25 13:32	1

Lab Sample ID: MB 500-826750/31
Matrix: Water
Analysis Batch: 826750

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10	0.056	mg/L			07/21/25 15:45	1

Lab Sample ID: MB 500-826750/61
Matrix: Water
Analysis Batch: 826750

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10	0.056	mg/L			07/21/25 18:05	1

Lab Sample ID: LCS 500-826750/32
Matrix: Water
Analysis Batch: 826750

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	9.82		mg/L		98	90 - 119

Lab Sample ID: LCS 500-826750/4
Matrix: Water
Analysis Batch: 826750

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	9.65		mg/L		97	90 - 119

Lab Sample ID: LCS 500-826750/62
Matrix: Water
Analysis Batch: 826750

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	9.65		mg/L		97	90 - 119

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
SDG: HEN_845_802-805

Client Sample ID: 03R

Lab Sample ID: 500-271636-1

Date Collected: 07/15/25 16:25

Matrix: Water

Date Received: 07/16/25 12:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			826767	BDE	EET CHI	07/22/25 08:00 - 07/22/25 14:00 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	827211	SJ	EET CHI	07/23/25 14:46
Total Recoverable	Prep	3005A			826195	BDE	EET CHI	07/17/25 08:19 - 07/17/25 14:19 ¹
Total Recoverable	Analysis	6020B		1	827184	RN	EET CHI	07/23/25 15:52
Total/NA	Prep	7470A			828052	S1Z	EET CHI	07/31/25 09:25 - 07/31/25 11:25 ¹
Total/NA	Analysis	7470A		1	828239	S1Z	EET CHI	07/31/25 15:04
Total/NA	Analysis	300.0		1	827220	MM	EET CHI	07/25/25 06:59
Total/NA	Analysis	SM 2320B		1	826521	AC	EET CHI	07/17/25 16:06
Total/NA	Analysis	SM 2540C		1	826633	CLB	EET CHI	07/21/25 07:23
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 14:37
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/15/25 16:25

Client Sample ID: 18&D

Lab Sample ID: 500-271636-4

Date Collected: 07/15/25 10:20

Matrix: Water

Date Received: 07/16/25 12:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			826767	BDE	EET CHI	07/22/25 08:00 - 07/22/25 14:00 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	827211	SJ	EET CHI	07/23/25 14:51
Total Recoverable	Prep	3005A			826195	BDE	EET CHI	07/17/25 08:19 - 07/17/25 14:19 ¹
Total Recoverable	Analysis	6020B		1	827184	RN	EET CHI	07/23/25 16:29
Total Recoverable	Prep	3005A			826195	BDE	EET CHI	07/17/25 08:19 - 07/17/25 14:19 ¹
Total Recoverable	Analysis	6020B		1	827360	RN	EET CHI	07/24/25 14:07
Total/NA	Prep	7470A			828052	S1Z	EET CHI	07/31/25 09:25 - 07/31/25 11:25 ¹
Total/NA	Analysis	7470A		1	828239	S1Z	EET CHI	07/31/25 15:22
Total/NA	Analysis	300.0		1	827220	MM	EET CHI	07/25/25 09:47
Total/NA	Analysis	SM 2320B		1	826521	AC	EET CHI	07/17/25 16:43
Total/NA	Analysis	SM 2540C		1	826633	CLB	EET CHI	07/21/25 07:36
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 15:02
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/15/25 10:20

Client Sample ID: 18&D_FD

Lab Sample ID: 500-271636-5

Date Collected: 07/15/25 10:25

Matrix: Water

Date Received: 07/16/25 12:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			826767	BDE	EET CHI	07/22/25 08:00 - 07/22/25 14:00 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	827211	SJ	EET CHI	07/23/25 15:27
Total Recoverable	Prep	3005A			826195	BDE	EET CHI	07/17/25 08:19 - 07/17/25 14:19 ¹
Total Recoverable	Analysis	6020B		1	827184	RN	EET CHI	07/23/25 16:31
Total Recoverable	Prep	3005A			826195	BDE	EET CHI	07/17/25 08:19 - 07/17/25 14:19 ¹
Total Recoverable	Analysis	6020B		1	827360	RN	EET CHI	07/24/25 14:09
Total/NA	Prep	7470A			828052	S1Z	EET CHI	07/31/25 09:25 - 07/31/25 11:25 ¹
Total/NA	Analysis	7470A		1	828239	S1Z	EET CHI	07/31/25 15:24

Eurofins Chicago

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-5
HEN-845_802-805
SDG: HEN_845_802-805

Client Sample ID: 18&D_FD

Lab Sample ID: 500-271636-5

Date Collected: 07/15/25 10:25

Matrix: Water

Date Received: 07/16/25 12:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	827220	MM	EET CHI	07/25/25 10:02
Total/NA	Analysis	SM 2320B		1	826521	AC	EET CHI	07/17/25 16:52
Total/NA	Analysis	SM 2540C		1	826633	CLB	EET CHI	07/21/25 07:41
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 15:05
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/15/25 10:25

Client Sample ID: 18#S

Lab Sample ID: 500-271636-6

Date Collected: 07/15/25 09:05

Matrix: Water

Date Received: 07/16/25 12:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			826767	BDE	EET CHI	07/22/25 08:00 - 07/22/25 14:00 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	827211	SJ	EET CHI	07/23/25 15:31
Total Recoverable	Prep	3005A			826195	BDE	EET CHI	07/17/25 08:19 - 07/17/25 14:19 ¹
Total Recoverable	Analysis	6020B		1	827184	RN	EET CHI	07/23/25 16:34
Total Recoverable	Prep	3005A			826195	BDE	EET CHI	07/17/25 08:19 - 07/17/25 14:19 ¹
Total Recoverable	Analysis	6020B		1	827360	RN	EET CHI	07/24/25 14:21
Total/NA	Prep	7470A			828052	S1Z	EET CHI	07/31/25 09:25 - 07/31/25 11:25 ¹
Total/NA	Analysis	7470A		1	828239	S1Z	EET CHI	07/31/25 15:26
Total/NA	Analysis	300.0		1	827220	MM	EET CHI	07/25/25 10:18
Total/NA	Analysis	SM 2320B		1	826521	AC	EET CHI	07/17/25 17:02
Total/NA	Analysis	SM 2540C		1	826633	CLB	EET CHI	07/21/25 07:43
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 15:10
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/15/25 09:05

Client Sample ID: 45#S

Lab Sample ID: 500-271636-13

Date Collected: 07/15/25 11:20

Matrix: Water

Date Received: 07/16/25 12:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			826767	BDE	EET CHI	07/22/25 08:00 - 07/22/25 14:00 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	827211	SJ	EET CHI	07/23/25 16:25
Total Recoverable	Prep	3005A			826195	BDE	EET CHI	07/17/25 08:19 - 07/17/25 14:19 ¹
Total Recoverable	Analysis	6020B		1	827184	RN	EET CHI	07/23/25 17:33
Total Recoverable	Prep	3005A			826195	BDE	EET CHI	07/17/25 08:19 - 07/17/25 14:19 ¹
Total Recoverable	Analysis	6020B		1	827360	RN	EET CHI	07/24/25 15:06
Total/NA	Prep	7470A			828054	S1Z	EET CHI	07/31/25 09:25 - 07/31/25 11:25 ¹
Total/NA	Analysis	7470A		1	828239	S1Z	EET CHI	07/31/25 15:54
Total/NA	Analysis	300.0		1	827220	MM	EET CHI	07/25/25 12:35
Total/NA	Analysis	SM 2320B		1	826521	AC	EET CHI	07/17/25 18:12
Total/NA	Analysis	SM 2540C		1	826637	CLB	EET CHI	07/21/25 09:54
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 16:29
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/15/25 11:20

Eurofins Chicago

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845_802-805
SDG: HEN_845_802-805

Client Sample ID: FB

Lab Sample ID: 500-271636-28

Date Collected: 07/16/25 19:30

Matrix: Water

Date Received: 07/17/25 12:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			826984	BDE	EET CHI	07/23/25 08:20 - 07/23/25 14:20 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	827213	S1Z	EET CHI	07/23/25 19:25
Total Recoverable	Prep	3005A			826370	BDE	EET CHI	07/18/25 08:10 - 07/18/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	827360	RN	EET CHI	07/24/25 16:17
Total/NA	Prep	7470A			827860	S1Z	EET CHI	07/30/25 10:30 - 07/30/25 12:30 ¹
Total/NA	Analysis	7470A		1	828078	S1Z	EET CHI	07/30/25 16:28
Total/NA	Analysis	300.0		1	827332	MM	EET CHI	07/25/25 15:30
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 15:21
Total/NA	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 07:22
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 18:30

Client Sample ID: 07

Lab Sample ID: 500-271636-30

Date Collected: 07/17/25 10:55

Matrix: Water

Date Received: 07/17/25 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			826984	BDE	EET CHI	07/23/25 08:20 - 07/23/25 14:20 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	827213	S1Z	EET CHI	07/23/25 19:30
Total Recoverable	Prep	3005A			826370	BDE	EET CHI	07/18/25 08:10 - 07/18/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	827360	RN	EET CHI	07/24/25 16:22
Total/NA	Prep	7470A			827860	S1Z	EET CHI	07/30/25 10:30 - 07/30/25 12:30 ¹
Total/NA	Analysis	7470A		1	828078	S1Z	EET CHI	07/30/25 16:32
Total/NA	Analysis	300.0		1	827338	MM	EET CHI	07/25/25 17:10
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 15:30
Total/NA	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 07:24
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 18:41
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/17/25 10:55

Client Sample ID: 08

Lab Sample ID: 500-271636-31

Date Collected: 07/17/25 13:20

Matrix: Water

Date Received: 07/17/25 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			826984	BDE	EET CHI	07/23/25 08:20 - 07/23/25 14:20 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	827213	S1Z	EET CHI	07/23/25 19:34
Total Recoverable	Prep	3005A			826370	BDE	EET CHI	07/18/25 08:10 - 07/18/25 14:10 ¹
Total Recoverable	Analysis	6020B		1	827360	RN	EET CHI	07/24/25 16:24
Total/NA	Prep	7470A			827860	S1Z	EET CHI	07/30/25 10:30 - 07/30/25 12:30 ¹
Total/NA	Analysis	7470A		1	828078	S1Z	EET CHI	07/30/25 16:34
Total/NA	Analysis	300.0		10	827338	MM	EET CHI	07/25/25 17:26
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 15:40
Total/NA	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 07:27
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 18:55

Eurofins Chicago

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845_802-805
SDG: HEN_845_802-805

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Client Sample ID: 08

Date Collected: 07/17/25 13:20

Date Received: 07/17/25 16:40

Lab Sample ID: 500-271636-31

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/17/25 13:20

Client Sample ID: 08&D

Date Collected: 07/17/25 09:15

Date Received: 07/17/25 16:40

Lab Sample ID: 500-271636-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			826984	BDE	EET CHI	07/23/25 08:20 - 07/23/25 14:20 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	827213	S1Z	EET CHI	07/23/25 19:39
Total Recoverable	Prep	3005A			826468	MS	EET CHI	07/18/25 14:59 - 07/18/25 20:59 ¹
Total Recoverable	Analysis	6020B		1	827184	RN	EET CHI	07/23/25 15:16
Total/NA	Prep	7470A			827860	S1Z	EET CHI	07/30/25 10:30 - 07/30/25 12:30 ¹
Total/NA	Analysis	7470A		1	828078	S1Z	EET CHI	07/30/25 16:46
Total/NA	Analysis	300.0		10	827338	MM	EET CHI	07/25/25 18:27
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 15:50
Total/NA	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 07:30
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 19:06
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/17/25 09:15

Client Sample ID: SG02 (YSG_ILRIVER)

Date Collected: 07/14/25 00:00

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-48

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	827084	DN	EET CHI	07/14/25 00:00

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-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Lab ID: 500-271636-4
HEN-845-802-805
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	05-31-26

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	Ground Water Elevation
Field Sampling		Water	Oxidation Reduction Potential
Field Sampling		Water	Oxygen, Dissolved
Field Sampling		Water	Specific Conductance
Field Sampling		Water	Turbidity
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3

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

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1 of 3

$$\begin{matrix} 1 \\ 2 \\ 3 \end{matrix}$$

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SAMPLER NAME AND SIGNATURE		Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER. <i>George Atsally</i> <i>Thomas Casey</i>				
SIGNATURE OF SAMPLER. <i>[Signature]</i>	DATE Signed (MM/DD/YY) <i>7/16/75</i>			

$$2.7+2.5, 3.5+3.3, 2.4+2.2, 3.6+3.4, 3.9+3.7, 2.8+2.6$$

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SAMPLER NAME AND SIGNATURE		Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER. George Assal/ly				
SIGNATURE OF SAMPLER. 	DATE Signed (MM/DD/YY) 7/17/25			

4.2 → 4.0, 3.0 → 2.5, 2.0 → 1.5, 4.1 → 3.9

CHAIN-OF-CUSTODY / Analytical Request Document

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500-HEN-845-802-805

Section A Required Client Information.		Section B Required Project Information		Section C Invoice Information:		2 of 3	
Company: Vistra Corp-Hennepin		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
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		Site Location	
Requested Due Date/TAT: 10 day		Project Number: 50024191		Profile #:		STATE	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analysis Filtered (Y/N)																Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	21R									HEN-000																	
2	22			7/16/25	1515					HEN-000-RAD																	
3	22&D			7/16/25	1310					HEN-257-801																	
4	23			7/16/25	1230					HEN-257-802																	
5	27									HEN-257-803																	
6	32									HEN-257-804																	
7	34									HEN-811-801																	
8	35									HEN-845-802-805																	
9	40#S									HEN-845-803																	
10	45#S									HEN-845-804																	
11	46			7/16/25	1600					HEN-WPCP-East																	
12	47			7/16/25	1050					HEN-WPCP-West																	
13	47_FD			7/16/25	1055																						
14	48R																										
15	49			7/16/25	1135																						
16	50																										

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME				
HEN-25Q3 Rev 0		George Asally		7/17/25	0800	George Asally		7/17/25	1007				
		George Asally		7/17/25	1204	George Asally		7/17/25	1204				
SAMPLER NAME AND SIGNATURE										Received on Ice (Y/N)			
PRINT Name of SAMPLER. George Asally										Custody Sealed Cooler (Y/N)			
SIGNATURE of SAMPLER. George Asally										Samples Intact (Y/N)			
DATE Signed (MM/DD/YY) 07/17/25 dbn 071825													

CHAIN-OF-CUSTODY / Analytical Request Document

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500-271636

Section A Required Client Information		Section B Required Project Information.		Section C Invoice Information.		3 of 3	
Company: <u>Vistra Corp-Hennepin</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Brian Voelker</u>		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
Address: <u>13498 E 800th St</u>		Copy To: <u>Jason Stuckey & Michael Olle</u>		Company Name: <u>Vistra Corp</u>			
<u>Hennepin, IL 61327</u>				Address: <u>see Section A</u>			
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No. <u>michael.olle@vistracorp.com</u>		Quote Reference			
Phone: (217) 753-8911 Fax:		Project Name: <u>Jason.Stuckey@vistracorp.com</u>		Project Manager		Site Location	
Requested Due Date/TAT: <u>10 day</u>		Project Number: <u>50024191</u>		Profile #:		STATE: <u>IL</u>	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)															Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		HEN-000	HEN-000-RAD	HEN-257-801	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME			
HEN-25Q3 Rev 0		George Assalley		7/17/25	0800	George Assalley		7/17/25	1007			
		George Assalley		7/17/25	1204	George Assalley		7/17/25	1204			
SAMPLER NAME AND SIGNATURE										Received on Ice (Y/N)		
PRINT Name of SAMPLER. George Assalley dbn 071825										Custody Sealed Cooler (Y/N)		
SIGNATURE of SAMPLER. <i>George Assalley</i>										Samples Intact (Y/N)		
DATE Signed (MM/DD/YY) 7/17/25												

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500-271636 COC

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1.6 → 1.4, 5.8 → 5.6, 3.3 → 3.1

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3 of 3

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



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ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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: 500-271636-4
SDG Number: HEN_845_802-805

Login Number: 271636

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	3.3,2.2,3.4,3.7,2.6,2.5,4.0,2.8,1.8,3.9,1.4,5.6,3.1,0.7
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.	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.	False	Containers sent for resampling as needed.
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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 08/15/25 15:40:44

JOB DESCRIPTION

HEN-25Q3
HEN_000_RAD

JOB NUMBER

500-271636-2

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
08/15/25 15:40:44

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 3, 2025
IN POWER PLANT, ASH PONDS NO. 2 AND NO. 4

Client: Vistra Energy Corp
Project: HEN-25Q3

Job ID: 500-271636-2

Job ID: 500-271636-2

Eurofins Chicago

Job Narrative 500-271636-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 7/16/2025 12:02 PM, 7/17/2025 12:04 PM, 7/17/2025 4:40 PM and 7/18/2025 1:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 14 coolers at receipt time were 0.7°C, 1.4°C, 1.8°C, 2.2°C, 2.5°C, 2.6°C, 2.8°C, 3.1°C, 3.3°C, 3.4°C, 3.7°C, 3.9°C, 4.0°C and 5.6°C.

Receipt Exceptions

Received plastic 250mL preserved with Nitric Acid bottles for the Radium bottles for samples #16 & 17. 1 L volume required for each test. Radium analyses canceled. Replacement bottles sent to the field.

Gas Flow Proportional Counter

Method 904.0: Radium-228 batch 728327

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 160-728327/2-A)

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-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 03R	Lab Sample ID: 500-271636-1
☐ No Detections.	
Client Sample ID: 18&D	Lab Sample ID: 500-271636-4
☐ No Detections.	
Client Sample ID: 18&D_FD	Lab Sample ID: 500-271636-5
☐ No Detections.	
Client Sample ID: 18#S	Lab Sample ID: 500-271636-6
☐ No Detections.	
Client Sample ID: 21R	Lab Sample ID: 500-271636-7
☐ No Detections.	
Client Sample ID: 27	Lab Sample ID: 500-271636-8
☐ No Detections.	
Client Sample ID: 32	Lab Sample ID: 500-271636-9
☐ No Detections.	
Client Sample ID: 34	Lab Sample ID: 500-271636-10
☐ No Detections.	
Client Sample ID: 35	Lab Sample ID: 500-271636-11
☐ No Detections.	
Client Sample ID: 45#S	Lab Sample ID: 500-271636-13
☐ No Detections.	
Client Sample ID: 50	Lab Sample ID: 500-271636-14
☐ No Detections.	
Client Sample ID: 17	Lab Sample ID: 500-271636-18
☐ No Detections.	
Client Sample ID: 22	Lab Sample ID: 500-271636-19
☐ No Detections.	
Client Sample ID: 22&D	Lab Sample ID: 500-271636-20
☐ No Detections.	
Client Sample ID: 23	Lab Sample ID: 500-271636-21
☐ No Detections.	
Client Sample ID: 46	Lab Sample ID: 500-271636-22
☐ No Detections.	

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 47	Lab Sample ID: 500-271636-23
☐ No Detections.	
Client Sample ID: 47_FD	Lab Sample ID: 500-271636-24
☐ No Detections.	
Client Sample ID: 49	Lab Sample ID: 500-271636-25
☐ No Detections.	
Client Sample ID: 51	Lab Sample ID: 500-271636-26
☐ No Detections.	
Client Sample ID: 54	Lab Sample ID: 500-271636-27
☐ No Detections.	
Client Sample ID: FB	Lab Sample ID: 500-271636-28
☐ No Detections.	
Client Sample ID: 07	Lab Sample ID: 500-271636-30
☐ No Detections.	
Client Sample ID: 08	Lab Sample ID: 500-271636-31
☐ No Detections.	
Client Sample ID: 08&D	Lab Sample ID: 500-271636-32
☐ No Detections.	
Client Sample ID: 16	Lab Sample ID: 500-271636-35
☐ No Detections.	
Client Sample ID: 52	Lab Sample ID: 500-271636-37
☐ No Detections.	
Client Sample ID: 52_FD	Lab Sample ID: 500-271636-38
☐ No Detections.	
Client Sample ID: 12	Lab Sample ID: 500-271636-43
☐ No Detections.	
Client Sample ID: 13	Lab Sample ID: 500-271636-44
☐ No Detections.	

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-271636-2
HEN-25-002905
SDG: HEN_000_RAD

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND 3
Job ID: 500-271636-2
HEN-845-802-805
SDG: HEN_000_RAD

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-271636-1	03R	Water	07/15/25 16:25	07/16/25 12:02	Illinois
500-271636-4	18&D	Water	07/15/25 10:20	07/16/25 12:02	Illinois
500-271636-5	18&D_FD	Water	07/15/25 10:25	07/16/25 12:02	Illinois
500-271636-6	18#S	Water	07/15/25 09:05	07/16/25 12:02	Illinois
500-271636-7	21R	Water	07/15/25 15:15	07/16/25 12:02	Illinois
500-271636-8	27	Water	07/15/25 12:55	07/16/25 12:02	Illinois
500-271636-9	32	Water	07/15/25 11:50	07/16/25 12:02	Illinois
500-271636-10	34	Water	07/15/25 14:20	07/16/25 12:02	Illinois
500-271636-11	35	Water	07/15/25 15:55	07/16/25 12:02	Illinois
500-271636-13	45#S	Water	07/15/25 11:20	07/16/25 12:02	Illinois
500-271636-14	50	Water	07/16/25 09:25	07/16/25 12:02	Illinois
500-271636-18	17	Water	07/16/25 16:05	07/17/25 12:04	Illinois
500-271636-19	22	Water	07/16/25 15:15	07/17/25 12:04	Illinois
500-271636-20	22&D	Water	07/16/25 13:10	07/17/25 12:04	Illinois
500-271636-21	23	Water	07/16/25 12:30	07/17/25 12:04	Illinois
500-271636-22	46	Water	07/16/25 16:00	07/17/25 12:04	Illinois
500-271636-23	47	Water	07/16/25 10:50	07/17/25 12:04	Illinois
500-271636-24	47_FD	Water	07/16/25 10:55	07/17/25 12:04	Illinois
500-271636-25	49	Water	07/16/25 11:35	07/17/25 12:04	Illinois
500-271636-26	51	Water	07/16/25 10:45	07/17/25 12:04	Illinois
500-271636-27	54	Water	07/16/25 12:10	07/17/25 12:04	Illinois
500-271636-28	FB	Water	07/16/25 19:30	07/17/25 12:04	Illinois
500-271636-30	07	Water	07/17/25 10:55	07/17/25 16:40	Illinois
500-271636-31	08	Water	07/17/25 13:20	07/17/25 16:40	Illinois
500-271636-32	08&D	Water	07/17/25 09:15	07/17/25 16:40	Illinois
500-271636-35	16	Water	07/17/25 09:30	07/17/25 16:40	Illinois
500-271636-37	52	Water	07/17/25 10:35	07/17/25 16:40	Illinois
500-271636-38	52_FD	Water	07/17/25 10:40	07/17/25 16:40	Illinois
500-271636-43	12	Water	07/18/25 10:20	07/18/25 13:10	Illinois
500-271636-44	13	Water	07/18/25 10:15	07/18/25 13:10	Illinois

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 03R

Date Collected: 07/15/25 16:25

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0549	U	0.171	0.171	1.00	0.323	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.9		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.594		0.386	0.390	1.00	0.570	pCi/L	07/22/25 08:06	08/13/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.9		30 - 110					07/22/25 08:06	08/13/25 11:42	1
Y Carrier	72.1		30 - 110					07/22/25 08:06	08/13/25 11:42	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	0.649		0.422	0.426	5.00	0.570	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 18&D

Lab Sample ID: 500-271636-4

Date Collected: 07/15/25 10:20

Matrix: Water

Date Received: 07/16/25 12:02

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	0.208	U	0.192	0.193	1.00	0.291	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.2		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.407	U	0.362	0.364	1.00	0.570	pCi/L	07/22/25 08:06	08/13/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.2		30 - 110					07/22/25 08:06	08/13/25 11:43	1
Y Carrier	72.5		30 - 110					07/22/25 08:06	08/13/25 11:43	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	0.616		0.410	0.412	5.00	0.570	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 18&D_FD

Lab Sample ID: 500-271636-5

Date Collected: 07/15/25 10:25

Matrix: Water

Date Received: 07/16/25 12:02

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	0.415		0.231	0.234	1.00	0.283	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.211	U	0.351	0.352	1.00	0.599	pCi/L	07/22/25 08:06	08/13/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/22/25 08:06	08/13/25 11:43	1
Y Carrier	76.6		30 - 110					07/22/25 08:06	08/13/25 11:43	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	0.626		0.420	0.423	5.00	0.599	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 18#S

Date Collected: 07/15/25 09:05

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-6

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.121	U	0.164	0.164	1.00	0.275	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.2		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.127	U	0.311	0.311	1.00	0.550	pCi/L	07/22/25 08:06	08/13/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.2		30 - 110					07/22/25 08:06	08/13/25 11:43	1
Y Carrier	78.9		30 - 110					07/22/25 08:06	08/13/25 11:43	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	0.248	U	0.352	0.352	5.00	0.550	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 21R

Lab Sample ID: 500-271636-7

Date Collected: 07/15/25 15:15

Matrix: Water

Date Received: 07/16/25 12:02

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	0.659		0.331	0.337	1.00	0.423	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.379	U	0.351	0.353	1.00	0.559	pCi/L	07/22/25 08:06	08/13/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					07/22/25 08:06	08/13/25 11:43	1
Y Carrier	81.1		30 - 110					07/22/25 08:06	08/13/25 11:43	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	1.04		0.482	0.488	5.00	0.559	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 27

