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 East Ash Pond; IEPA ID # W1550100002-05

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 East Ash Pond, identified by Illinois Environmental Protection Agency (IEPA) ID No. W1550100002-05. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances[1] of the GWPS.

Sincerely,

Dianna Tickner

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

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 3, 2025, East Ash Pond, Hennepin Power Plant, Hennepin, Illinois

[1] Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or GWPSs as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Dynegy Midwest Generation, LLC's operating permit application for Hennepin Power Plant East Ash Pond, 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.

RAMBOLL

ENVIRONMENT
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35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES[1]
QUARTER 3, 2025
EAST ASH POND, 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. The water level in monitoring well 12 was below the top of the dedicated pump; therefore, a groundwater elevation was not collected for this sampling event. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 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 IEPA[3], 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

FIGURES

[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 East Ash Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Dynegy Midwest Generation, LLC has not identified any actual exceedances.

[2] Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Groundwater Monitoring Plan. East Ash Pond. Hennepin Power Plant. Hennepin, Illinois. October 25, 2021.*

[3] Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025. *Groundwater Monitoring Plan Revision 1. East Ash Pond. 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
EAST ASH POND
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

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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
12	Compliance	E010	07/16/2025	Antimony, total	0.0013 U	mg/L
12	Compliance	E010	07/16/2025	Arsenic, total	0.001 UJ	mg/L
12	Compliance	E010	07/16/2025	Barium, total	0.0570 J+	mg/L
12	Compliance	E010	07/16/2025	Beryllium, total	0.00053 U	mg/L
12	Compliance	E010	07/16/2025	Boron, total	0.140 J+	mg/L
12	Compliance	E010	07/16/2025	Cadmium, total	0.00017 U	mg/L
12	Compliance	E010	07/16/2025	Calcium, total	73.0 J+	mg/L
12	Compliance	E010	07/16/2025	Chloride, total	82.0	mg/L
12	Compliance	E010	07/16/2025	Chromium, total	0.0011 U	mg/L
12	Compliance	E010	07/16/2025	Cobalt, total	0.0004 U	mg/L
12	Compliance	E010	07/16/2025	Dissolved Oxygen	0.550	mg/L
12	Compliance	E010	07/16/2025	Fluoride, total	0.310 J+	mg/L
12	Compliance	E010	07/16/2025	Lead, total	0.00019 U	mg/L