Lab Sample ID: 500-271636-8

Date Collected: 07/15/25 12:55

Matrix: Water

Date Received: 07/16/25 12:02

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	0.204	U	0.202	0.202	1.00	0.314	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.1		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.461	U	0.410	0.412	1.00	0.649	pCi/L	07/22/25 08:06	08/13/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.1		30 - 110					07/22/25 08:06	08/13/25 11:43	1
Y Carrier	74.8		30 - 110					07/22/25 08:06	08/13/25 11:43	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	0.666		0.457	0.459	5.00	0.649	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 32

Lab Sample ID: 500-271636-9

Date Collected: 07/15/25 11:50

Matrix: Water

Date Received: 07/16/25 12:02

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	0.289	U	0.256	0.258	1.00	0.392	pCi/L	07/22/25 08:01	08/13/25 19:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					07/22/25 08:01	08/13/25 19:00	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	0.467	U	0.392	0.395	1.00	0.616	pCi/L	07/22/25 08:06	08/13/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					07/22/25 08:06	08/13/25 11:43	1
Y Carrier	77.4		30 - 110					07/22/25 08:06	08/13/25 11:43	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	0.756		0.468	0.472	5.00	0.616	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 34

Lab Sample ID: 500-271636-10

Date Collected: 07/15/25 14:20

Matrix: Water

Date Received: 07/16/25 12:02

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	0.312	U	0.279	0.281	1.00	0.435	pCi/L	07/22/25 08:01	08/13/25 19:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.4		30 - 110					07/22/25 08:01	08/13/25 19:00	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	0.659	U	0.499	0.503	1.00	0.775	pCi/L	07/22/25 08:06	08/13/25 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.4		30 - 110					07/22/25 08:06	08/13/25 11:44	1
Y Carrier	74.0		30 - 110					07/22/25 08:06	08/13/25 11:44	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	0.971		0.572	0.576	5.00	0.775	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 35

Lab Sample ID: 500-271636-11

Date Collected: 07/15/25 15:55

Matrix: Water

Date Received: 07/16/25 12:02

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	0.104	U	0.235	0.235	1.00	0.420	pCi/L	07/22/25 08:01	08/13/25 19:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.9		30 - 110					07/22/25 08:01	08/13/25 19:00	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	0.390	0.391	1.00	0.661	pCi/L	07/22/25 08:06	08/13/25 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.9		30 - 110					07/22/25 08:06	08/13/25 11:44	1
Y Carrier	82.6		30 - 110					07/22/25 08:06	08/13/25 11:44	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	0.354	U	0.455	0.456	5.00	0.661	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 45#S

Date Collected: 07/15/25 11:20

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-13

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0963	U	0.209	0.209	1.00	0.372	pCi/L	07/22/25 08:01	08/13/25 18:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					07/22/25 08:01	08/13/25 18:58	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	0.208	U	0.407	0.407	1.00	0.701	pCi/L	07/22/25 08:06	08/13/25 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					07/22/25 08:06	08/13/25 11:44	1
Y Carrier	80.0		30 - 110					07/22/25 08:06	08/13/25 11:44	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	0.305	U	0.458	0.458	5.00	0.701	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 50

Lab Sample ID: 500-271636-14

Date Collected: 07/16/25 09:25

Matrix: Water

Date Received: 07/16/25 12:02

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	0.247	U	0.207	0.209	1.00	0.308	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.189	U	0.406	0.407	1.00	0.702	pCi/L	07/22/25 08:06	08/13/25 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					07/22/25 08:06	08/13/25 11:44	1
Y Carrier	83.4		30 - 110					07/22/25 08:06	08/13/25 11:44	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	0.436	U	0.456	0.458	5.00	0.702	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 17

Lab Sample ID: 500-271636-18

Date Collected: 07/16/25 16:05

Matrix: Water

Date Received: 07/17/25 12:04

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	0.0796	U	0.195	0.195	1.00	0.356	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0931	U	0.456	0.456	1.00	0.812	pCi/L	07/22/25 08:06	08/13/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					07/22/25 08:06	08/13/25 11:43	1
Y Carrier	80.0		30 - 110					07/22/25 08:06	08/13/25 11:43	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	0.173	U	0.496	0.496	5.00	0.812	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 22

Lab Sample ID: 500-271636-19

Date Collected: 07/16/25 15:15

Matrix: Water

Date Received: 07/17/25 12:04

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	0.183	0.183	1.00	0.306	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.211	U	0.386	0.387	1.00	0.754	pCi/L	07/22/25 08:06	08/13/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					07/22/25 08:06	08/13/25 11:45	1
Y Carrier	77.8		30 - 110					07/22/25 08:06	08/13/25 11:45	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.138	U	0.427	0.428	5.00	0.754	pCi/L		08/14/25 17:56	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 22&D

Lab Sample ID: 500-271636-20

Date Collected: 07/16/25 13:10

Matrix: Water

Date Received: 07/17/25 12:04

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	0.897		0.328	0.338	1.00	0.357	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.618	U	0.419	0.423	1.00	0.629	pCi/L	07/22/25 08:06	08/13/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/22/25 08:06	08/13/25 11:45	1
Y Carrier	77.4		30 - 110					07/22/25 08:06	08/13/25 11:45	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.52		0.532	0.541	5.00	0.629	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 23

Lab Sample ID: 500-271636-21

Date Collected: 07/16/25 12:30

Matrix: Water

Date Received: 07/17/25 12:04

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	0.120	U	0.214	0.214	1.00	0.375	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0741	U	0.364	0.364	1.00	0.707	pCi/L	07/22/25 08:06	08/13/25 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					07/22/25 08:06	08/13/25 11:44	1
Y Carrier	74.4		30 - 110					07/22/25 08:06	08/13/25 11:44	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	0.120	U	0.422	0.422	5.00	0.707	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 46

Lab Sample ID: 500-271636-22

Date Collected: 07/16/25 16:00

Matrix: Water

Date Received: 07/17/25 12:04

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	0.289	U	0.220	0.222	1.00	0.319	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.2		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.419	U	0.435	0.437	1.00	0.706	pCi/L	07/22/25 08:06	08/13/25 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.2		30 - 110					07/22/25 08:06	08/13/25 11:44	1
Y Carrier	75.1		30 - 110					07/22/25 08:06	08/13/25 11:44	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	0.708		0.487	0.490	5.00	0.706	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 47

Lab Sample ID: 500-271636-23

Date Collected: 07/16/25 10:50

Matrix: Water

Date Received: 07/17/25 12:04

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	0.133	U	0.247	0.247	1.00	0.432	pCi/L	07/22/25 08:01	08/13/25 18:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.1		30 - 110					07/22/25 08:01	08/13/25 18:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.507	U	0.413	0.415	1.00	0.640	pCi/L	07/22/25 08:06	08/13/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.1		30 - 110					07/22/25 08:06	08/13/25 11:45	1
Y Carrier	77.8		30 - 110					07/22/25 08:06	08/13/25 11:45	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.640		0.481	0.483	5.00	0.640	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 47_FD

Date Collected: 07/16/25 10:55

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-24

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0892	U	0.192	0.192	1.00	0.346	pCi/L	07/22/25 08:01	08/13/25 19:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					07/22/25 08:01	08/13/25 19:00	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	0.435	U	0.388	0.390	1.00	0.615	pCi/L	07/22/25 08:06	08/13/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					07/22/25 08:06	08/13/25 11:45	1
Y Carrier	81.5		30 - 110					07/22/25 08:06	08/13/25 11:45	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.524	U	0.433	0.435	5.00	0.615	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 49

Lab Sample ID: 500-271636-25

Date Collected: 07/16/25 11:35

Matrix: Water

Date Received: 07/17/25 12:04

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	-0.0111	U	0.148	0.148	1.00	0.315	pCi/L	07/23/25 08:02	08/14/25 17:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					07/23/25 08:02	08/14/25 17:05	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	0.495	U	0.373	0.376	1.00	0.575	pCi/L	07/23/25 08:08	08/14/25 12:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					07/23/25 08:08	08/14/25 12:14	1
Y Carrier	85.2		30 - 110					07/23/25 08:08	08/14/25 12:14	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	0.495	U	0.401	0.404	5.00	0.575	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 51

Lab Sample ID: 500-271636-26

Date Collected: 07/16/25 10:45

Matrix: Water

Date Received: 07/17/25 12:04

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	0.729		0.291	0.298	1.00	0.303	pCi/L	07/23/25 08:02	08/14/25 17:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					07/23/25 08:02	08/14/25 17:05	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	0.376	U	0.345	0.346	1.00	0.549	pCi/L	07/23/25 08:08	08/14/25 12:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					07/23/25 08:08	08/14/25 12:14	1
Y Carrier	87.5		30 - 110					07/23/25 08:08	08/14/25 12:14	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	1.10		0.451	0.457	5.00	0.549	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 54

Lab Sample ID: 500-271636-27

Date Collected: 07/16/25 12:10

Matrix: Water

Date Received: 07/17/25 12:04

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	0.0833	U	0.166	0.166	1.00	0.298	pCi/L	07/23/25 08:02	08/14/25 17:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.2		30 - 110					07/23/25 08:02	08/14/25 17:05	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	0.302	U	0.294	0.295	1.00	0.471	pCi/L	07/23/25 08:08	08/14/25 12:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.2		30 - 110					07/23/25 08:08	08/14/25 12:14	1
Y Carrier	92.7		30 - 110					07/23/25 08:08	08/14/25 12:14	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	0.386	U	0.338	0.338	5.00	0.471	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: FB

Lab Sample ID: 500-271636-28

Date Collected: 07/16/25 19:30

Matrix: Water

Date Received: 07/17/25 12:04

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	0.207	0.208	1.00	0.357	pCi/L	07/23/25 08:02	08/14/25 17:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					07/23/25 08:02	08/14/25 17:05	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	-0.180	U	0.213	0.214	1.00	0.455	pCi/L	07/23/25 08:08	08/14/25 12:14	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					07/23/25 08:08	08/14/25 12:14	1
Y Carrier	91.6		30 - 110					07/23/25 08:08	08/14/25 12:14	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	0.132	U	0.297	0.298	5.00	0.455	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 07

Lab Sample ID: 500-271636-30

Date Collected: 07/17/25 10:55

Matrix: Water

Date Received: 07/17/25 16:40

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	0.403		0.211	0.214	1.00	0.261	pCi/L	07/22/25 08:07	08/13/25 07:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					07/22/25 08:07	08/13/25 07:52	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	0.872		0.432	0.439	1.00	0.604	pCi/L	07/22/25 08:14	08/12/25 11:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					07/22/25 08:14	08/12/25 11:40	1
Y Carrier	75.5		30 - 110					07/22/25 08:14	08/12/25 11:40	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	1.28		0.481	0.488	5.00	0.604	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 08

Lab Sample ID: 500-271636-31

Date Collected: 07/17/25 13:20

Matrix: Water

Date Received: 07/17/25 16:40

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	0.281		0.174	0.176	1.00	0.222	pCi/L	07/22/25 08:07	08/13/25 09:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					07/22/25 08:07	08/13/25 09:39	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	0.216	U	0.305	0.306	1.00	0.514	pCi/L	07/22/25 08:14	08/12/25 11:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					07/22/25 08:14	08/12/25 11:40	1
Y Carrier	83.0		30 - 110					07/22/25 08:14	08/12/25 11:40	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	0.497	U	0.351	0.353	5.00	0.514	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 08&D

Lab Sample ID: 500-271636-32

Date Collected: 07/17/25 09:15

Matrix: Water

Date Received: 07/17/25 16:40

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	0.222	U	0.179	0.180	1.00	0.260	pCi/L	07/22/25 08:07	08/13/25 09:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					07/22/25 08:07	08/13/25 09:39	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	0.138	U	0.344	0.345	1.00	0.609	pCi/L	07/22/25 08:14	08/12/25 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					07/22/25 08:14	08/12/25 11:41	1
Y Carrier	72.5		30 - 110					07/22/25 08:14	08/12/25 11:41	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	0.360	U	0.388	0.389	5.00	0.609	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 16

Lab Sample ID: 500-271636-35

Date Collected: 07/17/25 09:30

Matrix: Water

Date Received: 07/17/25 16:40

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	0.103	U	0.187	0.188	1.00	0.330	pCi/L	07/22/25 08:07	08/13/25 09:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.6		30 - 110					07/22/25 08:07	08/13/25 09:39	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	0.536	U	0.384	0.387	1.00	0.581	pCi/L	07/22/25 08:14	08/12/25 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.6		30 - 110					07/22/25 08:14	08/12/25 11:41	1
Y Carrier	82.6		30 - 110					07/22/25 08:14	08/12/25 11:41	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	0.639		0.427	0.430	5.00	0.581	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 52

Lab Sample ID: 500-271636-37

Date Collected: 07/17/25 10:35

Matrix: Water

Date Received: 07/17/25 16:40

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	0.160	U	0.183	0.184	1.00	0.299	pCi/L	07/22/25 08:07	08/13/25 09:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.2		30 - 110					07/22/25 08:07	08/13/25 09:39	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	0.0512	U	0.334	0.334	1.00	0.608	pCi/L	07/22/25 08:14	08/12/25 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.2		30 - 110					07/22/25 08:14	08/12/25 11:41	1
Y Carrier	75.9		30 - 110					07/22/25 08:14	08/12/25 11:41	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	0.211	U	0.381	0.381	5.00	0.608	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 52_FD

Date Collected: 07/17/25 10:40

Date Received: 07/17/25 16:40

Lab Sample ID: 500-271636-38

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.201	U	0.171	0.172	1.00	0.256	pCi/L	07/22/25 08:07	08/13/25 09:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/22/25 08:07	08/13/25 09:39	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	0.0765	U	0.294	0.295	1.00	0.534	pCi/L	07/22/25 08:14	08/12/25 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/22/25 08:14	08/12/25 11:41	1
Y Carrier	80.0		30 - 110					07/22/25 08:14	08/12/25 11:41	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	0.277	U	0.340	0.341	5.00	0.534	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 12

Lab Sample ID: 500-271636-43

Date Collected: 07/18/25 10:20

Matrix: Water

Date Received: 07/18/25 13:10

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	0.0998	U	0.140	0.140	1.00	0.237	pCi/L	07/22/25 08:07	08/13/25 09:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					07/22/25 08:07	08/13/25 09:39	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	-0.0931	U	0.245	0.246	1.00	0.489	pCi/L	07/22/25 08:14	08/12/25 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					07/22/25 08:14	08/12/25 11:41	1
Y Carrier	87.1		30 - 110					07/22/25 08:14	08/12/25 11:41	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	0.0998	U	0.282	0.283	5.00	0.489	pCi/L		08/15/25 15:02	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 13

Lab Sample ID: 500-271636-44

Date Collected: 07/18/25 10:15

Matrix: Water

Date Received: 07/18/25 13:10

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	0.00531	U	0.111	0.111	1.00	0.233	pCi/L	07/22/25 08:07	08/13/25 09:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.4		30 - 110					07/22/25 08:07	08/13/25 09:39	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	0.0345	U	0.327	0.327	1.00	0.599	pCi/L	07/22/25 08:14	08/12/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.4		30 - 110					07/22/25 08:14	08/12/25 11:42	1
Y Carrier	78.9		30 - 110					07/22/25 08:14	08/12/25 11:42	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	0.0398	U	0.345	0.345	5.00	0.599	pCi/L		08/15/25 15:02	1

Definitions/Glossary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25-002-005
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 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Rad

Prep Batch: 728326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total/NA	Water	PrecSep-21	
500-271636-4	18&D	Total/NA	Water	PrecSep-21	
500-271636-5	18&D_FD	Total/NA	Water	PrecSep-21	
500-271636-6	18#S	Total/NA	Water	PrecSep-21	
500-271636-7	21R	Total/NA	Water	PrecSep-21	
500-271636-8	27	Total/NA	Water	PrecSep-21	
500-271636-9	32	Total/NA	Water	PrecSep-21	
500-271636-10	34	Total/NA	Water	PrecSep-21	
500-271636-11	35	Total/NA	Water	PrecSep-21	
500-271636-13	45#S	Total/NA	Water	PrecSep-21	
500-271636-14	50	Total/NA	Water	PrecSep-21	
500-271636-18	17	Total/NA	Water	PrecSep-21	
500-271636-19	22	Total/NA	Water	PrecSep-21	
500-271636-20	22&D	Total/NA	Water	PrecSep-21	
500-271636-21	23	Total/NA	Water	PrecSep-21	
500-271636-22	46	Total/NA	Water	PrecSep-21	
500-271636-23	47	Total/NA	Water	PrecSep-21	
500-271636-24	47_FD	Total/NA	Water	PrecSep-21	
MB 160-728326/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-728326/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-271636-9 MS	32	Total/NA	Water	PrecSep-21	
500-271636-9 MSD	32	Total/NA	Water	PrecSep-21	

Prep Batch: 728327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-1	03R	Total/NA	Water	PrecSep_0	
500-271636-4	18&D	Total/NA	Water	PrecSep_0	
500-271636-5	18&D_FD	Total/NA	Water	PrecSep_0	
500-271636-6	18#S	Total/NA	Water	PrecSep_0	
500-271636-7	21R	Total/NA	Water	PrecSep_0	
500-271636-8	27	Total/NA	Water	PrecSep_0	
500-271636-9	32	Total/NA	Water	PrecSep_0	
500-271636-10	34	Total/NA	Water	PrecSep_0	
500-271636-11	35	Total/NA	Water	PrecSep_0	
500-271636-13	45#S	Total/NA	Water	PrecSep_0	
500-271636-14	50	Total/NA	Water	PrecSep_0	
500-271636-18	17	Total/NA	Water	PrecSep_0	
500-271636-19	22	Total/NA	Water	PrecSep_0	
500-271636-20	22&D	Total/NA	Water	PrecSep_0	
500-271636-21	23	Total/NA	Water	PrecSep_0	
500-271636-22	46	Total/NA	Water	PrecSep_0	
500-271636-23	47	Total/NA	Water	PrecSep_0	
500-271636-24	47_FD	Total/NA	Water	PrecSep_0	
MB 160-728327/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-728327/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-271636-9 MS	32	Total/NA	Water	PrecSep_0	
500-271636-9 MSD	32	Total/NA	Water	PrecSep_0	

Prep Batch: 728328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-30	07	Total/NA	Water	PrecSep-21	

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Rad (Continued)

Prep Batch: 728328 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-31	08	Total/NA	Water	PrecSep-21	
500-271636-32	08&D	Total/NA	Water	PrecSep-21	
500-271636-35	16	Total/NA	Water	PrecSep-21	
500-271636-37	52	Total/NA	Water	PrecSep-21	
500-271636-38	52_FD	Total/NA	Water	PrecSep-21	
500-271636-43	12	Total/NA	Water	PrecSep-21	
500-271636-44	13	Total/NA	Water	PrecSep-21	
MB 160-728328/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-728328/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 728329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-30	07	Total/NA	Water	PrecSep_0	
500-271636-31	08	Total/NA	Water	PrecSep_0	
500-271636-32	08&D	Total/NA	Water	PrecSep_0	
500-271636-35	16	Total/NA	Water	PrecSep_0	
500-271636-37	52	Total/NA	Water	PrecSep_0	
500-271636-38	52_FD	Total/NA	Water	PrecSep_0	
500-271636-43	12	Total/NA	Water	PrecSep_0	
500-271636-44	13	Total/NA	Water	PrecSep_0	
MB 160-728329/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-728329/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 728531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-25	49	Total/NA	Water	PrecSep-21	
500-271636-26	51	Total/NA	Water	PrecSep-21	
500-271636-27	54	Total/NA	Water	PrecSep-21	
500-271636-28	FB	Total/NA	Water	PrecSep-21	
MB 160-728531/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-728531/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 728532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-25	49	Total/NA	Water	PrecSep_0	
500-271636-26	51	Total/NA	Water	PrecSep_0	
500-271636-27	54	Total/NA	Water	PrecSep_0	
500-271636-28	FB	Total/NA	Water	PrecSep_0	
MB 160-728532/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-728532/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-728326/1-A
Matrix: Water
Analysis Batch: 731823

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728326

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02363	U	0.134	0.134	1.00	0.273	pCi/L	07/22/25 08:01	08/13/25 18:58	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					07/22/25 08:01	08/13/25 18:58	1

Lab Sample ID: LCS 160-728326/2-A
Matrix: Water
Analysis Batch: 731823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728326

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226			9.58	7.876		1.10	1.00	0.302	pCi/L	82	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits								
Ba Carrier	91.7		30 - 110								

Lab Sample ID: 500-271636-9 MS
Matrix: Water
Analysis Batch: 731823

Client Sample ID: 32
Prep Type: Total/NA
Prep Batch: 728326

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	0.289	U	9.53	9.319		1.24	1.00	0.325	pCi/L	95	60 - 140
Carrier	MS %Yield	MS Qualifier	Limits								
Ba Carrier	90.4		30 - 110								

Lab Sample ID: 500-271636-9 MSD
Matrix: Water
Analysis Batch: 731823

Client Sample ID: 32
Prep Type: Total/NA
Prep Batch: 728326

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	0.289	U	9.56	8.702		1.18	1.00	0.326	pCi/L	88	60 - 140	0.26	1
Carrier	MSD %Yield	MSD Qualifier	Limits										
Ba Carrier	91.9		30 - 110										

Lab Sample ID: MB 160-728328/1-A
Matrix: Water
Analysis Batch: 731822

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728328

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.03551	U	0.113	0.113	1.00	0.254	pCi/L	07/22/25 08:07	08/13/25 07:52	1

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-271636-2
HEN-25Q3-2905
SDG: HEN_000_RAD

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

Lab Sample ID: MB 160-728328/1-A
Matrix: Water
Analysis Batch: 731822

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728328

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	95.0		30 - 110	07/22/25 08:07	08/13/25 07:52	1

Lab Sample ID: LCS 160-728328/2-A
Matrix: Water
Analysis Batch: 731822

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728328

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	8.021		1.03	1.00	0.214	pCi/L	84	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	96.2		30 - 110						

Lab Sample ID: MB 160-728531/1-A
Matrix: Water
Analysis Batch: 732004

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728531

	MB	MB	Count	Total						
Analyte	Result	Qualifier	Uncert.	Uncert.	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.05116	U	(2σ+/-) 0.180	(2σ+/-) 0.180	1.00	0.379	pCi/L	07/23/25 08:02	08/14/25 16:57	1
Carrier	MB	MB								
	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.7		30 - 110					07/23/25 08:02	08/14/25 16:57	1

Lab Sample ID: LCS 160-728531/2-A
Matrix: Water
Analysis Batch: 732004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728531

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.58	8.951		1.22	1.00	0.367	pCi/L	93	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	85.4		30 - 110						

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-728327/1-A
Matrix: Water
Analysis Batch: 731824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728327

			Count	Total						
	MB	MB	Uncert.	Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4390	U	0.356	0.358	1.00	0.556	pCi/L	07/22/25 08:06	08/13/25 11:42	1
Carrier	MB	MB								
	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					07/22/25 08:06	08/13/25 11:42	1

Eurofins Chicago

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

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

Lab Sample ID: MB 160-728327/1-A
Matrix: Water
Analysis Batch: 731824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728327

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	81.9		30 - 110	07/22/25 08:06	08/13/25 11:42	1

Lab Sample ID: LCS 160-728327/2-A
Matrix: Water
Analysis Batch: 731824

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728327

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.17	11.59		1.50	1.00	0.550	pCi/L	126	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	91.7		30 - 110						
Y Carrier	78.1		30 - 110						

Lab Sample ID: 500-271636-9 MS
Matrix: Water
Analysis Batch: 731824

Client Sample ID: 32
Prep Type: Total/NA
Prep Batch: 728327

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	0.467	U	9.12	9.963		1.36	1.00	0.483	pCi/L	104	60 - 140
Carrier	MS %Yield	MS Qualifier	Limits								
Ba Carrier	90.4		30 - 110								
Y Carrier	75.5		30 - 110								

Lab Sample ID: 500-271636-9 MSD
Matrix: Water
Analysis Batch: 731824

Client Sample ID: 32
Prep Type: Total/NA
Prep Batch: 728327

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	0.467	U	9.15	10.53		1.43	1.00	0.619	pCi/L	110	60 - 140	0.20	1
Carrier	MSD %Yield	MSD Qualifier	Limits										
Ba Carrier	91.9		30 - 110										
Y Carrier	77.4		30 - 110										

Lab Sample ID: MB 160-728329/1-A
Matrix: Water
Analysis Batch: 731525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728329

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.01639	U	0.295	0.295	1.00	0.550	pCi/L	07/22/25 08:14	08/12/25 11:40	1

Eurofins Chicago

QC Sample Results

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-271636-2
HEN-25Q3-2905
SDG: HEN_000_RAD

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

Lab Sample ID: MB 160-728329/1-A
Matrix: Water
Analysis Batch: 731525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728329

Carrier	MB %Yield	MB Qualifier	Limits
Ba Carrier	95.0		30 - 110
Y Carrier	81.1		30 - 110

Prepared	Analyzed	Dil Fac
07/22/25 08:14	08/12/25 11:40	1
07/22/25 08:14	08/12/25 11:40	1

Lab Sample ID: LCS 160-728329/2-A
Matrix: Water
Analysis Batch: 731525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728329

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.17	9.667		1.27	1.00	0.482	pCi/L	105	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	96.2		30 - 110
Y Carrier	84.9		30 - 110

Lab Sample ID: MB 160-728532/1-A
Matrix: Water
Analysis Batch: 732002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728532

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.1765	U	0.244	0.244	1.00	0.507	pCi/L	07/23/25 08:08	08/14/25 12:07	1

Carrier	MB %Yield	MB Qualifier	Limits
Ba Carrier	92.7		30 - 110
Y Carrier	92.0		30 - 110

Prepared	Analyzed	Dil Fac
07/23/25 08:08	08/14/25 12:07	1
07/23/25 08:08	08/14/25 12:07	1

Lab Sample ID: LCS 160-728532/2-A
Matrix: Water
Analysis Batch: 732002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728532

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.16	10.34		1.40	1.00	0.610	pCi/L	113	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	85.4		30 - 110
Y Carrier	86.4		30 - 110

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-000-2905
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Client Sample ID: 03R

Date Collected: 07/15/25 16:25

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731824	FLC	EET SL	08/13/25 11:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Client Sample ID: 18&D

Date Collected: 07/15/25 10:20

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731824	FLC	EET SL	08/13/25 11:43
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Client Sample ID: 18&D_FD

Date Collected: 07/15/25 10:25

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731824	FLC	EET SL	08/13/25 11:43
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Client Sample ID: 18#S

Date Collected: 07/15/25 09:05

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731824	FLC	EET SL	08/13/25 11:43
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25Q3-2025
SDG: HEN_000_RAD

Client Sample ID: 21R

Date Collected: 07/15/25 15:15

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731824	FLC	EET SL	08/13/25 11:43
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Client Sample ID: 27

Date Collected: 07/15/25 12:55

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731824	FLC	EET SL	08/13/25 11:43
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Client Sample ID: 32

Date Collected: 07/15/25 11:50

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 19:00
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731824	FLC	EET SL	08/13/25 11:43
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Client Sample ID: 34

Date Collected: 07/15/25 14:20

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 19:00
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:44
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-000-2905
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Client Sample ID: 35

Date Collected: 07/15/25 15:55

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 19:00
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:44
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Client Sample ID: 45#S

Date Collected: 07/15/25 11:20

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731824	FLC	EET SL	08/13/25 18:58
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:44
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Client Sample ID: 50

Date Collected: 07/16/25 09:25

Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731824	FLC	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:44
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Client Sample ID: 17

Date Collected: 07/16/25 16:05

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731824	FLC	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:43
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-000-2905
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Client Sample ID: 22

Date Collected: 07/16/25 15:15

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731824	FLC	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/14/25 17:56

Client Sample ID: 22&D

Date Collected: 07/16/25 13:10

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731824	FLC	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 23

Date Collected: 07/16/25 12:30

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731824	FLC	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:44
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 46

Date Collected: 07/16/25 16:00

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731824	FLC	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:44
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-000-2905
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Client Sample ID: 47

Date Collected: 07/16/25 10:50

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731824	FLC	EET SL	08/13/25 18:59
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 47_FD

Date Collected: 07/16/25 10:55

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728326	JTR	EET SL	07/22/25 08:01
Total/NA	Analysis	903.0		1	731824	FLC	EET SL	08/13/25 19:00
Total/NA	Prep	PrecSep_0			728327	JTR	EET SL	07/22/25 08:06
Total/NA	Analysis	904.0		1	731847	FLC	EET SL	08/13/25 11:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 49

Date Collected: 07/16/25 11:35

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728531	JTR	EET SL	07/23/25 08:02
Total/NA	Analysis	903.0		1	732000	SWS	EET SL	08/14/25 17:05
Total/NA	Prep	PrecSep_0			728532	JTR	EET SL	07/23/25 08:08
Total/NA	Analysis	904.0		1	732000	SWS	EET SL	08/14/25 12:14
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 51

Date Collected: 07/16/25 10:45

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728531	JTR	EET SL	07/23/25 08:02
Total/NA	Analysis	903.0		1	732000	SWS	EET SL	08/14/25 17:05
Total/NA	Prep	PrecSep_0			728532	JTR	EET SL	07/23/25 08:08
Total/NA	Analysis	904.0		1	732000	SWS	EET SL	08/14/25 12:14
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-000-2905
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Client Sample ID: 54

Date Collected: 07/16/25 12:10

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728531	JTR	EET SL	07/23/25 08:02
Total/NA	Analysis	903.0		1	732000	SWS	EET SL	08/14/25 17:05
Total/NA	Prep	PrecSep_0			728532	JTR	EET SL	07/23/25 08:08
Total/NA	Analysis	904.0		1	732000	SWS	EET SL	08/14/25 12:14
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: FB

Date Collected: 07/16/25 19:30

Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728531	JTR	EET SL	07/23/25 08:02
Total/NA	Analysis	903.0		1	732000	SWS	EET SL	08/14/25 17:05
Total/NA	Prep	PrecSep_0			728532	JTR	EET SL	07/23/25 08:08
Total/NA	Analysis	904.0		1	732000	SWS	EET SL	08/14/25 12:14
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 07

Date Collected: 07/17/25 10:55

Date Received: 07/17/25 16:40

Lab Sample ID: 500-271636-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728328	JTR	EET SL	07/22/25 08:07
Total/NA	Analysis	903.0		1	731822	SWS	EET SL	08/13/25 07:52
Total/NA	Prep	PrecSep_0			728329	JTR	EET SL	07/22/25 08:14
Total/NA	Analysis	904.0		1	731525	SWS	EET SL	08/12/25 11:40
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 08

Date Collected: 07/17/25 13:20

Date Received: 07/17/25 16:40

Lab Sample ID: 500-271636-31

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728328	JTR	EET SL	07/22/25 08:07
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 09:39
Total/NA	Prep	PrecSep_0			728329	JTR	EET SL	07/22/25 08:14
Total/NA	Analysis	904.0		1	731525	SWS	EET SL	08/12/25 11:40
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-000-2905
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Client Sample ID: 08&D

Date Collected: 07/17/25 09:15

Date Received: 07/17/25 16:40

Lab Sample ID: 500-271636-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728328	JTR	EET SL	07/22/25 08:07
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 09:39
Total/NA	Prep	PrecSep_0			728329	JTR	EET SL	07/22/25 08:14
Total/NA	Analysis	904.0		1	731525	SWS	EET SL	08/12/25 11:41
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 16

Date Collected: 07/17/25 09:30

Date Received: 07/17/25 16:40

Lab Sample ID: 500-271636-35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728328	JTR	EET SL	07/22/25 08:07
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 09:39
Total/NA	Prep	PrecSep_0			728329	JTR	EET SL	07/22/25 08:14
Total/NA	Analysis	904.0		1	731525	SWS	EET SL	08/12/25 11:41
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 52

Date Collected: 07/17/25 10:35

Date Received: 07/17/25 16:40

Lab Sample ID: 500-271636-37

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728328	JTR	EET SL	07/22/25 08:07
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 09:39
Total/NA	Prep	PrecSep_0			728329	JTR	EET SL	07/22/25 08:14
Total/NA	Analysis	904.0		1	731525	SWS	EET SL	08/12/25 11:41
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 52_FD

Date Collected: 07/17/25 10:40

Date Received: 07/17/25 16:40

Lab Sample ID: 500-271636-38

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728328	JTR	EET SL	07/22/25 08:07
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 09:39
Total/NA	Prep	PrecSep_0			728329	JTR	EET SL	07/22/25 08:14
Total/NA	Analysis	904.0		1	731525	SWS	EET SL	08/12/25 11:41
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Lab Chronicle

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
Hennepin 002505
SDG: HEN_000_RAD

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

Client Sample ID: 12

Date Collected: 07/18/25 10:20

Date Received: 07/18/25 13:10

Lab Sample ID: 500-271636-43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728328	JTR	EET SL	07/22/25 08:07
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 09:39
Total/NA	Prep	PrecSep_0			728329	JTR	EET SL	07/22/25 08:14
Total/NA	Analysis	904.0		1	731525	SWS	EET SL	08/12/25 11:41
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

Client Sample ID: 13

Date Collected: 07/18/25 10:15

Date Received: 07/18/25 13:10

Lab Sample ID: 500-271636-44

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			728328	JTR	EET SL	07/22/25 08:07
Total/NA	Analysis	903.0		1	731823	SWS	EET SL	08/13/25 09:39
Total/NA	Prep	PrecSep_0			728329	JTR	EET SL	07/22/25 08:14
Total/NA	Analysis	904.0		1	731525	SWS	EET SL	08/12/25 11:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	731872	SCB	EET SL	08/15/25 15:02

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-25Q3

ATTACHMENT B.
15 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 590-271636-2
HEN-25-002905
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

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

500-271636 COC

1 of 3

1
2
3

654

SAMPLER NAME AND SIGNATURE		Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER. <i>George Atsally</i>				
SIGNATURE OF SAMPLER. <i>[Signature]</i>	DATE Signed (MM/DD/YY) <i>7/16/75</i>			

2.7+2.5, 3.5+3.3, 2.4+2.2, 3.6+3.4, 3.9+3.7, 2.8+2.6

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

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

3 of 3

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

[illegible]

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME				
HEN-25Q3 Rev 0	<i>[Signature]</i>	7/16/25	1000	<i>[Signature]</i>	7/16/25	1006				
	<i>[Signature]</i>	7/16/25	1202	Stephanie Hemann of ECHA	7/16/25	1202				
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER. <i>George Desautels</i> SIGNATURE of SAMPLER. <i>[Signature]</i> DATE Signed (MM/DD/YY) 07/16/25 dbn 071725							Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)	

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

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PG
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18

$$4.2 \rightarrow 4.0, 3.0 \rightarrow 2.5, 2.0 \rightarrow 1.5, 4.1 \rightarrow 3.9$$

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

2 of 3

19
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Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
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CHAIN-OF-CUSTODY / Analytical Request Document

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

500-271636

Section A Required Client Information		Section B Required Project Information.		Section C Invoice Information.		3 of 3	
Company: Vistra Corp-Hennepin		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
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		Site Location	
Requested Due Date/TAT: 10 day		Project Number: 50024191		Profile #:		STATE: IL	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analysis Filtered (Y/N)												Project No./ Lab I.D.
	SAMPLE ID (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE	DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS						Unpreserved H ₂ SO ₄ HNO ₃ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other		HEN-000 HEN-000-RAD HEN-257-801 HEN-257-802 HEN-257-803 HEN-257-804 HEN-811-801 HEN-845-802-805 HEN-845-803 HEN-845-804 HEN-WPCP-East HEN-WPCP-West Residual Chlorine (Y/N)												
26	51			7/16/25	1045					H	X											
	52									G	X											
27	52_FD									G	X											
	54			7/16/25	1210					G	X											
	55									J												DTW ONLY
	SG02 (YSG_ILRIVER)									J		X	X	X	X	X	X	X	X			DTW ONLY
	XSG01									J												DTW ONLY
28	FB			7/16/25	1930					C	X				X	X			X			SHORT HOLD - NO2
29	TB1			7/17/25	0730					A									X			BTEX ONLY
	TB2									A									X			BTEX ONLY
11																						
12																						
13																						
14																						
15																						
16																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME			
HEN-25Q3 Rev 0	George Assalley / ASE	7/17/25	0800	George Assalley	7/17/25	1007			
	George Assalley	7/17/25	1204	George Assalley	7/17/25	1204			
SAMPLER NAME AND SIGNATURE							Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER. George Assalley dbn 071825									
SIGNATURE of SAMPLER. <i>George Assalley</i>							DATE Signed (MM/DD/YY) 7/17/25		

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

1 of 3



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

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SAMPLER NAME AND SIGNATURE		Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER. <i>George Aschling</i>				
SIGNATURE OF SAMPLER. <i>[Signature]</i>	DATE Signed (MM/DD/YY) <i>7/12/05</i>			

1.6 → 1.4, 5.8 → 5.6, 3.3 → 3.1

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

2 of 3

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

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dbn 072225

Page 63 of 76

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

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



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0.9-202

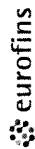
Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record

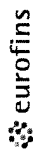


Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COG No: 500-205830-1						
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.		Accreditations Required (See note): NELAP - Illinois	Job #: 500-271636-1						
Address:		Preservation Codes:									
13715 Rider Trail North,											
City: Earth City		Analysis Requested									
State, Zip: MO, 63045											
Phone: 314-298-8566(Tel) 314-298-8757(Fax)											
Email: N/A											
Project Name: HEN-25Q3											
Site: Vistra Corp-Hennepin											
SSOW#: N/A											
Due Date Requested: 8/14/2025											
TAT Requested (days): N/A											
PO #: N/A											
WO #: N/A											
Project #: 50024191											
Sample Date		Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=water, S=solid, O=wastewater, BT=trace analyte)	Field Filtered Sample (Yes or No)	Performance MS/MSD (Yes or No)	903.0/Precip. 21BB	904.0/Precip. 0BB	Ra226_228GFPc_PBB	Total Number of Containers	Special Instructions/Note:
Sample Identification - Client ID (Lab ID)											
03R (500-271636-1)	7/15/25	16:25 Central	G	Water			X	X	X	2	
18&D (500-271636-4)	7/15/25	10:20 Central	G	Water			X	X	X	2	
18&D_FD (500-271636-5)	7/15/25	10:25 Central	G	Water			X	X	X	2	
18#S (500-271636-6)	7/15/25	09:05 Central	G	Water			X	X	X	2	
21R (500-271636-7)	7/15/25	15:15 Central	G	Water			X	X	X	2	
27 (500-271636-8)	7/15/25	12:55 Central	G	Water			X	X	X	2	
32 (500-271636-9)	7/15/25	11:50 Central	G	Water			X	X	X	2	
32 (500-271636-9MS)	7/15/25	11:50 Central	G	Water			X	X	X	2	
32 (500-271636-9MSD)	7/15/25	11:50 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/ests/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: _____											
Relinquished by: <i>Stephanie Hernandez</i> Date/Time: 7/16/25 1700 Company: <i>EEIA</i>											
Relinquished by: _____ Date/Time: _____ Company: _____											
Relinquished by: _____ Date/Time: _____ Company: _____											
Custody Seals Intact: _____ Custody Seal No.: _____											
Cooler Temperature(s) °C and Other Remarks: _____											
Special Instructions/QC Requirements: _____											
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months											
Method of Shipment: _____											
HEN-845-802-405											

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

Chain of Custody Record



Environment Testing

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4

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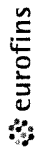
Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record



Environment Testing

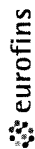


Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COC No: 500-206246-1
Client Contact:		Phone: N/A	E-Mail: Dirk.Nelson@eurofins.com	State of Origin: Illinois	Page: Page 1 of 2
Shipping/Receiving		Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois	Job #: 500-271636-1
Address: 13715 Rider Trail North,		Due Date Requested: 7/29/2025		Preservation Codes:	
City: Earth City		TAT Requested (days): N/A		Analysis Requested	
State, Zip: MO, 63045		PO #: N/A		Total Number of Containers	
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A		Other: N/A	
Email: N/A		Project #: 50024191		Special Instructions/Note:	
Project Name: HEN-25Q3		SSOW#: N/A		Field Filtered Sample (Yes or No)	
Site: Vistra Corp-Hennepin		Sample Date		Field Filtered Sample (Yes or No)	
Sample Identification - Client ID (Lab ID)		Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=biogas, Acid)	Preservation Code
17 (500-271636-18)	7/16/25	16:05 Central	G	Water	X
22 (500-271636-19)	7/16/25	15:15 Central	G	Water	X
22&D (500-271636-20)	7/16/25	13:10 Central	G	Water	X
23 (500-271636-21)	7/16/25	12:30 Central	G	Water	X
46 (500-271636-22)	7/16/25	16:00 Central	G	Water	X
47 (500-271636-23)	7/16/25	10:50 Central	G	Water	X
47_FD (500-271636-24)	7/16/25	10:55 Central	G	Water	X
49 (500-271636-25)	7/16/25	11:35 Central	G	Water	X
51 (500-271636-26)	7/16/25	10:45 Central	G	Water	X
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/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:					
Relinquished by: Date/Time: Received by: M. Pinette Date/Time: JUL 18 2025 08:20 Company: Company					
Relinquished by: Date/Time: Received by: Meadow Pinette Date/Time: Company: Company					
Relinquished by: Date/Time: Received by: Company: Company					
Custody Seals Intact: Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:					
Δ Yes Δ No					

Ver: 10/10/2024

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

Chain of Custody Record



Environment Testing

[illegible]

eurofins | Environment Testing



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

Client Information (Sub Contract Lab)				Lab PM:		Carrier Tracking No(s):		COC No:						
Client Contact: Shipping/Receiving				Nelson, Dirk		N/A		500-206639.1						
Company: TestAmerica Laboratories, Inc.				E-Mail: Dirk.Nelson@et.eurofinsus.com		State of Origin: Illinois		Page Page 1 of 1						
Address: 13715 Rider Trail North,				Accreditations Required (See note): NELAP - Illinois				Job #: 500-271636-1						
City: Earth City				Due Date Requested: 7/31/2025		Analysis Requested		Preservation Codes:						
State Zip: MO, 63045				TAT Requested (days): N/A										
Phone: 314-298-8566(Tel) 314-298-8757(Fax)				PO #: N/A										
Email: N/A				WO #: N/A										
Project Name: HEN-25Q3				Project #: 50024191										
Site: Vistra Corp-Hennepin				SSOW#: N/A										
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Weaker, Swallow, O-wastefill, BT=Titius Asher)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_11BB	904.0/PrecSep_0BB	Ra226, Z286G.FPC_BB	Total Number of Containers	Special Instructions/Note:
07 (500-271636-30)	7/17/25	10:55	Central	G	Water	X	X	X	X	X	X	X	2	
08 (500-271636-31)	7/17/25	13:20	Central	G	Water	X	X	X	X	X	X	X	2	
08&D (500-271636-32)	7/17/25	09:15	Central	G	Water	X	X	X	X	X	X	X	2	
16 (500-271636-35)	7/17/25	09:30	Central	G	Water	X	X	X	X	X	X	X	2	
52 (500-271636-37)	7/17/25	10:35	Central	G	Water	X	X	X	X	X	X	X	2	
52_FD (500-271636-38)	7/17/25	10:40	Central	G	Water	X	X	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 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:														
Relinquished by: [Signature]														
Date/Time: 07/18/25 13:10														
Relinquished by: [Signature]														
Date/Time: 07/18/25 13:10														
Relinquished by: [Signature]														
Date/Time: 07/18/25 13:10														
Custody Seals Intact: Δ Yes Δ No														
Custody Seal No.:														
Cooler Temperature(s) °C and Other Remarks:														

eurofins | Environment Testing

Environment Testing

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

[illegible]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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: 500-271636-2
SDG Number: HEN_000_RAD

Login Number: 271636

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	3.3,2.2,3.4,3.7,2.6,2.5,4.0,2.8,1.8,3.9,1.4,5.6,3.1,0.7
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.	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.	False	Containers sent for resampling as needed.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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: 500-271636-2
SDG Number: HEN_000_RAD

Login Number: 271636

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 07/17/25 11:40 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.

Eurofins Chicago

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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: 500-271636-2
SDG Number: HEN_000_RAD

Login Number: 271636

List Number: 5

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 07/18/25 11:51 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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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: 500-271636-2
SDG Number: HEN_000_RAD

Login Number: 271636

List Number: 7

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 07/21/25 12:47 PM

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

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

Eurofins Chicago

Tracer/Carrier Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
HEN-25-902905
SDG: HEN_000_RAD

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	
500-271636-1	03R	89.9	
500-271636-4	18&D	93.2	
500-271636-5	18&D_FD	90.7	
500-271636-6	18#S	89.2	
500-271636-7	21R	86.4	
500-271636-8	27	86.1	
500-271636-9	32	86.4	
500-271636-9 MS	32	90.4	
500-271636-9 MSD	32	91.9	
500-271636-10	34	88.4	
500-271636-11	35	90.9	
500-271636-13	45#S	89.4	
500-271636-14	50	91.7	
500-271636-18	17	83.6	
500-271636-19	22	91.9	
500-271636-20	22&D	90.7	
500-271636-21	23	81.6	
500-271636-22	46	91.2	
500-271636-23	47	86.1	
500-271636-24	47_FD	91.9	
500-271636-25	49	91.7	
500-271636-26	51	93.7	
500-271636-27	54	97.2	
500-271636-28	FB	101	
500-271636-30	07	89.4	
500-271636-31	08	91.4	
500-271636-32	08&D	83.6	
500-271636-35	16	80.6	
500-271636-37	52	90.2	
500-271636-38	52_FD	90.7	
500-271636-43	12	91.9	
500-271636-44	13	88.4	
LCS 160-728326/2-A	Lab Control Sample	91.7	
LCS 160-728328/2-A	Lab Control Sample	96.2	
LCS 160-728531/2-A	Lab Control Sample	85.4	
MB 160-728326/1-A	Method Blank	93.5	
MB 160-728328/1-A	Method Blank	95.0	
MB 160-728531/1-A	Method Blank	92.7	

Tracer/Carrier Legend

Ba = Ba Carrier

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)
500-271636-1	03R	89.9	72.1
500-271636-4	18&D	93.2	72.5

Eurofins Chicago

Tracer/Carrier Summary

Client: Vistra Energy Corp
Project/Site: HEN-25Q3

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
Job ID: 500-271636-2
SDG: HEN_000_RAD

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

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
500-271636-5	18&D_FD	90.7	76.6
500-271636-6	18#S	89.2	78.9
500-271636-7	21R	86.4	81.1
500-271636-8	27	86.1	74.8
500-271636-9	32	86.4	77.4
500-271636-9 MS	32	90.4	75.5
500-271636-9 MSD	32	91.9	77.4
500-271636-10	34	88.4	74.0
500-271636-11	35	90.9	82.6
500-271636-13	45#S	89.4	80.0
500-271636-14	50	91.7	83.4
500-271636-18	17	83.6	80.0
500-271636-19	22	91.9	77.8
500-271636-20	22&D	90.7	77.4
500-271636-21	23	81.6	74.4
500-271636-22	46	91.2	75.1
500-271636-23	47	86.1	77.8
500-271636-24	47_FD	91.9	81.5
500-271636-25	49	91.7	85.2
500-271636-26	51	93.7	87.5
500-271636-27	54	97.2	92.7
500-271636-28	FB	101	91.6
500-271636-30	07	89.4	75.5
500-271636-31	08	91.4	83.0
500-271636-32	08&D	83.6	72.5
500-271636-35	16	80.6	82.6
500-271636-37	52	90.2	75.9
500-271636-38	52_FD	90.7	80.0
500-271636-43	12	91.9	87.1
500-271636-44	13	88.4	78.9
LCS 160-728327/2-A	Lab Control Sample	91.7	78.1
LCS 160-728329/2-A	Lab Control Sample	96.2	84.9
LCS 160-728532/2-A	Lab Control Sample	85.4	86.4
MB 160-728327/1-A	Method Blank	93.5	81.9
MB 160-728329/1-A	Method Blank	95.0	81.1
MB 160-728532/1-A	Method Blank	92.7	92.0

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer									
Project Number: <u>2024.1111</u>		Task #: _____		Start Date: <u>7 / 16 / 2025</u>		Time: <u>840</u>							
Field Personnel: <u>Thomas Casey</u>													
WELL INFORMATION					EVENT TYPE								
Well ID: <u>02</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>28054</u> <u>Heron</u> Serial NO: <u>25962</u>
Casing ID: _____ Inches					Well Volume Approach Sampling				(Specify): Low Flow				
WATER QUALITY INDICATOR PARAMETERS (continued)													
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 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>0840</u>	<u>—</u>	<u>45.50</u>	<u>—</u>	<u>16.8</u>	<u>6.85</u>	<u>0.977</u>	<u>7.90</u>	<u>1.45</u>	<u>158.7</u>	<u>Clear</u>	
Purge	5	<u>0845</u>	<u>1.14</u>	<u>45.50</u>	<u>0</u>	<u>15.5</u>	<u>6.82</u>	<u>1.030</u>	<u>2.71</u>	<u>2.26</u>	<u>152.1</u>	<u>Clear</u>	
	10	<u>0850</u>	<u>1.14</u>	<u>45.50</u>	<u>0</u>	<u>15.4</u>	<u>6.81</u>	<u>1.018</u>	<u>1.47</u>	<u>1.76</u>	<u>149.0</u>	<u>Clear</u>	
	15	<u>0855</u>	<u>1.14</u>	<u>45.50</u>	<u>0</u>	<u>15.4</u>	<u>6.82</u>	<u>1.012</u>	<u>0.75</u>	<u>2.00</u>	<u>144.6</u>	<u>Clear</u>	
*****	20	<u>0900</u>	<u>1.12</u>	<u>45.50</u>	<u>0</u>	<u>15.3</u>	<u>6.85</u>	<u>1.006</u>	<u>0.52</u>	<u>1.10</u>	<u>140.6</u>	<u>Clear</u>	
	25	<u>0905</u>	<u>1</u>	<u>45.50</u>	<u>0</u>	<u>15.4</u>	<u>6.90</u>	<u>1.005</u>	<u>0.42</u>	<u>1.04</u>	<u>135.2</u>	<u>Clear</u>	
	30	<u>0910</u>	<u>1</u>	<u>45.50</u>	<u>0</u>	<u>15.3</u>	<u>6.92</u>	<u>1.003</u>	<u>0.36</u>	<u>0.93</u>	<u>132.4</u>	<u>Clear</u>	
Sample	35	<u>0915</u>	<u>1.14</u>	<u>45.50</u>	<u>0</u>								
	40	<u>0920</u>											
	45												
	50												
	55												
	60												
NOTES (continued)								ABBREVIATIONS					
Sampled @ <u>920</u> on <u>7 / 16 / 2025</u>								Cond - Actual Conductivity					ORP - Oxidation-Reduction Potential SEC - Specific
								FT BTOC - Feet Below Top of Casing no. - Nol					Electrical Conductance SU - Standard Units