12	Compliance	E010	07/16/2025	Lithium, total	0.00820 J+	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
12	Compliance	E010	07/16/2025	Mercury, total	0.000076 U	mg/L
12	Compliance	E010	07/16/2025	Molybdenum, total	0.0130	mg/L
12	Compliance	E010	07/16/2025	Oxidation Reduction Potential	95.0	mV
12	Compliance	E010	07/16/2025	pH (field)	7.4	SU
12	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	0.0998	pCi/L
12	Compliance	E010	07/16/2025	Selenium, total	0.00099 J	mg/L
12	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	771	micromhos/cm
12	Compliance	E010	07/16/2025	Sulfate, total	64.0 J+	mg/L
12	Compliance	E010	07/16/2025	Temperature	19.2	degrees C
12	Compliance	E010	07/16/2025	Thallium, total	0.00057 U	mg/L
12	Compliance	E010	07/16/2025	Total Dissolved Solids	490 J+	mg/L
12	Compliance	E010	07/16/2025	Turbidity, field	0.750	NTU
13	Compliance	E010	07/16/2025	Antimony, total	0.0013 U	mg/L
13	Compliance	E010	07/16/2025	Arsenic, total	0.001 UJ	mg/L
13	Compliance	E010	07/16/2025	Barium, total	0.0460 J+	mg/L
13	Compliance	E010	07/16/2025	Beryllium, total	0.00053 U	mg/L
13	Compliance	E010	07/16/2025	Boron, total	0.160 J+	mg/L
13	Compliance	E010	07/16/2025	Cadmium, total	0.00017 U	mg/L
13	Compliance	E010	07/16/2025	Calcium, total	74.0 J+	mg/L
13	Compliance	E010	07/16/2025	Chloride, total	82.0	mg/L
13	Compliance	E010	07/16/2025	Chromium, total	0.0011 U	mg/L
13	Compliance	E010	07/16/2025	Cobalt, total	0.0004 U	mg/L
13	Compliance	E010	07/16/2025	Dissolved Oxygen	0.890	mg/L
13	Compliance	E010	07/16/2025	Fluoride, total	0.290 J+	mg/L
13	Compliance	E010	07/16/2025	Lead, total	0.00019 U	mg/L
13	Compliance	E010	07/16/2025	Lithium, total	0.0100 J+	mg/L
13	Compliance	E010	07/16/2025	Mercury, total	0.000076 U	mg/L
13	Compliance	E010	07/16/2025	Molybdenum, total	0.0110	mg/L
13	Compliance	E010	07/16/2025	Oxidation Reduction Potential	71.7	mV
13	Compliance	E010	07/16/2025	pH (field)	7.4	SU
13	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	0.0398	pCi/L
13	Compliance	E010	07/16/2025	Selenium, total	0.0013 J	mg/L
13	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	781	micromhos/cm
13	Compliance	E010	07/16/2025	Sulfate, total	66.0 J+	mg/L
13	Compliance	E010	07/16/2025	Temperature	19.9	degrees C
13	Compliance	E010	07/16/2025	Thallium, total	0.00057 U	mg/L
13	Compliance	E010	07/16/2025	Total Dissolved Solids	480 J+	mg/L
13	Compliance	E010	07/16/2025	Turbidity, field	0.820	NTU
46	Compliance	E010	07/16/2025	Antimony, total	0.0013 U	mg/L
46	Compliance	E010	07/16/2025	Arsenic, total	0.00023 U	mg/L
46	Compliance	E010	07/16/2025	Barium, total	0.0650 J+	mg/L
46	Compliance	E010	07/16/2025	Beryllium, total	0.00053 U	mg/L
46	Compliance	E010	07/16/2025	Boron, total	0.140 J+	mg/L
46	Compliance	E010	07/16/2025	Cadmium, total	0.00017 U	mg/L
46	Compliance	E010	07/16/2025	Calcium, total	71.0 J+	mg/L
46	Compliance	E010	07/16/2025	Chloride, total	83.0	mg/L