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: Hennepin		Client: Vistra		Sampling Equipment Used (Circle One):								
Project Number: 2024.1111		Task #:		Start Date: 7/15/2025		Time: 1555		☒ Dedicated Bladder ☐ Peristaltic Pump ☐ Portable Bladder ☐ Bailor				
Field Personnel: <u>Thomas Long</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>03R</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>2:8057</u> Heron	
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Serial NO: <u>25962</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	1555	—	35.60	—	—	—	—	—	—	—	—
Purge	5	1600	14	35.60	—	18.8	7.52	0.853	1.73	2.40	73.6	Clear
	10	1605	12	35.60	—	18.9	7.51	0.852	1.64	3.20	76.3	" "
	15	1610	12	35.60	—	18.3	7.52	0.845	0.89	2.46	77.9	" "
*****	20	1615	1	35.60	—	18.7	7.51	0.848	0.79	1.41	78.5	" "
✓	25	1620	1.5	35.60	—	18.8	7.80	0.846	0.80	3.25	78.7	" "
Sample	30	1625	—	35.60	—	—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ 1625 on 7/15/2025									Cond - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTOC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units			

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>7/15/2025</u>			Time: <u>1305</u>			
Field Personnel: <u>Thomas Casy</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>05R</u>					Well Development Well Volume Approach Sampling				Low-Flow / Low Stress Sampling Other (Specify): Low Flow			
Casing ID: _____ Inches					YSI SERIAL NO: <u>218051</u> Heron Serial NO: <u>25962</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>1305</u>	—	<u>41.70</u>	—	—	—	—	—	—	—	—
Purge	5	<u>1310</u>	<u>1/4</u>	<u>41.70</u>	—	<u>19.6</u>	<u>7.93</u>	<u>0.797</u>	<u>1.96</u>	<u>2.37</u>	<u>84.2</u>	<u>Clear</u>
	10	<u>1315</u>	<u>1/4</u>	<u>41.70</u>	—	<u>18.9</u>	<u>7.93</u>	<u>0.796</u>	<u>1.22</u>	<u>2.27</u>	<u>86.1</u>	<u>" "</u>
	15	<u>1320</u>	<u>1/4</u>	<u>41.70</u>	—	<u>19.0</u>	<u>7.94</u>	<u>0.797</u>	<u>1.05</u>	<u>2.30</u>	<u>78.3</u>	<u>" "</u>
*****	20	<u>1325</u>	<u>1/2</u>	<u>41.70</u>	—	<u>19.0</u>	<u>7.93</u>	<u>0.797</u>	<u>0.96</u>	<u>2.43</u>	<u>76.1</u>	<u>" "</u>
	25	<u>1330</u>	<u>1</u>	<u>41.70</u>	—	<u>18.9</u>	<u>7.93</u>	<u>0.797</u>	<u>0.82</u>	<u>2.16</u>	<u>74.1</u>	<u>" "</u>
↓	30	<u>1335</u>	<u>1 1/4</u>	<u>41.70</u>	—	<u>18.9</u>	<u>7.92</u>	<u>0.796</u>	<u>0.82</u>	<u>2.35</u>	<u>72.5</u>	<u>" "</u>
Sample	35	<u>1340</u>	—	—	—	—	—	—	—	—	—	—
	40		—	—	—	—	—	—	—	—	—	—
	45		—	—	—	—	—	—	—	—	—	—
	50		—	—	—	—	—	—	—	—	—	—
	55		—	—	—	—	—	—	—	—	—	—
	60		—	—	—	—	—	—	—	—	—	—
NOTES (continued)								ABBREVIATIONS				
Sampled @ <u>1340</u> on <u>7/15/2025</u>								Cond - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTDC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units				
<u>MSMSD</u>												

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer						
Project Number: <u>2024.1111</u>			Task #: _____			Start Date: <u>7/15/2025</u>			Time: <u>1150</u>			
Field Personnel: <u>Thomas Cossy</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>05DR</u>					Well Development							
Casing ID: _____ Inches					Well Volume Approach Sampling							
					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>28054</u> Heron (Specify): Low Flow Serial NO: <u>25962</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>1150</u>	—	<u>41.80</u>	—	—	—	—	—	—	—	—
Purge	5	<u>1155</u>	<u>1/4</u>	<u>41.80</u>	—	<u>20.9</u>	<u>7.73</u>	<u>0.805</u>	<u>5.76</u>	<u>1.46</u>	<u>90.2</u>	<u>1164</u>
	10	<u>1200</u>	<u>1/4</u>	<u>41.80</u>	—	<u>21.1</u>	<u>7.71</u>	<u>0.807</u>	<u>3.33</u>	<u>1.51</u>	<u>85.4</u>	<u>1164</u>
	15	<u>1205</u>	<u>1/4</u>	<u>41.80</u>	—	<u>21.2</u>	<u>7.71</u>	<u>0.806</u>	<u>2.33</u>	<u>1.40</u>	<u>78.9</u>	<u>1164</u>
*****	20	<u>1210</u>	<u>1/2</u>	<u>41.80</u>	—	<u>20.7</u>	<u>7.71</u>	<u>0.804</u>	<u>2.04</u>	<u>1.55</u>	<u>74.1</u>	<u>1164</u>
	25	<u>1215</u>	<u>1/2</u>	<u>41.80</u>	—	<u>19.4</u>	<u>7.73</u>	<u>0.806</u>	<u>1.53</u>	<u>1.53</u>	<u>68.7</u>	<u>1164</u>
	30	<u>1220</u>	<u>3/4</u>	<u>41.80</u>	—	<u>18.8</u>	<u>7.71</u>	<u>0.794</u>	<u>1.09</u>	<u>1.84</u>	<u>65.5</u>	<u>1164</u>
	35	<u>1225</u>	<u>1</u>	<u>41.80</u>	—	<u>18.6</u>	<u>7.70</u>	<u>0.792</u>	<u>0.93</u>	<u>1.43</u>	<u>64.6</u>	<u>1164</u>
	40	<u>1230</u>	<u>1 1/4</u>	<u>41.80</u>	—	<u>18.6</u>	<u>7.69</u>	<u>0.791</u>	<u>0.94</u>	<u>1.51</u>	<u>63.4</u>	<u>1164</u>
	45	<u>1235</u>	<u>1 1/2</u>	<u>41.80</u>	—	<u>18.5</u>	<u>7.68</u>	<u>0.790</u>	<u>0.95</u>	<u>1.60</u>	<u>63.1</u>	<u>1164</u>
Sample	50	<u>1240</u>	—	<u>41.80</u>	—	—	—	—	—	—	—	—
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sampled @ 124 on 7/15/2025								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific				
								FT BTQC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units				

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>7/17/2025</u>		Time: <u>1015</u>						
Field Personnel: <u>G. Amally</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>09</u>					Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>223233</u> Heron			
Casing ID: _____ Inches					Well Volume Approach Sampling		(Specify): Low Flow		Serial NO: <u>202915</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>1015</u>	—	<u>68.99</u>	—	—	—	—	—	—	—	—
Purge	5	1030	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	—	—
	15	<u>1035</u>	<u>1</u>	<u>69.00</u>	<u>12.4</u>	<u>12.4</u>	<u>6.78</u>	<u>977</u>	<u>5.80</u>	<u>10.74</u>	<u>204.3</u>	<u>Clear</u>
*****	20	<u>1040</u>	<u>1.5</u>	<u>69.00</u>	<u>12.4</u>	<u>12.3</u>	<u>6.76</u>	<u>976</u>	<u>5.82</u>	<u>7.85</u>	<u>204.5</u>	<u>" "</u>
	25	<u>1045</u>	<u>2</u>	<u>69.01</u>	<u>12.4</u>	<u>12.2</u>	<u>6.76</u>	<u>974</u>	<u>5.92</u>	<u>7.02</u>	<u>205.8</u>	<u>" "</u>
↓	30	<u>1050</u>	<u>2.5</u>	<u>68.99</u>	<u>12.4</u>	<u>12.1</u>	<u>6.76</u>	<u>970</u>	<u>5.78</u>	<u>4.32</u>	<u>206.8</u>	<u>" "</u>
Sample	35	<u>1055</u>	—	—	—	—	—	—	—	—	—	—
	40	—	—	—	—	—	—	—	—	—	—	—
	45	—	—	—	—	—	—	—	—	—	—	—
	50	—	—	—	—	—	—	—	—	—	—	—
	55	—	—	—	—	—	—	—	—	—	—	—
	60	—	—	—	—	—	—	—	—	—	—	—
NOTES (continued)								ABBREVIATIONS				
7 Sampled @ 1055 on 7/17/2025								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTOC - Feet Below Top of Casing no. - Not Electrical Conductance SU - Standard Units				

Time gap for equipment troubleshooting

7 sample @ 1055 on 7/17/25

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 <u>Portable Bladder</u> Bailor								
Project Number: 2024.1111		Task #:		Start Date: <u>7/17/2025</u>		Time: <u>1245</u>						
Field Personnel: <u>G. Rasmussen</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>08</u>					Well Development Well Volume Approach Sampling							
Casing ID: _____ Inches					Low-Flow / Low Stress Sampling Other (Specify): Low Flow							
					YSI SERIAL NO: <u>223333</u> Heron Serial NO: <u>202915</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>1255</u>	<u>—</u>	<u>53.05</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Purge	5	<u>1300</u>	<u>0.5</u>	<u>53.00</u>	<u>—</u>	<u>14.6</u>	<u>6.88</u>	<u>1508</u>	<u>1.21</u>	<u>4.72</u>	<u>170.7</u>	<u>1.2M</u>
	10	<u>1305</u>	<u>2.0</u>	<u>53.01</u>	<u>—</u>	<u>14.3</u>	<u>6.78</u>	<u>1510</u>	<u>0.73</u>	<u>7.42</u>	<u>173.2</u>	<u>" "</u>
	15	<u>1310</u>	<u>3.0</u>	<u>53.00</u>	<u>—</u>	<u>14.2</u>	<u>6.75</u>	<u>1513</u>	<u>0.72</u>	<u>3.40</u>	<u>173.0</u>	<u>" "</u>
***** Sample	20	<u>1315</u>	<u>4.5</u>	<u>53.00</u>	<u>—</u>	<u>14.2</u>	<u>6.75</u>	<u>1513</u>	<u>0.75</u>	<u>6.72</u>	<u>172.5</u>	<u>" "</u>
	25	<u>1320</u>	<u>—</u>	<u>53.00</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			
<u>08</u> Sampled @ <u>1326</u> on <u>7/17/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific			
									FT BTQC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units			

08 sampled @ 1320
7/17/25

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: <u>2024.1111</u>			Task #: _____			Start Date: <u>7/17/2025</u>			Time: <u>0800</u>			
Field Personnel: <u>George Asally</u>												
WELL INFORMATION						EVENT TYPE						
Well ID: <u>6312</u> Casing ID: _____ Inches						Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: <u>22373</u> Heron Serial NO: <u>202915</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>0810</u>	—	<u>54.31</u>	—	—	—	—	—	—	—	—
Purge	5	<u>0815</u>	—	—	—	<u>19.10</u>	<u>7.07</u>	<u>1711</u>	<u>8.20</u>	<u>10.39</u>	<u>182.0</u>	<u>Clear</u>
	10	<u>0820</u>	—	—	—	<u>18.8</u>	<u>7.07</u>	<u>1737</u>	<u>8.40</u>	<u>9.34</u>	<u>180.7</u>	<u>" "</u>
	15	<u>0825</u>	—	<u>54.33</u>	—	<u>17.3</u>	<u>6.65</u>	<u>1847</u>	<u>8.20</u>	<u>7.60</u>	<u>181.2</u>	—
*****	20	<u>0830</u>	—	—	—	<u>16.7</u>	<u>6.51</u>	<u>1793</u>	<u>2.14</u>	<u>5.65</u>	<u>178.8</u>	<u>" "</u>
	25	<u>0835</u>	—	—	—	<u>16.6</u>	<u>6.50</u>	<u>1773</u>	<u>1.72</u>	<u>4.46</u>	<u>175.3</u>	<u>" "</u>
	30	<u>0900</u>	—	—	—	<u>16.0</u>	<u>6.49</u>	<u>1776</u>	<u>1.32</u>	<u>7.62</u>	<u>172.8</u>	<u>" "</u>
	35	<u>0905</u>	—	—	—	<u>15.9</u>	<u>6.48</u>	<u>1767</u>	<u>1.17</u>	<u>4.32</u>	<u>170.7</u>	<u>" "</u>
sample	45	<u>0915</u>	—	—	—	<u>15.9</u>	<u>6.48</u>	<u>1777</u>	<u>1.20</u>	<u>5.07</u>	<u>168.4</u>	<u>" "</u>
	50	—	—	—	—	—	—	—	—	—	—	—
	55	—	—	—	—	—	—	—	—	—	—	—
	60	—	—	—	—	—	—	—	—	—	—	—
NOTES (continued)									ABBREVIATIONS			
Sampled @ _____ on <u>7/17/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTOC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units			
Time gap due to equipment troubleshooting												

08D
Sample @ 0915 7/17/25

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>7/17/2025</u>		Time: <u>1110</u>								
Field Personnel: <u>Thomas Casey</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>10</u>					Well Development									
Casing ID: _____ Inches					Well Volume Approach Sampling									
					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>218054</u> Heron (Specify): Low Flow Serial NO: <u>25962</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>11:10</u>	<u>—</u>	<u>50.78</u>	<u>—</u>							<u>Clear</u>		
Purge	5	<u>11:15</u>	<u>1/4</u>	<u>50.78</u>	<u>0</u>	<u>19.4</u>	<u>7.25</u>	<u>0.850</u>	<u>2.98</u>	<u>0.78</u>	<u>109.5</u>	<u>Clear</u>		
	10	<u>11:20</u>	<u>1/2</u>	<u>50.78</u>	<u>0</u>	<u>19.5</u>	<u>7.19</u>	<u>0.848</u>	<u>1.30</u>	<u>1.79</u>	<u>108.2</u>	<u>Clear</u>		
	15	<u>11:25</u>	<u>1</u>	<u>50.78</u>	<u>0</u>	<u>19.4</u>	<u>7.16</u>	<u>0.847</u>	<u>0.78</u>	<u>100.77</u>	<u>106.0</u>	<u>Clear</u>		
*****	20	<u>11:30</u>	<u>1 1/2</u>	<u>50.78</u>	<u>0</u>	<u>19.4</u>	<u>7.15</u>	<u>0.846</u>	<u>0.65</u>	<u>0.85</u>	<u>104.1</u>	<u>Clear</u>		
	25	<u>11:35</u>		<u>50.78</u>	<u>0</u>	<u>19.4</u>	<u>7.15</u>	<u>0.846</u>	<u>0.60</u>	<u>0.84</u>	<u>102.4</u>	<u>Clear</u>		
	30													
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1140</u> on <u>7/17/2025</u>									Cond - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC - Specific	
									FT BTOC - Feet Below Top of Casing na - Not				Electrical Conductance SU - Standard Units	

04P @ 1145

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer									
Project Number: <u>2024.1111</u>		Task #: _____		Start Date: <u>7/16/2025</u>		Time: <u>1430</u>							
Field Personnel: <u>Thomas Casey</u>													
WELL INFORMATION					EVENT TYPE								
Well ID: <u>12</u> Casing ID: _____ Inches					Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow					YSI SERIAL NO: <u>213054</u> Heron Serial NO: <u>25962</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>1430</u>	<u>—</u>	<u>51.50</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>Clear</u>	
Purge	5	<u>1435</u>	<u>1.4</u>	<u>51.50</u>	<u>0</u>	<u>19.2</u>	<u>7.42</u>	<u>0.779</u>	<u>2.70</u>	<u>0.48</u>	<u>107.9</u>	<u>Clear</u>	
	10	<u>1440</u>	<u>1.2</u>	<u>51.50</u>	<u>0</u>	<u>19.1</u>	<u>7.40</u>	<u>0.774</u>	<u>1.06</u>	<u>0.69</u>	<u>105.1</u>	<u>Clear</u>	
	15	<u>1445</u>	<u>3.4</u>	<u>51.50</u>	<u>0</u>	<u>19.2</u>	<u>7.39</u>	<u>0.772</u>	<u>0.75</u>	<u>0.75</u>	<u>102.0</u>	<u>Clear</u>	
*****	20	<u>1450</u>	<u>1</u>	<u>51.50</u>	<u>0</u>	<u>19.2</u>	<u>7.39</u>	<u>0.771</u>	<u>0.60</u>	<u>0.76</u>	<u>98.5</u>	<u>Clear</u>	
↓	25	<u>1455</u>	<u>1.4</u>	<u>51.50</u>	<u>0</u>	<u>19.2</u>	<u>7.39</u>	<u>0.771</u>	<u>0.55</u>	<u>0.75</u>	<u>95.0</u>	<u>Clear</u>	
Sample	30	<u>1500</u>											
	35												
	40												
	45												
	50												
	55												
	60												
NOTES (continued)								ABBREVIATIONS					
Sampled @ <u>1500</u> on <u>7/16/</u> 2025								Cond. - Actual Conductivity FT BTDC - Feet Below Top of Casing na - Not ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units					

★ 51.50' was depth to top of bladder, no water was detected via heron

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: Hennepin		Client: Vistra		Sampling Equipment Used (Circle One):									
Project Number: 2024.1111		Task #:		Start Date: 7/16/2025		Time: 1240		☒ Dedicated Bladder ☐ Peristaltic Pump ☐ Portable Bladder ☐ Bailer					
Field Personnel: Thomas Casey													
WELL INFORMATION				EVENT TYPE									
Well ID: 13				Well Development					Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: 218054 Heron Serial NO: 25962
Casing ID: Inches				Well Volume Approach Sampling					(Specify): Low Flow				
WATER QUALITY INDICATOR PARAMETERS (continued)													
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 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	1240	—	51.50	—	—	—	—	—	—	—	Clear	
Purge	5	1245	1/4	51.50	0	20.5	7.30	0.780	2.57	1.30	90.5	Clear	
	10	1250	1/2	51.50	0	20.2	7.34	0.783	2.12	1.02	84.5	Clear	
	15	1255	3/4	51.50	0	20.1	7.38	0.784	1.45	1.12	79.6	Clear	
*****	20	1300	1	51.50	0	19.9	7.40	0.782	1.20	1.06	76.3	Clear	
	25	1305	1 1/2	51.50	0	20.0	7.41	0.782	1.05	1.09	74.5	Clear	
	30	1310	1 3/4	51.50	0	19.9	7.41	0.781	0.95	0.93	72.7	Clear	
sample	35	1315	2	51.50	0	19.9	7.42	0.781	0.89	0.82	71.7	Clear	
	40	1320											
	45												
	50												
	55												
	60												
NOTES (continued)								ABBREVIATIONS					
Sampled @ 1320 on 7/16 / 2025								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTOC - Feet Below Top of Casing ris - Not Electrical Conductance SU - Standard Units					

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>7 / 17 / 2025</u>		Time: <u>0855</u>								
Field Personnel: <u>Thomas Casey</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>16</u>				Well Development					Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>218054</u> <u>Heron</u> Serial NO: <u>25962</u>	
Casing ID: _____ Inches				Well Volume Approach Sampling					(Specify): Low Flow					
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 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>0855</u>	<u>—</u>	<u>54.4</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>Clear</u>		
Purge	5	<u>0900</u>	<u>114</u>	<u>54.4</u>	<u>0</u>	<u>22.1</u>	<u>7.32</u>	<u>0.849</u>	<u>4.96</u>	<u>1.14</u>	<u>64.3</u>	<u>Clear</u>		
	10	<u>0905</u>	<u>114</u>	<u>54.4</u>	<u>0</u>	<u>22.6</u>	<u>7.34</u>	<u>0.801</u>	<u>1.73</u>	<u>1.17</u>	<u>70.2</u>	<u>Clear</u>		
	15	<u>0910</u>	<u>112</u>	<u>54.4</u>	<u>0</u>	<u>23.1</u>	<u>7.35</u>	<u>0.798</u>	<u>1.05</u>	<u>1.19</u>	<u>75.9</u>	<u>Clear</u>		
*****	20	<u>0915</u>	<u>314</u>	<u>54.4</u>	<u>0</u>	<u>23.2</u>	<u>7.35</u>	<u>0.794</u>	<u>0.73</u>	<u>1.13</u>	<u>76.9</u>	<u>Clear</u>		
	25	<u>0920</u>	<u>1</u>	<u>54.4</u>	<u>0</u>	<u>23.2</u>	<u>7.35</u>	<u>0.793</u>	<u>0.59</u>	<u>0.74</u>	<u>76.4</u>	<u>Clear</u>		
↓	30	<u>0925</u>	<u>1112</u>	<u>54.4</u>	<u>0</u>	<u>23.2</u>	<u>7.35</u>	<u>0.791</u>	<u>0.54</u>	<u>0.83</u>	<u>75.0</u>	<u>Clear</u>		
sample	35	<u>0930</u>												
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>0930</u> on <u>7 / 17 / 2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC - Specific	
									FT BTOC - Feet Below Top of Casing na - Not				Electrical Conductance SU - Standard Units	

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>7/16/2025</u>		Time: <u>1530</u>										
Field Personnel: <u>G. Arsalany</u>																
WELL INFORMATION					EVENT TYPE											
Well ID: <u>17</u>					Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>227333</u> Heron							
Casing ID: _____ Inches					Well Volume Approach Sampling		(Specify): Low Flow		Serial NO: <u>202915</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>1538</u>	—	<u>54.87</u>	—	—	—	—	—	—	—	—				
Purge	5	<u>1540</u>	<u>0.5</u>	<u>54.87</u>		<u>23.4</u>	<u>7.36</u>	<u>884</u>	<u>5.92</u>	<u>3.72</u>	<u>137.8</u>	<u>Clear</u>				
	10	<u>1545</u>	<u>1</u>	<u>54.87</u>		<u>23.0</u>	<u>7.23</u>	<u>880</u>	<u>5.96</u>	<u>4.72</u>	<u>137.1</u>	<u>" "</u>				
	15	<u>1550</u>	<u>1</u>	<u>54.86</u>		<u>16.8</u>	<u>7.50</u>	<u>792</u>	<u>3.98</u>	<u>5.64</u>	<u>121.7</u>	<u>" "</u>				
*****	20	<u>1555</u>	<u>1.5</u>	<u>54.86</u>		<u>16.9</u>	<u>7.46</u>	<u>789</u>	<u>4.02</u>	<u>7.02</u>	<u>129.4</u>	<u>" "</u>				
↓	25	<u>1600</u>	<u>2</u>	<u>54.86</u>		<u>16.8</u>	<u>7.46</u>	<u>787</u>	<u>4.10</u>	<u>9.78</u>	<u>129.0</u>	<u>" "</u>				
Sample	30	<u>1605</u>	—	<u>54.86</u>	—											
	35															
	40															
	45															
	50															
	55															
	60															
NOTES (continued)									ABBREVIATIONS							
<u>17</u> Sampled @ <u>1605</u> on <u>7/16/2025</u>									Cond - Actual Conductivity				ORP - Oxidation-Reduction Potential		SEC - Specific	
									FT BTOP - Feet Below Top of Casing na - Not				Electrical Conductance SU - Standard Units			

17 Sampled @ 1605 on 7/16/25

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>7/15/2025</u>		Time: <u>0830</u>								
Field Personnel: <u>Thomas Lotay</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>183</u>					Well Development									
Casing ID: _____ Inches					Well Volume Approach Sampling									
					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>218054</u> Heron (Specify): Low Flow Serial NO: <u>25462</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>0830</u>	—	<u>41.20</u>	—	—	—	—	—	<u>2.68</u>	—	—		
Purge	5	<u>0835</u>	<u>1/4</u>	<u>41.20</u>	<u>0</u>	<u>18.0</u>	<u>7.56</u>	<u>0.837</u>	<u>1.98</u>	<u>2.32</u>	<u>112.9</u>	<u>Clear</u>		
	10	<u>0840</u>	<u>1/4</u>	<u>41.20</u>	<u>0</u>	<u>18.0</u>	<u>7.57</u>	<u>0.837</u>	<u>1.64</u>	<u>2.32</u>	<u>111.1</u>	" "		
	15	<u>0845</u>	<u>1/2</u>	<u>41.20</u>	<u>0</u>	<u>18.0</u>	<u>7.59</u>	<u>0.836</u>	<u>1.18</u>	<u>2.34</u>	<u>106.5</u>	" "		
*****	20	<u>0850</u>	<u>1</u>	<u>41.20</u>	<u>0</u>	<u>18.1</u>	<u>7.60</u>	<u>0.836</u>	<u>0.93</u>	<u>2.37</u>	<u>102.3</u>	" "		
	25	<u>0855</u>	<u>1 1/4</u>	<u>41.20</u>	<u>0</u>	<u>18.1</u>	<u>7.60</u>	<u>0.835</u>	<u>0.86</u>	<u>2.24</u>	<u>100.7</u>	" "		
↓	30	<u>0900</u>	<u>1 1/2</u>	<u>41.20</u>	<u>0</u>	<u>18.2</u>	<u>7.60</u>	<u>0.835</u>	<u>0.83</u>	<u>2.15</u>	<u>99.1</u>	" "		
Sample	35	<u>0905</u>	—	<u>41.20</u>	—	—	—	—	—	—	—	—		
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>0905</u> on <u>7/15/2025</u>									Cond - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC - Specific	
									FT BTOC - Feet Below Top of Casing no. Not				Electrical Conductance SU - Standard Units	