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HENNEPIN POWER PLANT
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HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
46	Compliance	E010	07/16/2025	Chromium, total	0.0011 U	mg/L
46	Compliance	E010	07/16/2025	Cobalt, total	0.0004 U	mg/L
46	Compliance	E010	07/16/2025	Dissolved Oxygen	0.710	mg/L
46	Compliance	E010	07/16/2025	Fluoride, total	0.340 J+	mg/L
46	Compliance	E010	07/16/2025	Lead, total	0.00019 U	mg/L
46	Compliance	E010	07/16/2025	Lithium, total	0.00760 J+	mg/L
46	Compliance	E010	07/16/2025	Mercury, total	0.000076 U	mg/L
46	Compliance	E010	07/16/2025	Molybdenum, total	0.0160	mg/L
46	Compliance	E010	07/16/2025	Oxidation Reduction Potential	90.1	mV
46	Compliance	E010	07/16/2025	pH (field)	7.4	SU
46	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	0.708	pCi/L
46	Compliance	E010	07/16/2025	Selenium, total	0.0013 J	mg/L
46	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	767	micromhos/cm
46	Compliance	E010	07/16/2025	Sulfate, total	64.0 J+	mg/L
46	Compliance	E010	07/16/2025	Temperature	20.9	degrees C
46	Compliance	E010	07/16/2025	Thallium, total	0.00057 U	mg/L
46	Compliance	E010	07/16/2025	Total Dissolved Solids	430 J+	mg/L
46	Compliance	E010	07/16/2025	Turbidity, field	1.16	NTU
47	Compliance	E010	07/16/2025	Antimony, total	0.0013 U	mg/L
47	Compliance	E010	07/16/2025	Arsenic, total	0.00023 U	mg/L
47	Compliance	E010	07/16/2025	Barium, total	0.0640 J+	mg/L
47	Compliance	E010	07/16/2025	Beryllium, total	0.00053 U	mg/L
47	Compliance	E010	07/16/2025	Boron, total	0.130 J+	mg/L
47	Compliance	E010	07/16/2025	Cadmium, total	0.00017 U	mg/L
47	Compliance	E010	07/16/2025	Calcium, total	80.0 J+	mg/L
47	Compliance	E010	07/16/2025	Chloride, total	80.0	mg/L
47	Compliance	E010	07/16/2025	Chromium, total	0.0011 U	mg/L
47	Compliance	E010	07/16/2025	Cobalt, total	0.0004 U	mg/L
47	Compliance	E010	07/16/2025	Dissolved Oxygen	1.79	mg/L
47	Compliance	E010	07/16/2025	Fluoride, total	0.340 J+	mg/L
47	Compliance	E010	07/16/2025	Lead, total	0.00019 U	mg/L
47	Compliance	E010	07/16/2025	Lithium, total	0.00850 J+	mg/L
47	Compliance	E010	07/16/2025	Mercury, total	0.000076 U	mg/L
47	Compliance	E010	07/16/2025	Molybdenum, total	0.0230	mg/L
47	Compliance	E010	07/16/2025	Oxidation Reduction Potential	106	mV
47	Compliance	E010	07/16/2025	pH (field)	7.3	SU
47	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	0.64	pCi/L
47	Compliance	E010	07/16/2025	Selenium, total	0.00098 U	mg/L
47	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	795	micromhos/cm
47	Compliance	E010	07/16/2025	Sulfate, total	64.0 J+	mg/L
47	Compliance	E010	07/16/2025	Temperature	19.3	degrees C
47	Compliance	E010	07/16/2025	Thallium, total	0.00057 U	mg/L
47	Compliance	E010	07/16/2025	Total Dissolved Solids	490 J+	mg/L
47	Compliance	E010	07/16/2025	Turbidity, field	2.34	NTU
52	Compliance	E010	07/17/2025	Antimony, total	0.0013 U	mg/L
52	Compliance	E010	07/17/2025	Arsenic, total	0.00023 U	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
52	Compliance	E010	07/17/2025	Barium, total	0.0860 J+	mg/L