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>7/15/2025</u>		Time: <u>0940</u>						
Field Personnel: <u>Thomas Gandy</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>18D</u>					Well Development		Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>21805-1</u> Heron		
Casing ID: _____ Inches					Well Volume Approach Sampling		(Specify): <u>Low Flow</u>			Serial NO: <u>25262</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>0940</u>	—	<u>41.40</u>	—	—	—	—	—	—	—	—
Purge	5	<u>0945</u>	<u>1/4</u>	<u>41.40</u>	—	<u>18.3</u>	<u>7.40</u>	<u>0.853</u>	<u>3.67</u>	<u>2.61</u>	<u>84.7</u>	<u>Clear</u>
	10	<u>0950</u>	<u>1/4</u>	<u>41.40</u>	—	<u>18.4</u>	<u>7.40</u>	<u>0.854</u>	<u>1.26</u>	<u>1.83</u>	<u>67.5</u>	<u>" "</u>
	15	<u>0955</u>	<u>1/4</u>	<u>41.40</u>	—	<u>18.4</u>	<u>7.39</u>	<u>0.851</u>	<u>0.93</u>	<u>2.43</u>	<u>47.9</u>	<u>" "</u>
*****	20	<u>1000</u>	<u>1/2</u>	<u>41.40</u>	—	<u>18.5</u>	<u>7.33</u>	<u>0.850</u>	<u>0.86</u>	<u>3.55</u>	<u>28.1</u>	<u>" "</u>
	25	<u>1005</u>	<u>1</u>	<u>41.40</u>	—	<u>18.6</u>	<u>7.36</u>	<u>0.851</u>	<u>0.79</u>	<u>4.03</u>	<u>16.6</u>	<u>" "</u>
	30	<u>1010</u>	<u>1 1/4</u>	<u>41.40</u>	—	<u>18.6</u>	<u>7.36</u>	<u>0.850</u>	<u>0.74</u>	<u>4.90</u>	<u>13.2</u>	<u>" "</u>
↓	35	<u>1015</u>	<u>1 1/2</u>	<u>41.40</u>	—	<u>18.6</u>	<u>7.37</u>	<u>0.851</u>	<u>0.75</u>	<u>7.26</u>	<u>11.2</u>	<u>" "</u>
Sample	40	<u>1020</u>	—	—	—	—	—	—	—	—	—	—
Sample	45	<u>1025</u>	—	—	—	—	—	—	—	—	—	—
	50	—	—	—	—	—	—	—	—	—	—	—
	55	—	—	—	—	—	—	—	—	—	—	—
	60	—	—	—	—	—	—	—	—	—	—	—
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>1020</u> on <u>7/15/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTOC - Feet Below Top of Casing ris. - Not Electrical Conductance SU - Standard Units			

18D Duplicate @ 1025

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer										
Project Number: 2024.1111		Task #: _____		Start Date: <u>7/15/2025</u>		Time: <u>1430</u>								
Field Personnel: <u>G. Asaling</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>21R</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>23333</u> Heron	
Casing ID: _____ Inches					Well Volume Approach Sampling				(Specify): Low Flow				Serial NO: <u>202915</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>1435</u>		<u>6.59</u>										
Purge	5	<u>1440</u>	<u>0.5</u>	<u>6.41</u>		<u>16.6</u>	<u>7.73</u>	<u>815</u>	<u>1.10</u>	<u>9.22</u>	<u>37.0</u>	<u>Clear</u>		
	10	<u>1445</u>	<u>0.5</u>	<u>6.41</u>		<u>15.5</u>	<u>7.59</u>	<u>867</u>	<u>0.42</u>	<u>9.73</u>	<u>33.1</u>	<u>" "</u>		
	15	<u>1450</u>	<u>1.0</u>	<u>6.65</u>		<u>15.3</u>	<u>7.57</u>	<u>863</u>	<u>0.43</u>	<u>15.15</u>	<u>-85.3</u>	<u>" "</u>		
*****	20	<u>1455</u>	<u>2</u>	<u>6.61</u>		<u>15.2</u>	<u>7.40</u>	<u>889</u>	<u>0.36</u>	<u>31.10</u>	<u>-1310.3</u>	<u>" "</u>		
	25	<u>1500</u>	<u>3</u>	<u>6.59</u>		<u>15.1</u>	<u>7.48</u>	<u>972</u>	<u>0.41</u>	<u>39.03</u>	<u>-165.5</u>	<u>" "</u>		
	30	<u>1505</u>	<u>4</u>	<u>6.69</u>		<u>15.1</u>	<u>7.50</u>	<u>982</u>	<u>0.37</u>	<u>39.03</u>	<u>-171.2</u>	<u>" "</u>		
	35	<u>1510</u>	<u>4.5</u>	<u>6.68</u>		<u>15.0</u>	<u>7.52</u>	<u>986</u>	<u>0.34</u>	<u>3.03</u>	<u>-174.2</u>	<u>" "</u>		
Sample	40	<u>1515</u>	<u>4.5</u>	<u>6.63</u>										
	45										<u>7.42</u>			
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
<u>21R</u> Sampled @ <u>1515</u> on <u>7/15/2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC - Specific	
									FT BTDC - Feet Below Top of Casing na - Not				Electrical Conductance SU - Standard Units	

21R sampled @ 1515 on 7/15/25

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: 2024.1111		Task #:		Start Date: <u>7/16/2025</u>		Time: <u>1445</u>							
Field Personnel: <u>C. Arslan</u>													
WELL INFORMATION					EVENT TYPE								
Well ID: <u>22</u>					Well Development Well Volume Approach Sampling				Low-Flow / Low Stress Sampling Other (Specify): Low Flow				YSI SERIAL NO: <u>22338</u> Heron Serial NO: <u>202915</u>
Casing ID: Inches													
WATER QUALITY INDICATOR PARAMETERS (continued)													
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 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	<u>145.0</u>	145.0		<u>19.05</u>									
Purge	<u>1450.5</u>	1450.5	<u>0.5</u>			<u>16.3</u>	<u>7.84</u>	<u>969</u>	<u>0.98</u>	<u>3.45</u>	<u>128.1</u>	<u>C10.00</u>	
	<u>1455.10</u>	1455.10	<u>1</u>	<u>19.05</u>		<u>16.3</u>	<u>7.85</u>	<u>907</u>	<u>0.62</u>	<u>5.12</u>	<u>129.7</u>	<u>L12.00</u>	
	<u>15</u>	<u>1500</u>	<u>1.5</u>	<u>19.02</u>		<u>16.3</u>	<u>7.78</u>	<u>900</u>	<u>0.45</u>	<u>8.72</u>	<u>126.5</u>	<u>" "</u>	
*****	<u>20</u>	<u>1503</u>	<u>2</u>	<u>19.00</u>		<u>16.3</u>	<u>7.73</u>	<u>900</u>	<u>0.35</u>	<u>9.84</u>	<u>122.10</u>	<u>" "</u>	
↓	<u>25</u>	<u>1510</u>	<u>2.5</u>	<u>19.02</u>		<u>16.4</u>	<u>7.73</u>	<u>900</u>	<u>0.37</u>	<u>6.52</u>	<u>117.9</u>	<u>" "</u>	
Sample	<u>30</u>	<u>1515</u>	<u>3</u>	<u>19.04</u>									
	35												
	40												
	45												
	50												
	55												
	60												
NOTES (continued)									ABBREVIATIONS				
Sampled @ on <u>7</u> / / 2025									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTOC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units				

22 sampled @ 1515 on 7/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Indicated Bladder</u> Peristaltic Pump Portable Bladder Bailer							
Project Number: <u>2024.1111</u>			Task #: _____			Start Date: <u>7/16/2025</u>		Time: <u>1240</u>					
Field Personnel: <u>G. Axallmy</u>													
WELL INFORMATION					EVENT TYPE								
Well ID: <u>220</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>233233</u> Heron
Casing ID: _____ Inches					Well Volume Approach Sampling				(Specify): Low Flow				Serial NO: <u>202915</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>19.69</u>	—	—	—	—	—	—	—	—	
Purge	5	<u>1250</u>	<u>0.5</u>	<u>20.03</u>	—	<u>16.8</u>	<u>7.38</u>	<u>990</u>	<u>0.42</u>	<u>4.69</u>	<u>-112.6</u>	<u>Clear</u>	
	10	<u>1253</u>	<u>0.5</u>	<u>19.95</u>	—	<u>16.9</u>	<u>7.36</u>	<u>989</u>	<u>0.37</u>	<u>5.16</u>	<u>122.3</u>	<u>→</u>	
	15	<u>1300</u>	<u>1.5</u>	<u>20.02</u>	—	<u>16.8</u>	<u>7.35</u>	<u>984</u>	<u>0.41</u>	<u>8.62</u>	<u>-121.0</u>	<u>→</u>	
*****	20	<u>1305</u>	<u>2</u>	<u>19.99</u>	—	<u>16.8</u>	<u>7.35</u>	<u>984</u>	<u>0.41</u>	<u>8.62</u>	<u>-121.0</u>	<u>→</u>	
Sample	25	<u>1310</u>	—	<u>19.98</u>	—	—	—	—	—	—	—	—	
	30												
	35												
	40												
	45												
	50												
	55												
	60												
NOTES (continued)									ABBREVIATIONS				
Sampled @ <u>1310</u> on <u>7/16/2025</u>									Cond - Actual Conductivity FT BTOC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units				
									ORP - Oxidation-Reduction Potential SEC - Specific				

Sampled @ 1310 on 7/16/25

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 Bailor										
Project Number: <u>2024.1111</u>		Task #: _____		Start Date: <u>7/16/2025</u>		Time: <u>1200</u>								
Field Personnel: <u>G. Asally</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>23</u>					Well Development		Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>223383</u> Heron				
Casing ID: _____ Inches					Well Volume Approach Sampling		(Specify): Low Flow			Serial NO: <u>202915</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>1205</u>	—	<u>17</u>	—	—	—	—	—	—	—	—		
Purge	5	<u>1210</u>	<u>0.5</u>	<u>17.54</u>	—	<u>13.9</u>	<u>7.56</u>	<u>1076</u>	<u>1.96</u>	<u>4.11</u>	<u>24.4</u>	<u>Clear</u>		
	10	<u>1215</u>	<u>1</u>	<u>17.62</u>	—	<u>13.8</u>	<u>7.53</u>	<u>1071</u>	<u>0.42</u>	<u>4.72</u>	<u>-130.5</u>	<u>↑</u>		
	15	<u>1220</u>	<u>1</u>	<u>17.80</u>	—	<u>13.9</u>	<u>7.53</u>	<u>1070</u>	<u>0.35</u>	<u>7.62</u>	<u>-129.5</u>	<u>↑</u>		
V	20	<u>1225</u>	<u>1.5</u>	<u>17.50</u>	—	<u>13.8</u>	<u>7.53</u>	<u>1071</u>	<u>0.34</u>	<u>5.32</u>	<u>-125.7</u>	<u>↑</u>		
<u>Sample</u>	25	<u>1230</u>	—	<u>17.34</u>	—	—	—	—	—	—	—	—		
	30													
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)								ABBREVIATIONS						
<u>23</u> Sampled @ <u>1230</u> on <u>7/16/2025</u>								Cond. - Actual Conductivity					ORP - Oxidation-Reduction Potential SEC - Specific	
								FT BTDC - Feet Below Top of Casing (ft - Not					Electrical Conductance SU - Standard Units	

23 sampled @ 1230 on 7/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION																
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer												
Project Number: <u>2024.1111</u>		Task #: _____		Start Date: <u>7/15/2025</u>		Time: <u>1215</u>										
Field Personnel: <u>B. Assaliny</u>																
WELL INFORMATION					EVENT TYPE											
Well ID: <u>25</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>72335</u> Heron			
Casing ID: _____ Inches					Well Volume Approach Sampling				(Specify): Low Flow				Serial NO: <u>202915</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>4.75</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>				
Purge	5	<u>1225</u>	<u>0.5</u>	<u>4.78</u>	<u>—</u>	<u>13.8</u>	<u>7.60</u>	<u>959</u>	<u>0.94</u>	<u>29.06</u>	<u>-27.5</u>	<u>Clear</u>				
	10	<u>1230</u>	<u>0.5</u>	<u>4.75</u>	<u>—</u>	<u>13.8</u>	<u>7.44</u>	<u>958</u>	<u>0.52</u>	<u>29.24</u>	<u>-46.4</u>	<u>—</u>				
	15	<u>1235</u>	<u>0.5</u>	<u>4.78</u>	<u>—</u>	<u>13.8</u>	<u>7.42</u>	<u>958</u>	<u>0.48</u>	<u>44.38</u>	<u>-52.7</u>	<u>—</u>				
*****	20	<u>1240</u>	<u>1</u>	<u>4.75</u>	<u>—</u>	<u>13.8</u>	<u>7.42</u>	<u>952</u>	<u>0.42</u>	<u>28.19</u>	<u>-56.5</u>	<u>—</u>				
	25	<u>1245</u>	<u>1.5</u>	<u>4.72</u>	<u>—</u>	<u>13.9</u>	<u>7.42</u>	<u>954</u>	<u>0.34</u>	<u>27.14</u>	<u>-58.8</u>	<u>—</u>				
↓	30	<u>1250</u>	<u>2</u>	<u>4.78</u>	<u>—</u>	<u>13.9</u>	<u>7.42</u>	<u>953</u>	<u>0.25</u>	<u>29.06</u>	<u>-60.0</u>	<u>—</u>				
Sample	35	<u>1255</u>	<u>2.5</u>	<u>4.78</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>				
	40															
	45															
	50															
	55															
	60															
NOTES (continued)									ABBREVIATIONS							
<u>27</u> Sampled @ <u>1255</u> on <u>7/15/2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential		SEC - Specific	
									FT BTDC - Feet Below Top of Casing na - Not				Electrical Conductance SU - Standard Units			

Sample 27 @ 1255 on 7/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer									
Project Number: <u>2024.1111</u>		Task #:		Start Date: <u>7/15/2025</u>		Time:							
Field Personnel: <u>G. Assalmy</u>				dbn 081425									
WELL INFORMATION				EVENT TYPE									
Well ID: <u>22</u>				Well Development					Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>223333</u> Heron
Casing ID: <u> </u> Inches				Well Volume Approach Sampling					(Specify): Low Flow				Serial NO: <u>202915</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>0</u>	<u>8.89</u>									
Purge	5	<u>1120</u>	<u>0.52</u>	<u>8.96</u>		<u>16.0</u>	<u>8.02</u>	<u>921</u>	<u>6.50</u>	<u>54.71</u>	<u>22.9</u>	<u>Clear</u>	
	10	<u>1125</u>	<u>1</u>	<u>8.82</u>		<u>14.4</u>	<u>7.38</u>	<u>894</u>	<u>0.51</u>	<u>27.11</u>	<u>30.9</u>	<u>" "</u>	
	15	<u>1130</u>	<u>2</u>			<u>13.8</u>	<u>7.35</u>	<u>883</u>	<u>0.72</u>	<u>26.38</u>	<u>33.9</u>	<u>" "</u>	
*****	20	<u>1135</u>	<u>2</u>			<u>14.0</u>	<u>7.34</u>	<u>888</u>	<u>0.41</u>	<u>34.42</u>	<u>37.7</u>	<u>" "</u>	
	25	<u>1140</u>	<u>2.5</u>	<u>8.92</u>		<u>14.0</u>	<u>7.33</u>	<u>887</u>	<u>0.42</u>	<u>36.70</u>	<u>40.0</u>	<u>" "</u>	
↓	30	<u>1145</u>	<u>3</u>	<u>8.92</u>		<u>14.0</u>	<u>7.33</u>	<u>888</u>	<u>0.45</u>	<u>35.46</u>	<u>41.80</u>	<u>" "</u>	
Sample	35	<u>1150</u>											
	40												
	45												
	50												
	55												
	60												
NOTES (continued)									ABBREVIATIONS				
Sampled @ <u>1150</u> on <u>7/15/2025</u> dbn 081425									Cond. - Actual Conductivity; ORP - Oxidation-Reduction Potential SEC - Specific FT BTCC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units				

2 Sample @ 1150 MSMSD

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: <u>Hennepin</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): Dedicated Bladder ☐ <u>Peristaltic Pump</u> ☒ Portable Bladder ☐ Bailer ☐							
Project Number: <u>2024.1111</u>			Task #: _____			Start Date: <u>7/15/2025</u>			Time: <u>1330</u>				
Field Personnel: <u>G. Asakung</u>													
WELL INFORMATION						EVENT TYPE							
Well ID: <u>34</u>						Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>22383</u> Heron	
Casing ID: _____ Inches						Well Volume Approach Sampling			(Specify): <u>Low Flow</u>			Serial NO: <u>202915</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>1340</u>	—	<u>9.71</u>	—	—	—	—	—	—	—	—	
Purge	5	<u>1345</u>	<u>0.5</u>	<u>9.78</u>	—	<u>13.0</u>	<u>7.18</u>	<u>1085</u>	<u>0.62</u>	<u>22.50</u>	<u>78.4</u>	<u>Clear</u>	
	10	<u>1350</u>	<u>1</u>	<u>9.76</u>	—	<u>13.4</u>	<u>7.11</u>	<u>1090</u>	<u>0.54</u>	<u>22.57</u>	<u>56.1</u>	<u>" "</u>	
	15	<u>1355</u>	<u>2</u>	<u>9.78</u>	—	<u>13.4</u>	<u>7.09</u>	<u>1090</u>	<u>0.46</u>	<u>29.28</u>	<u>-21.4</u>	<u>" "</u>	
*****	20	<u>1400</u>	<u>2.5</u>	<u>9.78</u>	—	<u>13.3</u>	<u>7.06</u>	<u>1102</u>	<u>0.49</u>	<u>28.74</u>	<u>-73.3</u>	<u>" "</u>	
	25	<u>1405</u>	<u>2.5</u>	<u>9.74</u>	—	<u>13.4</u>	<u>7.04</u>	<u>1154</u>	<u>0.32</u>	<u>27.99</u>	<u>-110.1</u>	<u>" "</u>	
	30	<u>1410</u>	<u>3</u>	<u>9.76</u>	—	<u>13.5</u>	<u>7.03</u>	<u>1160</u>	<u>0.31</u>	<u>26.94</u>	<u>-114.7</u>	<u>" "</u>	
↓	35	<u>1415</u>	<u>3.5</u>	<u>9.76</u>	—	<u>13.5</u>	<u>7.03</u>	<u>1164</u>	<u>0.34</u>	<u>26.42</u>	<u>-117.4</u>	<u>" "</u>	
Sample	40	<u>1420</u>	<u>4</u>	<u>9.79</u>	—	—	—	—	—	—	—	—	
	45												
	50												
	55												
	60												
NOTES (continued)									ABBREVIATIONS				
<u>34</u> Sampled @ <u>1420</u> on <u>7/15/2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential
									FT BTOC - Feet Below Top of Casing ns - Not				Electrical Conductance SU - Standard Units

34 Sample @ 1420 on 7/15

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer								
Project Number: <u>2024.1111</u>		Task #:		Start Date: <u>7/15/2025</u>		Time: <u>1325</u>						
Field Personnel: <u>G. Asseney</u>												
WELL INFORMATION						EVENT TYPE						
Well ID: <u>35</u>						Well Development		Low-Flow / Low Stress Sampling Other		YSI SERIAL NO: <u>223353</u> Heron		
Casing ID: _____ Inches						Well Volume Approach Sampling		(Specify): Low Flow		Serial NO: <u>202915</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	1530	—	8.81	—	—	—	—	—	—	—	—
Purge	5	1535	0.5	8.81	—	16.5	7.02	1538	0.52	27.45	29.7	Clear
↓	10	1540	0.5	8.81	—	16.5	6.92	1491	0.46	15.27	47.8	Clear
↓	15	1545	1	8.81	—	16.5	6.90	1506	0.35	15.19	51.9	" "
↓	20	1550	—	—	—	16.4	6.90	1501	0.33	15.99	54.1	" "
↓	25	1555	—	—	—	—	—	—	—	—	—	—
Sample	30	1555	—	8.71	—	—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
35 Sampled @ 1555 on 7/15/2025									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTOC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units			

35 Sampled @ 1555 on 7/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: Hennepin		Client: Vistra		Sampling Equipment Used (Circle One):									
Project Number: 2024.1111		Task #:		Start Date: 7/15/2025		Time: 1:55		☒ Dedicated Bladder ☐ Peristaltic Pump ☐ Portable Bladder ☐ Bailer					
Field Personnel: Thomas Casey													
WELL INFORMATION				EVENT TYPE									
Well ID: 405				Well Development					Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: 8054
Casing ID: Inches				Well Volume Approach Sampling					(Specify): Low Flow				Serial NO: 25462
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	1455	—	40.95	—	—	—	—	—	—	—	—	
Purge	5	1500	1/4	40.95	—	18.3	8.41	0.781	3.610	8.64	83.7	clear	
	10	1505	1/2	40.95	—	18.2	8.21	0.773	1.26	7.67	83.2	clear	
	15	1510	3/4	40.95	—	18.1	8.07	0.770	0.80	1.03	82.3	clear	
*****	20	1515	1	40.95	—	18.1	8.05	0.769	0.68	1.45	81.5	clear	
↓	25	1520	1 1/4	40.95	—	18.2	8.02	0.770	0.65	1.01	80.5	clear	
Sample	30	1525	—	—	—	—	—	—	—	—	—	—	
	35												
	40												
	45												
	50												
	55												
	60												
NOTES (continued)								ABBREVIATIONS					
Sampled @ 1525 on 7/15/2025								Cond. - Actual Conductivity FT BTDC - Feet Below Top of Casing (ie - Not ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units					

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: Hennepin		Client: Vistra		Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer								
Project Number: 2024.1111		Task #:		Start Date: 7/15/2025		Time: 0950						
Field Personnel: G. Ksally												
WELL INFORMATION					EVENT TYPE							
Well ID: 1455 455					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: 22333 Heron	
Casing ID: Inches					Well Volume Approach Sampling			(Specify): Low Flow			Serial NO: 202915	
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			20.95								
Purge	5	1008	0.5	21.00		21.9	7.14	937	6.82	1.04	116.8	Clear
	10	1005	0.5	21.85		18.7	7.11	1081	0.57	7.65	94.5	" "
	15	1010	0.5	20.99		18.7	7.11	999	0.47	9.59	94.5	" "
****	20	1015	1.5	21.00		18.6	7.12	1000	0.39	7.24	93.3	" "
Sample	25	1120										
	30											
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
455 Sampled @ 1120 on 7/15/2025								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTDC - Feet Below Top of Casing ns - Not Electrical Conductance SU - Standard Units				

455 sampled @ 1120 on 7/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: Hennepin		Client: Vistra		Sampling Equipment Used (Circle One):										
Project Number: 2024.1111		Task #:		Start Date: 7/16/2025		Time: 1530		☒ Dedicated Bladder ☐ Peristaltic Pump ☐ Portable Bladder ☐ Bailer						
Field Personnel: Thomas Casey														
WELL INFORMATION				EVENT TYPE										
Well ID: 46				Well Development					Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: 218054 Heron Serial NO: 25962	
Casing ID: Inches				Well Volume Approach Sampling					(Specify): Low Flow					
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 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	1530	—	51.50								clear		
Purge	5	1535	1/4	51.50	0	20.8	7.41	0.725	2.04	1.10	97.6	clear		
	10	1540	1/4	51.50	0	20.8	7.39	0.772	1.30	1.09	96.8	clear		
	15	1545	1/2	51.50	0	20.9	7.38	0.768	0.87	1.13	94.0	clear		
*****	20	1550	1/2	51.50	0	20.9	7.38	0.708	0.76	1.15	91.6	clear		
sample	25	1555	3/4	51.50	0	20.9	7.37	0.767	0.71	1.16	90.1	clear		
	30	1600												
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ 1600 on 7/16 / 2025									Cond - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC - Specific	
									FT BTDC - Feet Below Top of Casing nai - Not				Electrical Conductance SU - Standard Units	

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer									
Project Number: <u>2024.1111</u>		Task #:		Start Date: <u>7/16/2025</u>		Time: <u>1020</u>							
Field Personnel: <u>Thomas Casey</u>													
WELL INFORMATION				EVENT TYPE									
Well ID: <u>47</u>				Well Development					Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>218054</u> Heron Serial NO: <u>25962</u>
Casing ID: _____ Inches				Well Volume Approach Sampling					(Specify): Low Flow				
WATER QUALITY INDICATOR PARAMETERS (continued)													
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 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>1020</u>	<u>-</u>	<u>56.00</u>								<u>Clear</u>	
Purge	5	<u>1025</u>	<u>164</u>	<u>56.00</u>	<u>0</u>	<u>19.8</u>	<u>7.23</u>	<u>0.807</u>	<u>3.44</u>	<u>1.43</u>	<u>119.0</u>	<u>Clear</u>	
	10	<u>1030</u>	<u>164</u>	<u>56.00</u>	<u>0</u>	<u>19.4</u>	<u>7.27</u>	<u>0.800</u>	<u>2.12</u>	<u>1.50</u>	<u>112.8</u>	<u>Clear</u>	
	15	<u>1035</u>	<u>162</u>	<u>56.00</u>	<u>0</u>	<u>19.4</u>	<u>7.26</u>	<u>0.798</u>	<u>1.90</u>	<u>1.52</u>	<u>109.8</u>	<u>Clear</u>	
*****	20	<u>1040</u>	<u>162</u>	<u>56.00</u>	<u>0</u>	<u>19.4</u>	<u>7.26</u>	<u>0.797</u>	<u>1.82</u>	<u>1.67</u>	<u>107.5</u>	<u>Clear</u>	
↓	25	<u>1045</u>	<u>314</u>	<u>56.00</u>	<u>0</u>	<u>19.3</u>	<u>7.26</u>	<u>0.795</u>	<u>1.79</u>	<u>2.34</u>	<u>106.2</u>	<u>Clear</u>	
SAMPLE	30	<u>1050</u>											
	35												
	40												
	45												
	50												
	55												
	60												
NOTES (continued)								ABBREVIATIONS					
Sampled @ <u>1050</u> on <u>7/16/2025</u>								Cond. - Actual Conductivity					ORP - Oxidation-Reduction Potential SEC - Specific
								FT (STOC) - Feet Below Top of Casing na - Not					Electrical Conductance SU - Standard Units

RAH DuP sample @ 1055

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: Hennepin		Client: Vistra		Sampling Equipment Used (Circle One):									
Project Number: 2024.1111		Task #:		Start Date: 7/17/2025		Time: 0810		<u>Dedicated Bladder</u>		Peristaltic Pump		Portable Bladder	Bailer
Field Personnel: <u>Thomas Casey</u>													
WELL INFORMATION					EVENT TYPE								
Well ID: <u>48R</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>218054</u> Heron
Casing ID: Inches					Well Volume Approach Sampling				(Specify): Low Flow				Serial NO: <u>25962</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 +/- NTU's	ORP (mV) +/- 10mV	Visual Clarity	
Pre	0	0810	—	40.8	—	—	—	—	—	—	—	Clear	
Purge	5	0815	1.4	40.8	—	17.9	7.17	0.761	1.19	1.61	135.2	Clear	
	10	0820	1.2	40.8	—	17.9	7.37	0.761	0.53	1.65	123.9	clear	
	15	0825	1	40.8	—	17.9	7.45	0.762	0.38	1.53	117.3	clear	
*****	20	0830	1.12	40.8	—	17.8	7.49	0.761	0.31	1.37	113.3	clear	
↓	25	0835	2	40.8	—	17.8	7.51	0.762	0.28	1.28	110.3	clear	
SAMPLE	30	0840	—	—	—	—	—	—	—	—	—	—	
	35												
	40												
	45												
	50												
	55												
	60												
NOTES (continued)								ABBREVIATIONS					
Sampled @ 0840 on 7/17/2025								Cond - Actual Conductivity					ORP - Oxidation-Reduction Potential
								FT BTQC - Feet Below Top of Casing na - Not					Electrical Conductance SU - Standard Units

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>7/16/2025</u>		Time: <u>1055</u>							
Field Personnel: <u>G. Arzalluy</u>													
WELL INFORMATION					EVENT TYPE								
Well ID: <u>49</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>22353</u> Heron
Casing ID: _____ Inches					Well Volume Approach Sampling				(Specify): Low Flow				Serial NO: <u>202915</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>1105</u>	—	<u>22.15</u>	—	—	—	—	—	—	—	—	
Purge	5	<u>1110</u>	<u>0.5</u>	<u>22.19</u>	—	<u>15.7</u>	<u>7.36</u>	<u>980</u>	<u>1.50</u>	<u>8.06</u>	<u>-24.2</u>	<u>clear</u>	
	10	<u>1115</u>	<u>0.5</u>	—	—	<u>15.1</u>	<u>7.12</u>	<u>977</u>	<u>0.42</u>	<u>9.72</u>	<u>9.3</u>	<u>clear</u>	
	15	<u>1120</u>	<u>1</u>	<u>22.16</u>	—	<u>15.1</u>	<u>7.10</u>	<u>976</u>	<u>0.37</u>	<u>7.46</u>	<u>18.9</u>	<u>clear</u>	
*****	20	<u>1125</u>	<u>1</u>	—	—	<u>15.1</u>	<u>7.09</u>	<u>976</u>	<u>0.37</u>	<u>4.72</u>	<u>25.0</u>	<u>clear</u>	
	25	<u>1130</u>	<u>1.5</u>	<u>22.19</u>	—	<u>15.1</u>	<u>7.09</u>	<u>978</u>	<u>0.35</u>	<u>6.52</u>	<u>22.0</u>	<u>clear</u>	
Sample	30	<u>1135</u>	—	<u>22.25</u>	—	—	—	—	—	—	—	—	
	35												
	40												
	45												
	50												
	55												
	60												
NOTES (continued)								ABBREVIATIONS					
Sampled @ <u>1135</u> on <u>7/16/2025</u>								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTOC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units					

49 sampled @ 1135 on 7/16/25

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>7/16/2025</u>			Time: <u>0845</u>			
Field Personnel: <u>G. Asselmy</u>												
WELL INFORMATION						EVENT TYPE						
Well ID: <u>50</u>						Well Development						
Casing ID: _____ Inches						Well Volume Approach Sampling						
						Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>223333</u> Heron						
						(Specify): Low Flow Serial NO: <u>202915</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>0830</u>	—	<u>18.81</u>	—	—	—	—	—	—	—	—
Purge	5	<u>0855</u>	<u>0.5</u>	<u>18.82</u>	—	<u>17.2</u>	<u>7.63</u>	<u>763</u>	<u>3.52</u>	<u>4.78</u>	<u>90.9</u>	<u>Clear</u>
	10	<u>0900</u>	<u>0.5</u>	<u>18.83</u>	—	<u>16.3</u>	<u>7.42</u>	<u>843</u>	<u>1.02</u>	<u>7.92</u>	<u>96.4</u>	<u>" "</u>
	15	<u>0905</u>	<u>1</u>	<u>18.87</u>	—	<u>16.0</u>	<u>7.45</u>	<u>845</u>	<u>1.42</u>	<u>8.72</u>	<u>100.6</u>	<u>" "</u>
*****	20	<u>0915</u>	<u>1.5</u>	<u>18.90</u>	—	<u>16.8</u>	<u>7.44</u>	<u>847</u>	<u>0.62</u>	<u>7.74</u>	<u>94.3</u>	<u>" "</u>
	25	<u>0915</u>	<u>2</u>	<u>18.91</u>	—	<u>16.8</u>	<u>7.45</u>	<u>843</u>	<u>0.64</u>	<u>4.72</u>	<u>89.6</u>	<u>" "</u>
	30	<u>0920</u>	<u>2.5</u>	<u>18.94</u>	—	<u>16.0</u>	<u>7.46</u>	<u>843</u>	<u>0.58</u>	<u>3.45</u>	<u>85.8</u>	<u>" "</u>
sample	35	<u>0925</u>	—	—	—	—	—	—	—	—	—	—
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>0925</u> on <u>7/16/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTDC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units			

Well 50 sampled @ 0925 on 7/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: <u>Hennepin</u>		Client: <u>Vista</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>7/16/2025</u>		Time: <u>1000</u>							
Field Personnel: <u>G. Assembly</u>													
WELL INFORMATION					EVENT TYPE								
Well ID: <u>51</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>223333</u> Heron
Casing ID: _____ Inches					Well Volume Approach Sampling				(Specify): Low Flow				Serial NO: <u>202915</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	1010	—	19.18	—	—	—	—	—	—	—	—	
Purge	5	1015	0.5	19.18	—	17.9	—	—	—	—	—	—	
	10	1020	0.5	19.32	—	17.9	8.01	1007	5.82	4.45	37.2	Clear	
	15	1025	1	19.36	—	13.8	7.36	974	0.97	5.82	-125.2	" "	
** ****	20	1030	1.5	19.43	—	13.7	7.36	973	0.72	4.76	-130.2	" "	
	25	1035	2	19.41	—	13.6	7.36	970	0.65	3.02	-132.1	" "	
Sample	30	1040	2	19.40	—	13.6	7.36	970	0.65	2.47	-136.4	" "	
	35	1045	2.5	19.32	—	—	—	—	—	—	—	—	
	40												
	45												
	50												
	55												
	60												
NOTES (continued)								ABBREVIATIONS					
Sampled @ 1045 on 7/16/2025								Cond. - Actual Conductivity FT BTOC - Feet Below Top of Casing na - Net ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units					

51 sampled @ 1045 on 7/16/25

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>7/17/2025</u>		Time: <u>1005</u>						
Field Personnel: <u>Thomas Casey</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>52</u>					Well Development Well Volume Approach Sampling							
Casing ID: _____ Inches					Low-Flow / Low Stress Sampling Other (Specify): Low Flow							
YSI SERIAL NO: <u>218054</u> Heron Serial NO: <u>25962</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>1005</u>	<u>—</u>	<u>54.0</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>clear</u>
Purge	5	<u>1010</u>	<u>1.4</u>	<u>54.0</u>	<u>0</u>	<u>20.5</u>	<u>7.15</u>	<u>0.834</u>	<u>1.23</u>	<u>4.98</u>	<u>100.8</u>	<u>clear</u>
	10	<u>1015</u>	<u>1.2</u>	<u>54.0</u>	<u>0</u>	<u>20.7</u>	<u>7.13</u>	<u>0.833</u>	<u>0.82</u>	<u>2.54</u>	<u>97.7</u>	<u>clear</u>
	15	<u>1020</u>	<u>1</u>	<u>54.0</u>	<u>0</u>	<u>20.7</u>	<u>7.12</u>	<u>0.834</u>	<u>0.74</u>	<u>1.72</u>	<u>94.8</u>	<u>clear</u>
*****	20	<u>1025</u>	<u>1.12</u>	<u>54.0</u>	<u>0</u>	<u>20.7</u>	<u>7.12</u>	<u>0.835</u>	<u>0.71</u>	<u>1.16</u>	<u>71.6</u>	<u>clear</u>
↓	25	<u>1030</u>	<u>2</u>	<u>54.0</u>	<u>0</u>	<u>20.7</u>	<u>7.12</u>	<u>0.835</u>	<u>0.70</u>	<u>1.34</u>	<u>90.2</u>	<u>clear</u>
Sample	30	<u>1035</u>										
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)												
Sampled @ <u>1035</u> on <u>7/17/2025</u>												
ABBREVIATIONS												
Cond - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific FT BTDC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units												

Dup @ 1040

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION													
Site: <u>Hennepin</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer									
Project Number: <u>2024.1111</u>		Task #:		Start Date: <u>7/16/2025</u>		Time: <u>1135</u>							
Field Personnel: <u>Thomas Casey</u>													
WELL INFORMATION				EVENT TYPE									
Well ID: <u>54</u>				Well Development					Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>218054</u> <u>Heron</u>
Casing ID: _____ Inches				Well Volume Approach Sampling					(Specify): Low Flow				Serial NO: <u>25962</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>1135</u>	<u>—</u>	<u>53.45</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>clear</u>	
Purge	5	<u>1140</u>	<u>1/4</u>	<u>53.45</u>	<u>0</u>	<u>19.1</u>	<u>7.41</u>	<u>0.791</u>	<u>3.20</u>	<u>1.08</u>	<u>103.1</u>	<u>clear</u>	
	10	<u>1145</u>	<u>1/2</u>	<u>53.45</u>	<u>0</u>	<u>18.9</u>	<u>7.41</u>	<u>0.788</u>	<u>2.73</u>	<u>1.34</u>	<u>103.4</u>	<u>clear</u>	
	15	<u>1150</u>	<u>3/4</u>	<u>53.45</u>	<u>0</u>	<u>18.9</u>	<u>7.40</u>	<u>0.787</u>	<u>2.52</u>	<u>1.31</u>	<u>103.3</u>	<u>clear</u>	
*****	20	<u>1155</u>	<u>1</u>	<u>53.45</u>	<u>0</u>	<u>18.8</u>	<u>7.41</u>	<u>0.786</u>	<u>2.304</u>	<u>1.48</u>	<u>102.7</u>	<u>clear</u>	
	25	<u>1200</u>	<u>1 1/2</u>	<u>53.45</u>	<u>0</u>	<u>18.8</u>	<u>7.40</u>	<u>0.785</u>	<u>2.26</u>	<u>1.05</u>	<u>102.1</u>	<u>clear</u>	
↓	30	<u>1205</u>	<u>2</u>	<u>53.45</u>	<u>0</u>	<u>18.8</u>	<u>7.40</u>	<u>0.785</u>	<u>2.28</u>	<u>1.17</u>	<u>101.7</u>	<u>clear</u>	
sample	35	<u>1210</u>											
	40												
	45												
	50												
	55												
	60												
NOTES (continued)									ABBREVIATIONS				
Sampled @ <u>1210</u> on <u>7/16/2025</u>									Cond. - Actual Conductivity FT BTOC - Feet Below Top of Casing na - Not ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units				

Monitoring Well Evaluation Checklist

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>02</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			<u>X</u>	

	Yes	No	NA	Comments
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	<u>X</u>			
Not dented	<u>X</u>			
Not cracked	<u>X</u>			
Not loose	<u>X</u>			
2. Inner casing				
Not corroded	<u>X</u>			
Not dented	<u>X</u>			
Not cracked	<u>X</u>			
Not loose	<u>X</u>			
3. Are there weep holes in outer casing?	<u>X</u>			
4. Weep holes able to drain?	<u>X</u>			
5. Is there a lockable cap present?	<u>X</u>			
6. Is there a lock present?	<u>X</u>			
7. Bumper posts in good condition?	<u>X</u>			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?		<u>X</u>		
9. Does the lid have a gasket that seals?		<u>X</u>		
10. No water in the flushmount?		<u>X</u>		
11. Is the well cap lockable?		<u>X</u>		
12. Is there a lock present?		<u>X</u>		
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	<u>X</u>			
13. No obstructions in well?	<u>X</u>			
14. No plant roots or vegetation in well?	<u>X</u>			
General Condition				
16. Concrete pad installed?	<u>X</u>			
17. Concrete pad				
Slope away from casing?	<u>X</u>			
Not deteriorated?	<u>X</u>			
Not heaved or below surrounding grade?	<u>X</u>			
18. No surface seal settling?	<u>X</u>			
19. Well clearly visible and labeled?	<u>X</u>			
Comments:				
Dedicated Tubing: <u>Y</u> N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 03R	Major wells repairs* required to maintain well integrity?	Yes	No	NA	
			X		

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?	↓			
5. Is there a lockable cap present?	↓			
6. Is there a lock present?	↓			
7. Bumper posts in good condition?	↓			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?	X			
9. Does the lid have a gasket that seals?	↓			
10. No water in the flushmount?	↓			
11. Is the well cap lockable?	↓			
12. Is there a lock present?	↓			
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	↓			
14. No plant roots or vegetation in well?	↓			
General Condition				
16. Concrete pad installed?	X			
17. Concrete pad	↓			
Slope away from casing?	↓			
Not deteriorated?	↓			
Not heaved or below surrounding grade?	↓			
18. No surface seal settling?	↓			
19. Well clearly visible and labeled?	↓			
Comments:				
Dedicated Tubing Y N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 4R	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked	X			
Not loose	X			
2. Inner casing				
Not corroded	X			
Not dented				
Not cracked	X			
Not loose	X			
3. Are there weep holes in outer casing?				
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?				
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
<u>General Condition</u>				
16. Concrete pad installed?	X			
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?	X			
Comments:				
Dedicated Tubing: Y N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>5R</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			<u>X</u>	

<u>Stick-up Monitoring Wells</u>	<u>Comments</u>
1. Outer protective Casing	
Not corroded	<u>X</u>
Not dented	<u>↓</u>
Not cracked	
Not loose	
2. Inner casing	
Not corroded	<u>X</u>
Not dented	<u>↓</u>
Not cracked	
Not loose	
3. Are there weep holes in outer casing?	
4. Weep holes able to drain?	<u>↓</u>
5. Is there a lockable cap present?	
6. Is there a lock present?	<u>N</u>
7. Bumper posts in good condition?	
<u>Flushmount Monitoring Wells</u>	
8. Can the lid be secured tightly?	
9. Does the lid have a gasket that seals?	
10. No water in the flushmount?	
11. Is the well cap lockable?	
12. Is there a lock present?	
<u>All Monitoring Wells</u>	
Downhole Condition	
12. Water level measuring point clearly marked?	<u>X</u>
13. No obstructions in well?	<u>↓</u>
14. No plant roots or vegetation in well?	
General Condition	
16. Concrete pad installed?	<u>X</u>
17. Concrete pad	
Slope away from casing?	<u>↓</u>
Not deteriorated?	
Not heaved or below surrounding grade?	
18. No surface seal settling?	<u>↓</u>
19. Well clearly visible and labeled?	
Comments:	
Dedicated Tubing: <u>Y</u> N (Circle)	

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

Site:	Hennepin 2025 Q3	Major wells repairs* required to maintain well integrity?	Yes	No	NA
Inspection Date:	7/14/25			☒	
Well Number:	508				

Stick-up Monitoring Wells

	Yes	No	NA	<u>Comments</u>
1. Outer protective Casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
2. Inner casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
3. Are there weep holes in outer casing?				
4. Weep holes able to drain?	☒			
5. Is there a lockable cap present?	☒			
6. Is there a lock present?	☒			
7. Bumper posts in good condition?	☒			

Flushmount Monitoring Wells

8. Can the lid be secured tightly?			
9. Does the lid have a gasket that seals?			
10. No water in the flushmount?			
11. Is the well cap lockable?			
12. Is there a lock present?			

All Monitoring Wells

Downhole Condition

12. Water level measuring point clearly marked?			
13. No obstructions in well?			
14. No plant roots or vegetation in well?			

General Condition

16. Concrete pad installed?			
17. Concrete pad			
Slope away from casing?			
Not deteriorated?			
Not heaved or below surrounding grade?			
18. No surface seal settling?			
19. Well clearly visible and labeled?			

Comments:

Dedicated Tubing: Y ☒ (Circle)

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>06</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?	↓			
5. Is there a lockable cap present?	↓			
6. Is there a lock present?	↓			
7. Bumper posts in good condition?	↓			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	↓			
14. No plant roots or vegetation in well?	↓			
General Condition				
16. Concrete pad installed?	X			
17. Concrete pad	X			
Slope away from casing?	↓			
Not deteriorated?	↓			
Not heaved or below surrounding grade?	↓			
18. No surface seal settling?	↓			
19. Well clearly visible and labeled?	↓			
Comments:				
Dedicated Tubing: (Y) N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>7</u>	Major wells repairs* required to maintain well integrity?	<table border="1" style="width: 100%; text-align: center;"> <tr> <th>Yes</th> <th>No</th> <th>NA</th> </tr> <tr> <td></td> <td style="text-align: center;">X</td> <td></td> </tr> </table>	Yes	No	NA		X			
Yes	No	NA								
	X									

<u>Stick-up Monitoring Wells</u>	Yes	No	NA	<u>Comments</u>
1. Outer protective Casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing				
Not corroded	↓			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?	↓			
5. Is there a lockable cap present?	↓			
6. Is there a lock present?	↓			
7. Bumper posts in good condition?	↓			
<u>Flushmount Monitoring Wells</u>				
	Yes	No	NA	
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	↓			
14. No plant roots or vegetation in well?	↓			
<u>General Condition</u>				
	Yes	No	NA	
16. Concrete pad installed?				
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?				
Comments:				
Dedicated Tubing: Y N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>08</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA	
			☒		

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
2. Inner casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
3. Are there weep holes in outer casing?	☒			
4. Weep holes able to drain?	☒			
5. Is there a lockable cap present?	☒			
6. Is there a lock present?	☒			
7. Bumper posts in good condition?	☒			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	☒			
13. No obstructions in well?	☒			
14. No plant roots or vegetation in well?	☒			
<u>General Condition</u>				
16. Concrete pad installed?				
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?	☒			
Comments:				
Dedicated Tubing: <u>Y</u> N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

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Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>10</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			☒	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
2. Inner casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
3. Are there weep holes in outer casing?	☒			
4. Weep holes able to drain?	☒			
5. Is there a lockable cap present?	☒			
6. Is there a lock present?	☒			
7. Bumper posts in good condition?	☒			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	☒			
13. No obstructions in well?	☒			
14. No plant roots or vegetation in well?	☒			
<u>General Condition</u>				
16. Concrete pad installed?	☒			
17. Concrete pad				
Slope away from casing?	☒			
Not deteriorated?	☒			
Not heaved or below surrounding grade?	☒			
18. No surface seal settling?	☒			
19. Well clearly visible and labeled?	☒			
Comments:				
Dedicated Tubing: Y N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/23 Well Number: 11	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

<u>Stick-up Monitoring Wells</u>	<u>Comments</u>
1. Outer protective Casing	
Not corroded	
Not dented	
Not cracked	
Not loose	
2. Inner casing	
Not corroded	
Not dented	
Not cracked	
Not loose	
3. Are there weep holes in outer casing?	
4. Weep holes able to drain?	
5. Is there a lockable cap present?	
6. Is there a lock present?	
7. Bumper posts in good condition?	
<u>Flushmount Monitoring Wells</u>	
8. Can the lid be secured tightly?	
9. Does the lid have a gasket that seals?	
10. No water in the flushmount?	
11. Is the well cap lockable?	
12. Is there a lock present?	
<u>All Monitoring Wells</u>	
Downhole Condition	
12. Water level measuring point clearly marked?	
13. No obstructions in well?	
14. No plant roots or vegetation in well?	
General Condition	
16. Concrete pad installed?	
17. Concrete pad	
Slope away from casing?	
Not deteriorated?	
Not heaved or below surrounding grade?	
18. No surface seal settling?	
19. Well clearly visible and labeled?	
Comments:	
Dedicated Tubing: Y <u>N</u> (Circle)	

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 12	Major wells repairs* required to maintain well integrity?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:33%;">Yes</th> <th style="width:33%;">No</th> <th style="width:33%;">NA</th> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> </tr> </table>	Yes	No	NA			
Yes	No	NA						

	Yes	No	NA	<u>Comments</u>
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?	↓			
5. Is there a lockable cap present?	↓			
6. Is there a lock present?	↓			
7. Bumper posts in good condition?	↓			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?				
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
General Condition				
16. Concrete pad installed?				
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?				
Comments:				
Dedicated Tubing: Y N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Monitoring Well Evaluation Checklist

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>13</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			<u>X</u>	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	<u>X</u>			
Not dented	<u>↓</u>			
Not cracked	<u>↓</u>			
Not loose	<u>↓</u>			
2. Inner casing				
Not corroded	<u>X</u>			
Not dented	<u>↓</u>			
Not cracked	<u>↓</u>			
Not loose	<u>↓</u>			
3. Are there weep holes in outer casing?	<u>X</u>			
4. Weep holes able to drain?	<u>↓</u>			
5. Is there a lockable cap present?	<u>↓</u>			
6. Is there a lock present?	<u>↓</u>			
7. Bumper posts in good condition?	<u>↓</u>			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?		<u>No</u>		
9. Does the lid have a gasket that seals?		<u>No</u>		
10. No water in the flushmount?		<u>No</u>		
11. Is the well cap lockable?		<u>No</u>		
12. Is there a lock present?		<u>No</u>		
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	<u>X</u>			
13. No obstructions in well?	<u>↓</u>			
14. No plant roots or vegetation in well?	<u>↓</u>			
General Condition				
16. Concrete pad installed?	<u>X</u>			
17. Concrete pad				
Slope away from casing?	<u>↓</u>			
Not deteriorated?	<u>↓</u>			
Not heaved or below surrounding grade?	<u>↓</u>			
18. No surface seal settling?	<u>↓</u>			
19. Well clearly visible and labeled?	<u>↓</u>			
Comments:				
Dedicated Tubing <u>(Y)</u> N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 15	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				<u>Comments</u>
Not corroded	X			
Not dented				
Not cracked				
Not loose				
2. Inner casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				
3. Are there weep holes in outer casing?				
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?				
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?				
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
General Condition				
16. Concrete pad installed?				
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?				
Comments:				
Dedicated Tubing: Y N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>16</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose	X			
<u>Flushmount Monitoring Wells</u>				
2. Inner casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose	X			
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?	X			
<u>All Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>Downhole Condition</u>				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
<u>General Condition</u>				
16. Concrete pad installed?	X			
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?	X			
18. No surface seal settling?				
19. Well clearly visible and labeled?				
Comments:				
Dedicated Tubing: <u>Y</u> N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Monitoring Well Evaluation Checklist

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>17</u>	Major wells repairs* required to maintain well integrity?	<table border="1" style="width: 100%; text-align: center;"> <tr> <th>Yes</th> <th>No</th> <th>NA</th> </tr> <tr> <td></td> <td>☒</td> <td></td> </tr> </table>	Yes	No	NA		☒		
Yes	No	NA							
	☒								

<u>Stick-up Monitoring Wells</u>	Yes	No	NA	<u>Comments</u>
1. Outer protective Casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
2. Inner casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
3. Are there weep holes in outer casing?	☒			
4. Weep holes able to drain?	☒			
5. Is there a lockable cap present?	☒			
6. Is there a lock present?	☒			
7. Bumper posts in good condition?	☒			

<u>Flushmount Monitoring Wells</u>	Yes	No	NA	
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				

<u>All Monitoring Wells</u>	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	☒			
13. No obstructions in well?	☒			
14. No plant roots or vegetation in well?	☒			

General Condition	Yes	No	NA	
16. Concrete pad installed?	☒			
17. Concrete pad				
Slope away from casing?	☒			
Not deteriorated?	☒			
Not heaved or below surrounding grade?	☒			
18. No surface seal settling?	☒			
19. Well clearly visible and labeled?	☒			

Comments: 	Dedicated Tubing: <u>(Y)</u> N (Circle)
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* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/11/25 Well Number: 185	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				<u>Comments</u>
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?	↓			
5. Is there a lockable cap present?	↓			
6. Is there a lock present?	↓			
7. Bumper posts in good condition?	↓			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				X
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	↓			
14. No plant roots or vegetation in well?	↓			
<u>General Condition</u>				
16. Concrete pad installed?	X			X
17. Concrete pad				
Slope away from casing?	↓			
Not deteriorated?	↓			
Not heaved or below surrounding grade?	↓			
18. No surface seal settling?	↓			
19. Well clearly visible and labeled?	↓			
Comments:				
Dedicated Tubing: Y N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>190</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			<u>X</u>	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	<u>X</u>			
Not dented	<u>↓</u>			
Not cracked	<u>↓</u>			
Not loose	<u>↓</u>			
2. Inner casing				
Not corroded	<u>↓</u>			
Not dented	<u>↓</u>			
Not cracked	<u>↓</u>			
Not loose	<u>↓</u>			
3. Are there weep holes in outer casing?	<u>X</u>			
4. Weep holes able to drain?	<u>↓</u>			
5. Is there a lockable cap present?				
6. Is there a lock present?	<u>↓</u>			
7. Bumper posts in good condition?				
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	<u>↓</u>			
13. No obstructions in well?	<u>↓</u>			
14. No plant roots or vegetation in well?				
<u>General Condition</u>				
16. Concrete pad installed?	<u>X</u>			
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?	<u>↓</u>			
18. No surface seal settling?	<u>↓</u>			
19. Well clearly visible and labeled?				
Comments:				
Dedicated Tubing: <u>Y</u> N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