52	Compliance	E010	07/17/2025	Beryllium, total	0.00053 U	mg/L
52	Compliance	E010	07/17/2025	Boron, total	0.220 J+	mg/L
52	Compliance	E010	07/17/2025	Cadmium, total	0.00017 U	mg/L
52	Compliance	E010	07/17/2025	Calcium, total	92.0 J+	mg/L
52	Compliance	E010	07/17/2025	Chloride, total	87.0	mg/L
52	Compliance	E010	07/17/2025	Chromium, total	0.0012 J	mg/L
52	Compliance	E010	07/17/2025	Cobalt, total	0.0004 U	mg/L
52	Compliance	E010	07/17/2025	Dissolved Oxygen	0.700	mg/L
52	Compliance	E010	07/17/2025	Fluoride, total	0.420 J+	mg/L
52	Compliance	E010	07/17/2025	Lead, total	0.00019 U	mg/L
52	Compliance	E010	07/17/2025	Lithium, total	0.00970 J+	mg/L
52	Compliance	E010	07/17/2025	Mercury, total	0.000076 U	mg/L
52	Compliance	E010	07/17/2025	Molybdenum, total	0.0210	mg/L
52	Compliance	E010	07/17/2025	Oxidation Reduction Potential	90.2	mV
52	Compliance	E010	07/17/2025	pH (field)	7.1	SU
52	Compliance	E010	07/17/2025	Radium 226 + Radium 228, total	0.211	pCi/L
52	Compliance	E010	07/17/2025	Selenium, total	0.00098 U	mg/L
52	Compliance	E010	07/17/2025	Specific Conductance @ 25C (field)	835	micromhos/cm
52	Compliance	E010	07/17/2025	Sulfate, total	68.0 J+	mg/L
52	Compliance	E010	07/17/2025	Temperature	20.7	degrees C
52	Compliance	E010	07/17/2025	Thallium, total	0.00057 U	mg/L
52	Compliance	E010	07/17/2025	Total Dissolved Solids	500 J+	mg/L
52	Compliance	E010	07/17/2025	Turbidity, field	1.34	NTU
54	Compliance	E010	07/16/2025	Antimony, total	0.0013 U	mg/L
54	Compliance	E010	07/16/2025	Arsenic, total	0.001 UJ	mg/L
54	Compliance	E010	07/16/2025	Barium, total	0.0490 J+	mg/L
54	Compliance	E010	07/16/2025	Beryllium, total	0.00053 U	mg/L
54	Compliance	E010	07/16/2025	Boron, total	0.170 J+	mg/L
54	Compliance	E010	07/16/2025	Cadmium, total	0.00017 U	mg/L
54	Compliance	E010	07/16/2025	Calcium, total	75.0 J+	mg/L
54	Compliance	E010	07/16/2025	Chloride, total	83.0	mg/L
54	Compliance	E010	07/16/2025	Chromium, total	0.0011 U	mg/L
54	Compliance	E010	07/16/2025	Cobalt, total	0.0004 U	mg/L
54	Compliance	E010	07/16/2025	Dissolved Oxygen	2.28	mg/L
54	Compliance	E010	07/16/2025	Fluoride, total	0.320 J+	mg/L
54	Compliance	E010	07/16/2025	Lead, total	0.00019 U	mg/L
54	Compliance	E010	07/16/2025	Lithium, total	0.0120 J+	mg/L
54	Compliance	E010	07/16/2025	Mercury, total	0.000076 U	mg/L
54	Compliance	E010	07/16/2025	Molybdenum, total	0.0240	mg/L
54	Compliance	E010	07/16/2025	Oxidation Reduction Potential	102	mV
54	Compliance	E010	07/16/2025	pH (field)	7.4	SU
54	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	0.386	pCi/L
54	Compliance	E010	07/16/2025	Selenium, total	0.00098 U	mg/L
54	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	785	micromhos/cm
54	Compliance	E010	07/16/2025	Sulfate, total	67.0 J+	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
54	Compliance	E010	07/16/2025	Temperature	18.8	degrees C
54	Compliance	E010	07/16/2025	Thallium, total	0.00057 U	mg/L
54	Compliance	E010	07/16/2025	Total Dissolved Solids	460 J+	mg/L
54	Compliance	E010	07/16/2025	Turbidity, field	1.17	NTU