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845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Monitoring Well Evaluation Checklist

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>1958</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			☒	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				<u>Comments</u>
Not corroded				
Not dented				
Not cracked				
Not loose				
2. Inner casing				
Not corroded				
Not dented				
Not cracked				
Not loose				
3. Are there weep holes in outer casing?				
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?				
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?				
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
<u>General Condition</u>				
16. Concrete pad installed?				
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?				
Comments:				
Dedicated Tubing: Y <u>N</u> (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 25R	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?	↓			
5. Is there a lockable cap present?				
6. Is there a lock present?	↓			
7. Bumper posts in good condition?	↓			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
<u>General Condition</u>				
16. Concrete pad installed?	X			
17. Concrete pad	X			
Slope away from casing?	↓			
Not deteriorated?	↓			
Not heaved or below surrounding grade?	↓			
18. No surface seal settling?	↓			
19. Well clearly visible and labeled?	↓			
Comments:				
Dedicated Tubing: Y N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>9/11/25</u> Well Number: <u>22</u>	Major wells repairs* required to maintain well integrity? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">Yes</td> <td style="width:33%; text-align: center;">No</td> <td style="width:33%; text-align: center;">NA</td> </tr> <tr> <td></td> <td style="text-align: center;">☒</td> <td></td> </tr> </table>	Yes	No	NA		☒																																																																																																				
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<u>Stick-up Monitoring Wells</u> 1. Outer protective Casing Not corroded Not dented Not cracked Not loose 2. Inner casing Not corroded Not dented Not cracked Not loose 3. Are there weep holes in outer casing? 4. Weep holes able to drain? 5. Is there a lockable cap present? 6. Is there a lock present? 7. Bumper posts in good condition? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">Yes</td> <td style="width:33%; text-align: center;">No</td> <td style="width:33%; text-align: center;">NA</td> <td style="width:34%;"></td> </tr> <tr><td style="text-align: center;">Y</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">↓</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">Y</td><td></td><td></td><td></td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">Yes</td> <td style="width:33%; text-align: center;">No</td> <td style="width:33%; text-align: center;">NA</td> <td style="width:34%;"></td> </tr> <tr><td style="text-align: center;">X</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">↓</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">Y</td><td></td><td></td><td></td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">Yes</td> <td style="width:33%; text-align: center;">No</td> <td style="width:33%; text-align: center;">NA</td> <td style="width:34%;"></td> </tr> <tr><td style="text-align: center;">X</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">↓</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">Y</td><td></td><td></td><td></td></tr> </table> <u>Flushmount Monitoring Wells</u> 8. Can the lid be secured tightly? 9. Does the lid have a gasket that seals? 10. No water in the flushmount? 11. Is the well cap lockable? 12. Is there a lock present? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">Yes</td> <td style="width:33%; text-align: center;">No</td> <td style="width:33%; text-align: center;">NA</td> <td style="width:34%;"></td> </tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </table> <u>All Monitoring Wells</u> Downhole Condition 12. Water level measuring point clearly marked? 13. No obstructions in well? 14. No plant roots or vegetation in well? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">Yes</td> <td style="width:33%; text-align: center;">No</td> <td style="width:33%; text-align: center;">NA</td> <td style="width:34%;"></td> </tr> <tr><td style="text-align: center;">X</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">↓</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">Y</td><td></td><td></td><td></td></tr> </table> General Condition 16. Concrete pad installed? 17. Concrete pad Slope away from casing? Not deteriorated? Not heaved or below surrounding grade? 18. No surface seal settling? 19. Well clearly visible and labeled? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">Yes</td> <td style="width:33%; text-align: center;">No</td> <td style="width:33%; text-align: center;">NA</td> <td style="width:34%;"></td> </tr> <tr><td style="text-align: center;">X</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">↓</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">Y</td><td></td><td></td><td></td></tr> </table>		Yes	No	NA		Y				↓				Y				Yes	No	NA		X				↓				Y				Yes	No	NA		X				↓				Y				Yes	No	NA																						Yes	No	NA		X				↓				Y				Yes	No	NA		X				↓				Y				<u>Comments</u>
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Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3

Inspection Date: 7/14/25

Well Number: 2-20

Major wells repairs* required
to maintain well integrity?

Yes	No	NA
	☒	

Stick-up Monitoring Wells

1. Outer protective Casing

- Not corroded
- Not dented
- Not cracked
- Not loose

Yes	No	NA
☒		
☒		
☒		
☒		

Comments

2. Inner casing

- Not corroded
- Not dented
- Not cracked
- Not loose

Yes	No	NA
☒		
☒		
☒		
☒		

3. Are there weep holes in outer casing?

4. Weep holes able to drain?

5. Is there a lockable cap present?

6. Is there a lock present?

7. Bumper posts in good condition?

Yes	No	NA
☒		
☒		
☒		
☒		

Flushmount Monitoring Wells

8. Can the lid be secured tightly?

9. Does the lid have a gasket that seals?

10. No water in the flushmount?

11. Is the well cap lockable?

12. Is there a lock present?

Yes	No	NA
	☒	
	☒	
	☒	
	☒	

All Monitoring Wells

Downhole Condition

12. Water level measuring point clearly marked?

13. No obstructions in well?

14. No plant roots or vegetation in well?

Yes	No	NA
☒		
☒		
☒		
☒		

General Condition

16. Concrete pad installed?

17. Concrete pad

Slope away from casing?

Not deteriorated?

Not heaved or below surrounding grade?

18. No surface seal settling?

19. Well clearly visible and labeled?

Comments:

Yes	No	NA
☒		
☒		
☒		
☒		

Dedicated Tubing: ☒ Y ☐ N (Circle)

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>23</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA	
				☒	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
2. Inner casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
3. Are there weep holes in outer casing?	☒			
4. Weep holes able to drain?	☒			
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?	☒			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?				
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
 General Condition				
16. Concrete pad installed?		☒		
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?		☒		
19. Well clearly visible and labeled?	☒			
Comments:				
Dedicated Tubing: <u>Y</u> N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>25</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			<u>X</u>	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	<u>X</u>			
Not dented	<u>X</u>			
Not cracked	<u>X</u>			
Not loose	<u>X</u>			
2. Inner casing				
Not corroded	<u>X</u>			
Not dented	<u>X</u>			
Not cracked	<u>X</u>			
Not loose	<u>X</u>			
3. Are there weep holes in outer casing?	<u>X</u>			
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?	<u>X</u>	<u>X</u>		No lock
7. Bumper posts in good condition?	<u>X</u>			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?		<u>X</u>		
9. Does the lid have a gasket that seals?		<u>X</u>		
10. No water in the flushmount?		<u>X</u>		
11. Is the well cap lockable?		<u>X</u>		
12. Is there a lock present?		<u>X</u>		
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	<u>X</u>			
13. No obstructions in well?	<u>X</u>			
14. No plant roots or vegetation in well?	<u>X</u>			
<u>General Condition</u>				
16. Concrete pad installed?	<u>X</u>			
17. Concrete pad				
Slope away from casing?	<u>X</u>			
Not deteriorated?	<u>X</u>			
Not heaved or below surrounding grade?	<u>X</u>			
18. No surface seal settling?	<u>X</u>			
19. Well clearly visible and labeled?	<u>X</u>			
Comments:				
Dedicated Tubing: <u>Y</u> N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 26	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
Stick-up Monitoring Wells				
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				
2. Inner casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				
3. Are there weep holes in outer casing?				
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?		X		No lock
7. Bumper posts in good condition?				
Flushmount Monitoring Wells				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
All Monitoring Wells				
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
General Condition				
16. Concrete pad installed?	X			
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?				
Comments:				
Dedicated Tubing: Y N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 27	Major wells repairs* required to maintain well integrity?	Yes	No ☒	NA
--	---	-----	--	----

	Yes	No	NA	Comments
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	☒	☒		
Not dented	☒	☒		
Not cracked	☒	☒		
Not loose	☒	☒		
2. Inner casing				
Not corroded	☒	☒		
Not dented	☒	☒		
Not cracked	☒	☒		
Not loose	☒	☒		
3. Are there weep holes in outer casing?	☒	☒		
4. Weep holes able to drain?	☒	☒		
5. Is there a lockable cap present?	☒	☒		
6. Is there a lock present?	☒	☒		
7. Bumper posts in good condition?	☒	☒		
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?		☒		
9. Does the lid have a gasket that seals?		☒		
10. No water in the flushmount?		☒		
11. Is the well cap lockable?		☒		
12. Is there a lock present?		☒		
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	☒			
13. No obstructions in well?	☒			
14. No plant roots or vegetation in well?	☒			
General Condition				
16. Concrete pad installed?	☒	☒		
17. Concrete pad				
Slope away from casing?		☒		
Not deteriorated?		☒		
Not heaved or below surrounding grade?		☒		
18. No surface seal settling?		☒		
19. Well clearly visible and labeled?	☒			
Comments:				
Dedicated Tubing: Y ☒ N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/11/25</u> Well Number: <u>36</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>			<u>Comments</u>		
1. Outer protective Casing	Yes	No	NA		
Not corroded	X				
Not dented	↓				
Not cracked	↓				
Not loose	↓				
2. Inner casing	Yes	No	NA		
Not corroded	X				
Not dented	↓				
Not cracked	↓				
Not loose	↓				
3. Are there weep holes in outer casing?	Yes	No	NA		
4. Weep holes able to drain?	X				
5. Is there a lockable cap present?	↓				
6. Is there a lock present?	↓				
7. Bumper posts in good condition?	↓				
<u>Flushmount Monitoring Wells</u>					
8. Can the lid be secured tightly?	Yes	No	NA		
9. Does the lid have a gasket that seals?					
10. No water in the flushmount?					
11. Is the well cap lockable?					
12. Is there a lock present?					
<u>All Monitoring Wells</u>					
Downhole Condition	Yes	No	NA		
12. Water level measuring point clearly marked?	X				
13. No obstructions in well?	↓				
14. No plant roots or vegetation in well?	↓				
General Condition					
16. Concrete pad installed?	Yes	No	NA		
17. Concrete pad		X			
Slope away from casing?		↓			
Not deteriorated?		↓			
Not heaved or below surrounding grade?		↓			
18. No surface seal settling?		↓			
19. Well clearly visible and labeled?	X				
Comments:					
Dedicated Tubing: <u>Y</u> N (Circle)					
* Major well repair are those that require a subcontractor or separate mobilization to complete					

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/21</u> Well Number: <u>31</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			<u>X</u>	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	<u>X</u>			
Not dented				
Not cracked				
Not loose				
<u>Flushmount Monitoring Wells</u>				
2. Inner casing				
Not corroded	<u>X</u>			
Not dented				
Not cracked				
Not loose				
3. Are there weep holes in outer casing?	<u>X</u>			
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?				
<u>All Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>Downhole Condition</u>				
12. Water level measuring point clearly marked?	<u>X</u>			
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
<u>General Condition</u>				
16. Concrete pad installed?		<u>X</u>		
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?	<u>X</u>			
Comments:				
Dedicated Tubing: (Y) N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3		Major wells repairs* required to maintain well integrity?		Yes	No	NA
Inspection Date: 7/14/25					☒	
Well Number: 22						

<u>Stick-up Monitoring Wells</u>			<u>Comments</u>
1. Outer protective Casing	Yes	No	NA
Not corroded	☒		
Not dented	☒		
Not cracked	☒		
Not loose	☒		
2. Inner casing	Yes	No	NA
Not corroded	☒		
Not dented	☒		
Not cracked	☒		
Not loose	☒		
3. Are there weep holes in outer casing?	Yes	No	NA
4. Weep holes able to drain?	☒		
5. Is there a lockable cap present?	☒		
6. Is there a lock present?	☒		
7. Bumper posts in good condition?	☒		
<u>Flushmount Monitoring Wells</u>			
8. Can the lid be secured tightly?	Yes	No	NA
9. Does the lid have a gasket that seals?		☒	
10. No water in the flushmount?			
11. Is the well cap lockable?			
12. Is there a lock present?			
<u>All Monitoring Wells</u>			
Downhole Condition			
12. Water level measuring point clearly marked?	Yes	No	NA
13. No obstructions in well?	☒		
14. No plant roots or vegetation in well?	☒		
General Condition			
16. Concrete pad installed?	Yes	No	NA
17. Concrete pad	☒		
Slope away from casing?	☒		
Not deteriorated?	☒		
Not heaved or below surrounding grade?	☒		
18. No surface seal settling?	☒		
19. Well clearly visible and labeled?	☒		
Comments:			
Dedicated Tubing: Y ☒ N (Circle)			

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/23 Well Number: 33	Major wells repairs* required to maintain well integrity?	<table border="1" style="width: 100%; text-align: center;"> <tr> <th>Yes</th> <th>No</th> <th>NA</th> </tr> <tr> <td></td> <td>X</td> <td></td> </tr> </table>	Yes	No	NA		X		<table border="1" style="width: 100%; text-align: center;"> <tr> <th>Yes</th> <th>No</th> <th>NA</th> </tr> <tr> <td></td> <td>X</td> <td></td> </tr> </table>	Yes	No	NA		X		<table border="1" style="width: 100%; text-align: center;"> <tr> <th>Yes</th> <th>No</th> <th>NA</th> </tr> <tr> <td></td> <td>X</td> <td></td> </tr> </table>	Yes	No	NA		X	
Yes	No	NA																				
	X																					
Yes	No	NA																				
	X																					
Yes	No	NA																				
	X																					

<u>Stick-up Monitoring Wells</u>				<u>Comments</u>
1. Outer protective Casing	Yes	No	NA	
Not corroded	X			
Not dented				
Not cracked				
Not loose				
2. Inner casing	Yes	No	NA	
Not corroded	X			
Not dented				
Not cracked				
Not loose				
3. Are there weep holes in outer casing?	Yes	No	NA	
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?				
<u>Flushmount Monitoring Wells</u>	Yes	No	NA	
8. Can the lid be secured tightly?	X			
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?		X		Cap lock NO LOCK
<u>All Monitoring Wells</u>	Yes	No	NA	
<u>Downhole Condition</u>				
12. Water level measuring point clearly marked?				
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
<u>General Condition</u>	Yes	No	NA	
16. Concrete pad installed?		X		
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?	X			
Comments:				
Dedicated Tubing: Y <u>N</u> (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>34</u>	Major wells repairs* required to maintain well integrity? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:33%;">Yes</th> <th style="width:33%;">No</th> <th style="width:33%;">NA</th> </tr> <tr> <td></td> <td style="text-align: center;">☒</td> <td></td> </tr> </table>	Yes	No	NA		☒																																								
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<u>Stick-up Monitoring Wells</u> 1. Outer protective Casing Not corroded Not dented Not cracked Not loose 2. Inner casing Not corroded Not dented Not cracked Not loose 3. Are there weep holes in outer casing? 4. Weep holes able to drain? 5. Is there a lockable cap present? 6. Is there a lock present? 7. Bumper posts in good condition? <u>Comments</u> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:33%;">Yes</th> <th style="width:33%;">No</th> <th style="width:33%;">NA</th> </tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:33%;">Yes</th> <th style="width:33%;">No</th> <th style="width:33%;">NA</th> </tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:33%;">Yes</th> <th style="width:33%;">No</th> <th style="width:33%;">NA</th> </tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> </table>		Yes	No	NA	☒			☒			☒			☒			Yes	No	NA	☒			☒			☒			☒			Yes	No	NA	☒			☒			☒			☒		
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<u>All Monitoring Wells</u> Downhole Condition 12. Water level measuring point clearly marked? 13. No obstructions in well? 14. No plant roots or vegetation in well? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:33%;">Yes</th> <th style="width:33%;">No</th> <th style="width:33%;">NA</th> </tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> </table>		Yes	No	NA	☒			☒			☒																																			
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General Condition 16. Concrete pad installed? 17. Concrete pad Slope away from casing? Not deteriorated? Not heaved or below surrounding grade? 18. No surface seal settling? 19. Well clearly visible and labeled? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:33%;">Yes</th> <th style="width:33%;">No</th> <th style="width:33%;">NA</th> </tr> <tr><td></td><td style="text-align: center;">☒</td><td></td></tr> <tr><td></td><td style="text-align: center;">☒</td><td></td></tr> <tr><td></td><td style="text-align: center;">☒</td><td></td></tr> <tr><td></td><td style="text-align: center;">☒</td><td></td></tr> <tr><td></td><td style="text-align: center;">☒</td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td></tr> </table>		Yes	No	NA		☒			☒			☒			☒			☒		☒																										
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Dedicated Tubing: Y N (Circle)																																														
* Major well repair are those that require a subcontractor or separate mobilization to complete																																														

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 35	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				<u>Comments</u>
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?	↓			
5. Is there a lockable cap present?	↓			
6. Is there a lock present?	↓			
7. Bumper posts in good condition?	↓			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?		No		
9. Does the lid have a gasket that seals?		No		
10. No water in the flushmount?		No		
11. Is the well cap lockable?		No		
12. Is there a lock present?		No		
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
General Condition				
16. Concrete pad installed?				
17. Concrete pad	X			
Slope away from casing?	↓			
Not deteriorated?	↓			
Not heaved or below surrounding grade?	↓			
18. No surface seal settling?	↓			
19. Well clearly visible and labeled?	↓			
Comments:				
Dedicated Tubing: Y N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 36	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked	X			
Not loose	X			
2. Inner casing				
Not corroded	X			
Not dented				
Not cracked	X			
Not loose				
3. Are there weep holes in outer casing?				
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?				
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?				
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
General Condition				
16. Concrete pad installed?	X			
17. Concrete pad				
Slope away from casing?			X	
Not deteriorated?			X	
Not heaved or below surrounding grade?			X	
18. No surface seal settling?			X	
19. Well clearly visible and labeled?			X	
Comments:				
Dedicated Tubing: Y N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 405	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose	↓			
2. Inner casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose	↓			
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?	↓			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?			NA	
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?				
14. No plant roots or vegetation in well?	↓			
<u>General Condition</u>				
16. Concrete pad installed?	X			
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?	↓			
18. No surface seal settling?				
19. Well clearly visible and labeled?	↓			
Comments:				
Dedicated Tubing: Y N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN COUNTY, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site:	Hennepin 2025 Q3	Major wells repairs* required to maintain well integrity?	Yes	No	NA
Inspection Date:	7/14/25			X	
Well Number:	455				

<u>Stick-up Monitoring Wells</u>	<u>Comments</u>
1. Outer protective Casing	
Not corroded	
Not dented	
Not cracked	
Not loose	
2. Inner casing	
Not corroded	
Not dented	
Not cracked	
Not loose	
3. Are there weep holes in outer casing?	
4. Weep holes able to drain?	
5. Is there a lockable cap present?	
6. Is there a lock present?	
7. Bumper posts in good condition?	

<u>Flushmount Monitoring Wells</u>	
8. Can the lid be secured tightly?	
9. Does the lid have a gasket that seals?	
10. No water in the flushmount?	
11. Is the well cap lockable?	
12. Is there a lock present?	

<u>All Monitoring Wells</u>	
Downhole Condition	
12. Water level measuring point clearly marked?	
13. No obstructions in well?	
14. No plant roots or vegetation in well?	

<u>General Condition</u>	
16. Concrete pad installed?	
17. Concrete pad	
Slope away from casing?	
Not deteriorated?	
Not heaved or below surrounding grade?	
18. No surface seal settling?	
19. Well clearly visible and labeled?	

Comments:

Dedicated Tubing: Y N (Circle)

* Major well repair are those that require a subcontractor or separate mobilization to complete

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7 / 14 / 25</u> Well Number: <u>47</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			☒	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
<u>Flushmount Monitoring Wells</u>				
2. Inner casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
3. Are there weep holes in outer casing?	☒			
4. Weep holes able to drain?	☒			
5. Is there a lockable cap present?	☒			
6. Is there a lock present?	☒			
7. Bumper posts in good condition?	☒			
<u>All Monitoring Wells</u>				
8. Can the lid be secured tightly?	☒			
9. Does the lid have a gasket that seals?	☒			
10. No water in the flushmount?	☒			
11. Is the well cap lockable?	☒			
12. Is there a lock present?	☒			
<u>Downhole Condition</u>				
12. Water level measuring point clearly marked?	☒			
13. No obstructions in well?	☒			
14. No plant roots or vegetation in well?	☒			
<u>General Condition</u>				
16. Concrete pad installed?	☒			
17. Concrete pad				
Slope away from casing?	☒			
Not deteriorated?	☒			
Not heaved or below surrounding grade?	☒			
18. No surface seal settling?	☒			
19. Well clearly visible and labeled?	☒			
Comments:				
Dedicated Tubing: Y N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Monitoring Well Evaluation Checklist

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>48R</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			<u>X</u>	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				<u>Comments</u>
Not corroded	<u>X</u>			
Not dented	<u>X</u>			
Not cracked	<u>X</u>			
Not loose	<u>X</u>			
2. Inner casing				
Not corroded	<u>X</u>			
Not dented	<u>X</u>			
Not cracked	<u>X</u>			
Not loose	<u>X</u>			
3. Are there weep holes in outer casing?	<u>X</u>			
4. Weep holes able to drain?	<u>X</u>			
5. Is there a lockable cap present?	<u>X</u>			
6. Is there a lock present?	<u>X</u>			
7. Bumper posts in good condition?	<u>X</u>			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	<u>X</u>			
13. No obstructions in well?	<u>X</u>			
14. No plant roots or vegetation in well?	<u>X</u>			
 General Condition				
16. Concrete pad installed?	<u>X</u>			
17. Concrete pad				
Slope away from casing?	<u>X</u>			
Not deteriorated?	<u>X</u>			
Not heaved or below surrounding grade?	<u>X</u>			
18. No surface seal settling?	<u>X</u>			
19. Well clearly visible and labeled?	<u>X</u>			
Comments:				
Dedicated Tubing: <u>(Y)</u> N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNAPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>189</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			☒	

<u>Stick-up Monitoring Wells</u>	<u>Comments</u>
1. Outer protective Casing	
Not corroded	
Not dented	
Not cracked	
Not loose	
2. Inner casing	
Not corroded	
Not dented	
Not cracked	
Not loose	
3. Are there weep holes in outer casing?	
4. Weep holes able to drain?	
5. Is there a lockable cap present?	
6. Is there a lock present?	
7. Bumper posts in good condition?	
<u>Flushmount Monitoring Wells</u>	
8. Can the lid be secured tightly?	
9. Does the lid have a gasket that seals?	
10. No water in the flushmount?	
11. Is the well cap lockable?	
12. Is there a lock present?	
<u>All Monitoring Wells</u>	
Downhole Condition	
12. Water level measuring point clearly marked?	
13. No obstructions in well?	
14. No plant roots or vegetation in well?	
General Condition	
16. Concrete pad installed?	
17. Concrete pad	
Slope away from casing?	
Not deteriorated?	
Not heaved or below surrounding grade?	
18. No surface seal settling?	
19. Well clearly visible and labeled?	
Comments:	
Dedicated Tubing: <u>Y</u> N (Circle)	

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 50	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose	↓			
2. Inner casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose	↓			
3. Are there weep holes in outer casing?				
4. Weep holes able to drain?	X			
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?	↓			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?				
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	↓			
General Condition				
16. Concrete pad installed?	X			
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?	↓			
Comments:				
Dedicated Tubing: (Y) N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/23</u> Well Number: <u>51</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			☒	

<u>Stick-up Monitoring Wells</u>	Yes	No	NA	<u>Comments</u>
1. Outer protective Casing				
Not corroded	☒			
Not dented				
Not cracked				
Not loose	☒			
2. Inner casing				
Not corroded	☒			
Not dented				
Not cracked				
Not loose	☒			
3. Are there weep holes in outer casing?				
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?				

<u>Flushmount Monitoring Wells</u>	Yes	No	NA	
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				

<u>All Monitoring Wells</u>	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	☒			
13. No obstructions in well?				
14. No plant roots or vegetation in well?	☒			

General Condition	Yes	No	NA	
16. Concrete pad installed?	☒			
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?	☒			

Comments:

Dedicated Tubing: Y N (Circle)

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>52</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			☒	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
2. Inner casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
3. Are there weep holes in outer casing?	☒			
4. Weep holes able to drain?	☒			
5. Is there a lockable cap present?	☒			
6. Is there a lock present?	☒			
7. Bumper posts in good condition?	☒			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	☒			
13. No obstructions in well?	☒			
14. No plant roots or vegetation in well?	☒			
General Condition				
16. Concrete pad installed?	☒			
17. Concrete pad				
Slope away from casing?	☒			
Not deteriorated?	☒			
Not heaved or below surrounding grade?	☒			
18. No surface seal settling?	☒			
19. Well clearly visible and labeled?	☒			
Comments:				
Dedicated Tubing: <u>Y</u> N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 58	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			☒	

<u>Stick-up Monitoring Wells</u>	<u>Comments</u>
1. Outer protective Casing	
Not corroded	
Not dented	
Not cracked	
Not loose	
2. Inner casing	
Not corroded	
Not dented	
Not cracked	
Not loose	
3. Are there weep holes in outer casing?	
4. Weep holes able to drain?	
5. Is there a lockable cap present?	
6. Is there a lock present?	
7. Bumper posts in good condition?	

<u>Flushmount Monitoring Wells</u>	
8. Can the lid be secured tightly?	
9. Does the lid have a gasket that seals?	
10. No water in the flushmount?	
11. Is the well cap lockable?	
12. Is there a lock present?	

<u>All Monitoring Wells</u>	
Downhole Condition	
12. Water level measuring point clearly marked?	
13. No obstructions in well?	
14. No plant roots or vegetation in well?	

<u>General Condition</u>	
16. Concrete pad installed?	
17. Concrete pad	
Slope away from casing?	
Not deteriorated?	
Not heaved or below surrounding grade?	
18. No surface seal settling?	
19. Well clearly visible and labeled?	

Comments:	
Dedicated Tubing: Y <u>N</u> (Circle)	

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>54</u>	Major wells repairs* required to maintain well integrity? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:33%;">Yes</th> <th style="width:33%;">No</th> <th style="width:33%;">NA</th> </tr> <tr> <td></td> <td style="text-align: center;">☒</td> <td></td> </tr> </table>	Yes	No	NA		☒																																			
Yes	No	NA																																							
	☒																																								
<u>Stick-up Monitoring Wells</u> 1. Outer protective Casing - Not corroded - Not dented - Not cracked - Not loose 2. Inner casing - Not corroded - Not dented - Not cracked - Not loose 3. Are there weep holes in outer casing? 4. Weep holes able to drain? 5. Is there a lockable cap present? 6. Is there a lock present? 7. Bumper posts in good condition? <u>Comments</u> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Yes</th> <th style="width:15%;">No</th> <th style="width:15%;">NA</th> <th style="width:55%;"></th> </tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> </table>		Yes	No	NA		☒				☒				☒				☒				☒				☒				☒				☒				☒			
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<u>All Monitoring Wells</u> Downhole Condition 12. Water level measuring point clearly marked? 13. No obstructions in well? 14. No plant roots or vegetation in well? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Yes</th> <th style="width:15%;">No</th> <th style="width:15%;">NA</th> <th style="width:55%;"></th> </tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> </table>		Yes	No	NA		☒				☒				☒																											
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General Condition 16. Concrete pad installed? 17. Concrete pad - Slope away from casing? - Not deteriorated? - Not heaved or below surrounding grade? 18. No surface seal settling? 19. Well clearly visible and labeled? <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Yes</th> <th style="width:15%;">No</th> <th style="width:15%;">NA</th> <th style="width:55%;"></th> </tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">☒</td><td></td><td></td><td></td></tr> </table>		Yes	No	NA		☒				☒				☒				☒				☒				☒															
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Comments:																																									
Dedicated Tubing: Y N (Circle)																																									
* Major well repair are those that require a subcontractor or separate mobilization to complete																																									

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: 53	Major wells repairs* required to maintain well integrity?	<table border="1" style="margin: auto;"> <tr> <th>Yes</th> <th>No</th> <th>NA</th> </tr> <tr> <td></td> <td style="text-align: center;">X</td> <td></td> </tr> </table>	Yes	No	NA		X	
Yes	No	NA						
	X							

	Yes	No	NA	<u>Comments</u>
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				
2. Inner casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				
3. Are there weep holes in outer casing?				
4. Weep holes able to drain?				
5. Is there a lockable cap present?				
6. Is there a lock present?				
7. Bumper posts in good condition?				
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
<u>General Condition</u>				
16. Concrete pad installed?	X			
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?				
Comments:				
Dedicated Tubing: Y N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: Hennepin 2025 Q3 Inspection Date: 7/14/25 Well Number: XPW01	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			X	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				<u>Comments</u>
Not corroded	X			
Not dented				
Not cracked				
Not loose	↓			
2. Inner casing				
Not corroded	X			
Not dented				
Not cracked	↓			
Not loose				
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?	↓			
5. Is there a lockable cap present?				
6. Is there a lock present?	↓			
7. Bumper posts in good condition?	↓			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?			NA	
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
General Condition				
16. Concrete pad installed?	X			
17. Concrete pad				
Slope away from casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?	↓			
19. Well clearly visible and labeled?	↓			
Comments:				
Dedicated Tubing: Y N (Circle)				

* Major well repair are those that require a subcontractor or separate mobilization to complete

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>XP1302</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA															
<u>Stick-up Monitoring Wells</u> <u>Comments</u>																			
1. Outer protective Casing Not corroded Not dented Not cracked Not loose	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>Yes</th><th>No</th><th>NA</th></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> </table>	Yes	No	NA	X			X			X			X					
Yes	No	NA																	
X																			
X																			
X																			
X																			
2. Inner casing Not corroded Not dented Not cracked Not loose	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>Yes</th><th>No</th><th>NA</th></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> </table>	Yes	No	NA	X			X			X			X					
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3. Are there weep holes in outer casing? 4. Weep holes able to drain? 5. Is there a lockable cap present? 6. Is there a lock present? 7. Bumper posts in good condition?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>Yes</th><th>No</th><th>NA</th></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> </table>	Yes	No	NA	X			X			X			X					
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<u>Flushmount Monitoring Wells</u> 8. Can the lid be secured tightly? 9. Does the lid have a gasket that seals? 10. No water in the flushmount? 11. Is the well cap lockable? 12. Is there a lock present?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>Yes</th><th>No</th><th>NA</th></tr> <tr><td></td><td style="text-align: center;">X</td><td></td></tr> <tr><td></td><td style="text-align: center;">X</td><td></td></tr> <tr><td></td><td style="text-align: center;">X</td><td></td></tr> <tr><td></td><td style="text-align: center;">X</td><td></td></tr> </table>	Yes	No	NA		X			X			X			X				
Yes	No	NA																	
	X																		
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	X																		
<u>All Monitoring Wells</u> Downhole Condition 12. Water level measuring point clearly marked? 13. No obstructions in well? 14. No plant roots or vegetation in well?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>Yes</th><th>No</th><th>NA</th></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> </table>	Yes	No	NA	X			X			X								
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X																			
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General Condition 16. Concrete pad installed? 17. Concrete pad Slope away from casing? Not deteriorated? Not heaved or below surrounding grade? 18. No surface seal settling? 19. Well clearly visible and labeled?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>Yes</th><th>No</th><th>NA</th></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> <tr><td style="text-align: center;">X</td><td></td><td></td></tr> </table>	Yes	No	NA	X			X			X			X					
Yes	No	NA																	
X																			
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X																			
X																			
Comments:																			
Dedicated Tubing: Y N (Circle)																			
* Major well repair are those that require a subcontractor or separate mobilization to complete																			

Monitoring Well Evaluation Checklist

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Site: <u>Hennepin 2025 Q3</u> Inspection Date: <u>7/14/25</u> Well Number: <u>XPW03</u>	Major wells repairs* required to maintain well integrity?	Yes	No	NA
			☒	

	Yes	No	NA	
<u>Stick-up Monitoring Wells</u>				
1. Outer protective Casing				
Not corroded	☒		☒	
Not dented	☒		☒	
Not cracked	☒			
Not loose	☒			
2. Inner casing				
Not corroded	☒			
Not dented	☒			
Not cracked	☒			
Not loose	☒			
3. Are there weep holes in outer casing?	☒			
4. Weep holes able to drain?	☒			
5. Is there a lockable cap present?	☒			
6. Is there a lock present?	☒			
7. Bumper posts in good condition?	☒			
<u>Flushmount Monitoring Wells</u>				
8. Can the lid be secured tightly?				
9. Does the lid have a gasket that seals?				
10. No water in the flushmount?				
11. Is the well cap lockable?				
12. Is there a lock present?				
<u>All Monitoring Wells</u>				
Downhole Condition				
12. Water level measuring point clearly marked?	☒			
13. No obstructions in well?	☒			
14. No plant roots or vegetation in well?	☒			
<u>General Condition</u>				
16. Concrete pad installed?	☒			
17. Concrete pad				
Slope away from casing?	☒			
Not deteriorated?	☒			
Not heaved or below surrounding grade?	☒			
18. No surface seal settling?	☒			
19. Well clearly visible and labeled?	☒			
Comments:				
Dedicated Tubing: Y N (Circle)				
* Major well repair are those that require a subcontractor or separate mobilization to complete				

METER SUMMARY		
Meter	Make/Model	Serial #
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)	YSI	218054
Turbidity Meter		
Other:		

Time HH:MM	Calibration Standard Temp deg C	Specific Conductance (Before Adj.) µS/cm	Specific Conductance (After Adj.) µS/cm	Bump	Standard Lot No.	56D00439
0709	22.4	1.388	1.339		Calibration Standard Value	1.413
					Standard Exp. Date	4/26

pH²

2) A 3-point pH calibration should be used if a 2-point does not bracket the range of pH expected or if the range is unknown or expected to vary greatly.

Time HH:MM	Calibration Standard Value mV	Calibration Standard Temp deg C	ORP (Before Adj.) µS/cm	ORP (After Adj.) µS/cm	Standard Lot No.	Standard Exp. Date
0725	240.0	22.3	240.7			

% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L
100%						
0 %	0728	768.3	9.00	0	9.0	8.99

0 NTU			124 NTU		
Time HH:MM	Initial Reading NTU	Calibrated To NTU	Time HH:MM	Initial Reading NTU	Calibrated To NTU
0732	-1.08	0	0736	123.17	124.0
			Standard Lot No: 25824019142		
			Standard Exp. Date: 2/26		

Daily Dissolved Oxygen Calibration

Notes:

Daily Calibration Requirements:
3 pH bumps daily
1 Bump turbidity daily
1 Bump orp daily
1 Bump Spec. Conductivity daily
Daily Dissolved Oxygen Calibration

PROJECT INFORMATION: 5 QUARTERLY REPORT - QUARTER 3, 2025
Client: HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4

LOGO

Site: Hennepin
Project Number 2024.1111
Calibrated By (G. S. S.)

Client:
Task #:

HENNEPIN POWER PLANT, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805
Date: 1/1/85

HE-845-802-805
Date: _____

05 11/12/25

METER SUMMARY

Meter	Make/Model	Serial #
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)	YSE	22333
Turbidity Meter		
Other:		

SPECIFIC CONDUCTANCE

Time HH:MM	Calibration Standard Temp deg C	Specific Conductance (Before Adj.) µS/cm	Specific Conductance (After Adj.) µS/cm	Standard Lot No.
0717	23	1330	1356	5060432
				Calibration Standard Value
				Standard Exp. Date

1) Perform SC calibration prior to pH, as pH standard is extremely conductive and can skew calibration.

pH 2

Time HH:MM	pH Buffer	Calibration Standard Temp deg C	pH (Before Adj.)	pH (After Adj.)	Slope	MV	Buffer Lot #'s	
0721	7	22.9	7.01	7.01			pH 7	5660771
0721	4	22.9	4.04	4.00			pH 4	5660468
0721	10	22.9	10.06	10.02			pH 10	AGT 0207
1411	7	24.2	7.08	NA Bump			Buffer Exp. Dates	
1436	10	23.5	10.02	NA Bump			pH 7	03/27
1650	4	24.1	4.12	NA Bump			pH 4	03/27
1651	7	24.1	7.02	NA Bump			pH 10	10/28

2) A 3-point pH calibration should be used if a 2-point does not bracket the range of pH expected or if the range is unknown.

2) A 3-point pH calibration should be used if a 2-point does not bracket the range of pH expected or if the range is unknown or expected to vary greatly.

ORP

Time HH:MM	Calibration Standard Value mV	Calibration Standard Temp deg C	ORP (Before Adj.) µS/cm	ORP (After Adj.) µS/cm	Standard Lot No.	Standard Exp. Date
0728	240	22.2	239.9	NA, Comp		

DISSOLVED OXYGEN

DISSOLVED OXYGEN

% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L
100%						
0%	0721	764.3	8.9	0	9.0	764.3 8.9

TURBIDITY

0 NTU		
Time HH:MM	Initial Reading NTU	Calibrated To NTU
0735	② 2.92	0

12.1 NTU		
Time HH:MM	Initial Reading NTU	Calibrated To NTU
0735	117.70	124.6
Standard Lot No:		25B240 / 9/192
Standard Exp. Date		02/26

Notes:

Daily Calibration Requirements:

3 pH bumps daily

1 Bump turbidity daily

1 Bump orp daily

1 Bump Spec. Conductivity daily

Daily Dissolved Oxygen Calibration

23.

↓ 2° ↓ 4%

LOGO		PROJECT INFORMATION					ATTACHMENT B:	
		845 QUARTERLY REPORT - QUARTER 3, 2025						
		Site: Hennepin		Client: HENNEPIN POWER PLANT, ASH POND		Date: 12-28-25		
		Project Number 2024.1111		Task #:		HEN-845-802-805		
Calibrated By ()		Thomas Casey						
METER SUMMARY								
Meter			Make/Model			Serial #		
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)			YSI			218054		
Turbidity Meter								
Other:								
SPECIFIC CONDUCTANCE¹								
Time HH:MM	Calibration Standard Temp deg C	Specific Conductance (Before Adj.) μ S/cm	Specific Conductance (After Adj.) μ S/cm	Bump	Standard Lot No.		5600439	
06:58	22.7	1.416			Calibration Standard Value		1.413	
					Standard Exp. Date		4/26	
1) Perform SC calibration prior to pH, as pH standard is extremely conductive and can skew calibration.								
pH²								
Time HH:MM	pH Buffer	Calibration Standard Temp deg C	pH (Before Adj.)	pH (After Adj.)	Slope	MV	Buffer Lot #'s	
07:05	7	22.7	7.05	N/A Bump			pH 7	56C0468
11:30	10	32.2	10.12	N/A Bump			pH 4	56C0771
							pH 10	AGT0207
							Buffer Exp. Dates	
							pH 7	3/27
							pH 4	3/27
							pH 10	10/26
2) A 3-point pH calibration should be used if a 2-point does not bracket the range of pH expected or if the range is unknown or expected to vary greatly.								
ORP								
Time HH:MM	Calibration Standard Value mV	Calibration Standard Temp deg C	ORP (Before Adj.) μ S/cm	ORP (After Adj.) μ S/cm	Standard Lot No.		Standard Exp. Date	
7:07	240.0	22.7	238.1					
DISSOLVED OXYGEN								
% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L		
100%	7:16	767.2	8.50	0	8.54	8.54		
0 %								
TURBIDITY								
0 NTU				12.1 NTU				
Time HH:MM	Initial Reading NTU	Calibrated To NTU	Time HH:MM	Initial Reading NTU	Calibrated To NTU			
7:18	5.47	N/A Bump	7:22	118.14	N/A Bump			
				Standard Lot No:		25B24019192		
				Standard Exp. Date		2/26		

Notes:

1 bump due to 1/4 day sampling

- Daily Calibration Requirements:
- 3 pH bumps daily
 - 1 Bump turbidity daily
 - 1 Bump orp daily
 - 1 Bump Spec. Conductivity daily
 - Daily Dissolved Oxvaen Calibration

INSTRUMENT QC/RACKING LIST

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
EPA REGION 9, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Description	YSI ProDSS sonde and display
Sonde ID#	218078
Display ID#	218054
Date Calibrated	7-3-25



Standard Items	Prepared	QC check	Received by customer	Returned to Pine
YSI ProDSS sonde w/ 4 m cable and case	✓	✓		
YSI ProDSS Display	✓	✓		
Manual	✓	✓		
Battery Charger	✓	✓		
• USB to Micro USB				
• AC adapter				
Calibration/ Storage cup	✓	✓		
• sponge				
• O-ring				
• Retaining ring				
• Bottom cap				
Flow cell	✓	✓		
• Top				
• Bottom				
• Center window				
• (2) Threaded locking rings				
• (2) O-rings				
Probe Guard	✓	✓		
2 of each barb size (1/4, 3/8, 1/2)	✓	✓		
Comm. cable: Micro USB to Female USB	✓	✓		
YSI KorDSS Software	✓	✓		
Calibration kit, pH (4,7,10), 1.413 mS/cm conductivity, 124 NTU, 0.0 NTU, and ORP	✓	✓		
ProCal Calibration Sheet	✓	✓		
Supporting Items				
Probe guard weight (required w/ cables > 10m.)				

Prepared by: TW

QC checked by: [Signature]

Date: 7-3-25

This packing list is to ensure that every item needed to operate the unit was sent and received. Upon receiving a shipment, please fill out the "Received by customer" column. Call Pine within 24 hours of receiving the equipment if any pieces are missing, damaged, or malfunctioning. Thank you for choosing Pine Environmental Services LLC



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 218078
Description YSI Pro DSS Sonde - 10meter cable
Calibrated 7/3/2025 2:44:57PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 23F102669
Location Illinois
Department ENV

State Certified
Status Pass
Temp °C 32
Humidity % 41

Calibration Specifications

Group # 1
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.458	1.413	0.00%	Pass

Group # 2
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.60	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.74	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.10	10.00	0.00%	Pass

Group # 3
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	142.20	240.00	0.00%	Pass

Group # 4
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
100.00 / 100.00	%	100.00	%	91.60	100.00	0.00%	Pass

Group # 5
Group Name Turbidity (NTU)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	FNU	0.00	FNU	2.23	0.00	0.00%	Pass
124.00 / 124.00	FNU	124.00	FNU	104.38	124.00	0.00%	Pass



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 218078

Description YSI Pro DSS Sonde - 10meter cable

Calibrated 7/3/2025 2:44:57PM

<u>Test Instruments Used During the Calibration</u>					<u>(As Of Cal Entry Date)</u>	
<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date / Opened Date</u>	<u>Next Cal Date / Expiration Date</u>
IL CON.. 1.413	1413 Conductivity Standard 10/25	AquaPhoenix Scientific	code: 31986	5gd0439	6/3/2025	6/3/2026
IL NTU 0 AUTO CAL,	IL NTU 0 AUTO CAL	GFS	8483	24018311	4/29/2025	4/29/2026
IL NTU 124 TURB	IL NTU 124 TURB	YSI	607300	25E24021137	6/9/2025	5/9/2026
IL ORP.	IL ORP 240mV	Pine Environmental Services, Inc.	ORP 240mV	4gj1196		7/30/2025
IL PH 10.	IL PH 10	AquaPhoenix Scientific		4gj0207	3/4/2025	10/30/2026
IL PH 4	IL PH 4	Pine Environmental Services, Inc.		4gj1193	3/4/2025	9/4/2025
IL PH 7.	IL PH 7	AquaPhoenix Scientific	32025	4gj0207	6/3/2025	12/3/2025

Notes about this calibration

Calibration Result Calibration Successful

Who Calibrated Timothy Waychunas

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment

Please call 800-301-9663 for Technical Assistance



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 218054
Description YSI Pro DSS Display
Calibrated 7/3/2025 2:45:40PM

Manufacturer YSI
Model Number YSI Pro Dss
Serial Number/ Lot Number 23E101410
Location Illinios
Department ENV

State Certified
Status Pass
Temp °C 32
Humidity % 41

Calibration Specifications

Group # 1
Group Name Instrument Test
Test Performed: Yes **As Found Result: Pass** **As Left Result: Pass**

Test Instruments Used During the Calibration

(As Of Cal Entry Date)

<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Next Cal Date / Last Cal Date/ Expiration Date</u>	<u>Opened Date</u>
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Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Timothy Waychunas

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INSTRUMENT QC/RACKING LIST

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
GENERAL INVESTIGATION, ASH PONDS NO. 2 AND NO. 4
HEN-845-802-805

Description	YSI ProDSS sonde and display
Sonde ID#	223358
Display ID#	223337
Date Calibrated	



Standard Items	Prepared	QC check	Received by customer	Returned to Pine
YSI ProDSS sonde w/ 4 m cable and case	✓	✓		
YSI ProDSS Display	✓	✓		
Manual	✓	✓		
Battery Charger	✓	✓		
• USB to Micro USB				
• AC adapter				
Calibration/ Storage cup	✓	✓		
• sponge				
• O-ring				
• Retaining ring				
• Bottom cap				
Flow cell	✓	✓		
• Top				
• Bottom				
• Center window				
• (2) Threaded locking rings				
• (2) O-rings				
Probe Guard	✓	✓		
2 of each barb size (1/4, 3/8, 1/2)	✓	✓		
Comm. cable: Micro USB to Female USB	✓	✓		
YSI KorDSS Software	✓	✓		
Calibration kit, pH (4,7,10), 1.413 mS/cm conductivity, 124 NTU, 0.0 NTU, and ORP	✓	✓		
ProCal Calibration Sheet	✓	✓		
Supporting Items				
Probe guard weight (required w/ cables > 10m.)				

Prepared by:

QC checked by:

Date: 7-3-25

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INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 223358

Description YSI Pro DSS Sonde - 4meter cable

Calibrated 7/3/2025 1:43:38PM

Manufacturer YSI

Model Number Pro DSS

Serial Number/ Lot 24B105095
Number

Location Illinois

Department ENV

State Certified

Status Pass

Temp °C 31

Humidity % 46

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.92	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	5.24	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.49	10.00	0.00%	Pass

Group # 2
Group Name Turbidity (NTU)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	2.49	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	125.57	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.392	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	199.30	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
100.00 / 100.00	%	100.00	%	102.70	100.00	0.00%	Pass



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 223358

Description YSI Pro DSS Sonde - 4meter cable

Calibrated 7/3/2025 1:43:38PM

<u>Test Instruments Used During the Calibration</u>					<u>(As Of Cal Entry Date)</u>	
<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date / Opened Date</u>	<u>Next Cal Date / Expiration Date</u>
IL CON.. 1.413	1413 Conductivity Standard 10/25	AquaPhoenix Scientific	code: 31986	5gd0439	6/3/2025	6/3/2026
IL NTU 0 AUTO CAL,	IL NTU 0 AUTO CAL	GFS	8483	24018311	4/29/2025	4/29/2026
IL NTU 124 TURB	IL NTU 124 TURB	YSI	607300	25E24021137	6/9/2025	5/9/2026
IL ORP.	IL ORP 240mV	Pine Environmental Services, Inc.	ORP 240mV	4gj1196		7/30/2025
IL PH 10.	IL PH 10	AquaPhoenix Scientific		4gj0207	3/4/2025	10/30/2026
IL PH 4	IL PH 4	Pine Environmental Services, Inc.		4gj1193	3/4/2025	9/4/2025
IL PH 7.	IL PH 7	AquaPhoenix Scientific	32025	4gj0207	6/3/2025	12/3/2025

Notes about this calibration

Calibration Result Calibration Successful

Who Calibrated Timothy Waychunas

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INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 223333

Description YSI Pro DSS Display

Calibrated 7/3/2025 1:44:21PM

Manufacturer YSI

Model Number YSI Pro DSS

Serial Number/ Lot 24C101121
Number

Location Illinois

Department ENV

State Certified

Status Pass

Temp °C 31

Humidity % 46

Calibration Specifications

Group # 1

Group Name Instrument Test

Test Performed: Yes

As Found Result: Pass

As Left Result: Pass

Test Instruments Used During the Calibration

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	(As Of Cal Entry Date)
					Next Cal Date / Last Cal Date/ Expiration Date Opened Date

Notes about this calibration

Calibration Result Calibration Successful

Who Calibrated Timothy Waychunas

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**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 3, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.001
03R	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.001	0.001
03R	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CI around geomean	0.0615	0.212
03R	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.001
03R	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	0.241	0.163
03R	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.000625	0.00230
03R	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CI around geomean	71.9	435
03R	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.00177	0.00100
03R	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	33	97	CI around median	0.001	0.0380
03R	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CI around median	0.27	0.120
03R	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.0005	0.00150
03R	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0166	0.0190
03R	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.0002
03R	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0564	0.00170
03R	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around mean	7.2/7.3	6.6/7.5
03R	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around median	0.319	1.50
03R	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	34	6	CI around mean	0.00479	0.00140
03R	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	70	215
03R	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.001
03R	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	511	1,620
18S	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.001
18S	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	97	CI around median	0.001	0.001
18S	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0497	0.212
18S	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.001
18S	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	1.07	0.163
18S	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	91	CB around T-S line	0.000543	0.00230
18S	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	68.6	435

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	33	61	CB around T-S line	0.00154	0.00100
18S	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.001	0.0380
18S	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CB around T-S line	0.174	0.120
18S	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.0005	0.00150
18S	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around T-S line	0.0293	0.0190
18S	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.0002
18S	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0725	0.00170
18S	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around median	7.3/7.4	6.6/7.5
18S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around mean	0.348	1.50
18S	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around T-S line	0.00178	0.00140
18S	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	84.1	215
18S	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.001
18S	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	476	1,620
18D	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.001
18D	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.001	0.001
18D	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around T-S line	0.0607	0.212
18D	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.001
18D	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	1.06	0.163
18D	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.000694	0.00230
18D	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	75.8	435
18D	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.00178	0.00100
18D	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	-0.000586	0.0380
18D	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CI around median	0.15	0.120
18D	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.000761	0.00150
18D	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0222	0.0190
18D	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.0002
18D	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CI around median	0.0315	0.00170

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around median	7.2/7.2	6.6/7.5
18D	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around mean	0.557	1.50
18D	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.001	0.00140
18D	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	86.4	215
18D	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.001
18D	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	472	1,620
45S	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.001
45S	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	94	CI around median	0.001	0.001
45S	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0805	0.212
45S	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.001
45S	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	35	0	CB around linear reg	0.225	0.163
45S	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	36	CB around linear reg	0.000643	0.00230
45S	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	35	0	CI around mean	82.2	435
45S	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.00181	0.00100
45S	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	34	12	CI around geomean	0.00149	0.0380
45S	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CB around T-S line	0.233	0.120
45S	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	78	CI around median	0.001	0.00150
45S	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0112	0.0190
45S	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.0002
45S	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0368	0.00170
45S	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	35	0	CI around mean	7.1/7.2	6.6/7.5
45S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around geomean	0.442	1.50
45S	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	33	100	All ND - Last	0.0025	0.00140
45S	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	35	0	CI around median	70	215
45S	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.001
45S	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	35	0	CI around mean	531	1,620

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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) 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:

E010 = Quarter 3, 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 linear reg = Confidence band around linear regression

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

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