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):
NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
12	UA	E010	Antimony, total	mg/L	12/09/15 - 07/16/25	25	100	All ND - Last	0.003	0.006	Standard	No Exceedance
12	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/16/25	30	100	All ND - Last	0.001	0.010	Standard	No Exceedance
12	UA	E010	Barium, total	mg/L	12/09/15 - 07/16/25	32	0	CI around mean	0.0535	2.0	Standard	No Exceedance
12	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
12	UA	E010	Boron, total	mg/L	12/09/15 - 07/16/25	33	0	CB around T-S line	0.0218	2	Standard	No Exceedance
12	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/16/25	34	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
12	UA	E010	Chloride, total	mg/L	12/09/15 - 07/16/25	33	0	CI around mean	71.1	435	Background	No Exceedance
12	UA	E010	Chromium, total	mg/L	12/09/15 - 07/16/25	30	97	CB around T-S line	0.0018	0.1	Standard	No Exceedance
12	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/16/25	28	100	All ND - Last	0.001	0.0380	Background	No Exceedance
12	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/16/25	33	3	CI around median	0.22	4.0	Standard	No Exceedance
12	UA	E010	Lead, total	mg/L	12/09/15 - 07/16/25	30	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
12	UA	E010	Lithium, total	mg/L	12/09/15 - 07/16/25	29	3	CB around linear reg	0.00596	0.04	Standard	No Exceedance
12	UA	E010	Mercury, total	mg/L	12/09/15 - 07/16/25	27	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
12	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/16/25	32	0	CB around linear reg	0.00776	0.1	Standard	No Exceedance
12	UA	E010	pH (field)	SU	12/09/15 - 07/16/25	40	0	CI around mean	7.3/7.4	6.5/9.0	Standard/Standard	No Exceedance
12	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/16/25	28	0	CI around geomean	0.351	5	Standard	No Exceedance
12	UA	E010	Selenium, total	mg/L	12/09/15 - 07/16/25	32	53	CI around median	0.0011	0.05	Standard	No Exceedance
12	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/16/25	33	0	CI around median	62	400	Standard	No Exceedance
12	UA	E010	Thallium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
12	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/16/25	29	0	CI around mean	470	1,620	Background	No Exceedance
13	UA	E010	Antimony, total	mg/L	12/09/15 - 07/16/25	26	96	CB around T-S line	0.001	0.006	Standard	No Exceedance
13	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/16/25	31	97	CI around median	0.001	0.010	Standard	No Exceedance
13	UA	E010	Barium, total	mg/L	12/09/15 - 07/16/25	33	0	CI around mean	0.0436	2.0	Standard	No Exceedance
13	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/16/25	25	100	All ND - Last	0.001	0.004	Standard	No Exceedance
13	UA	E010	Boron, total	mg/L	12/09/15 - 07/16/25	34	0	CB around linear reg	-0.0178	2	Standard	No Exceedance
13	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/16/25	35	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
13	UA	E010	Chloride, total	mg/L	12/09/15 - 07/16/25	34	0	CI around mean	73.4	435	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
13	UA	E010	Chromium, total	mg/L	12/09/15 - 07/16/25	31	87	CB around T-S line	0.00185	0.1	Standard	No Exceedance
13	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/16/25	29	100	All ND - Last	0.001	0.0380	Background	No Exceedance
13	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/16/25	34	3	CI around median	0.2	4.0	Standard	No Exceedance
13	UA	E010	Lead, total	mg/L	12/09/15 - 07/16/25	31	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
13	UA	E010	Lithium, total	mg/L	12/09/15 - 07/16/25	30	0	CB around linear reg	0.00902	0.04	Standard	No Exceedance
13	UA	E010	Mercury, total	mg/L	12/09/15 - 07/16/25	28	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
13	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/16/25	33	0	CB around linear reg	0.00867	0.1	Standard	No Exceedance
13	UA	E010	pH (field)	SU	12/09/15 - 07/16/25	41	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
13	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/16/25	29	0	CI around mean	0.449	5	Standard	No Exceedance
13	UA	E010	Selenium, total	mg/L	12/09/15 - 07/16/25	33	39	CI around mean	0.00134	0.05	Standard	No Exceedance
13	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/16/25	34	0	CI around mean	75.3	400	Standard	No Exceedance
13	UA	E010	Thallium, total	mg/L	12/09/15 - 07/16/25	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
13	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/16/25	33	0	CI around mean	486	1,620	Background	No Exceedance
46	UA	E010	Antimony, total	mg/L	12/09/15 - 07/16/25	25	100	All ND - Last	0.003	0.006	Standard	No Exceedance
46	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/16/25	27	100	All ND - Last	0.001	0.010	Standard	No Exceedance
46	UA	E010	Barium, total	mg/L	12/09/15 - 07/16/25	29	0	CB around linear reg	0.0663	2.0	Standard	No Exceedance
46	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
46	UA	E010	Boron, total	mg/L	12/09/15 - 07/16/25	30	0	CI around mean	0.192	2	Standard	No Exceedance
46	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/16/25	28	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
46	UA	E010	Chloride, total	mg/L	12/09/15 - 07/16/25	30	0	CI around mean	71.6	435	Background	No Exceedance
46	UA	E010	Chromium, total	mg/L	12/09/15 - 07/16/25	27	93	CB around T-S line	0.00185	0.1	Standard	No Exceedance
46	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/16/25	28	100	All ND - Last	0.001	0.0380	Background	No Exceedance
46	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/16/25	30	3	CI around median	0.24	4.0	Standard	No Exceedance
46	UA	E010	Lead, total	mg/L	12/09/15 - 07/16/25	27	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
46	UA	E010	Lithium, total	mg/L	12/09/15 - 07/16/25	29	3	CI around mean	0.00861	0.04	Standard	No Exceedance
46	UA	E010	Mercury, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
46	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/16/25	29	0	CB around T-S line	0.00855	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
46	UA	E010	pH (field)	SU	12/09/15 - 07/16/25	30	0	CB around linear reg	7.1/7.3	6.5/9.0	Standard/Standard	No Exceedance
46	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/16/25	29	0	CI around geomean	0.309	5	Standard	No Exceedance
46	UA	E010	Selenium, total	mg/L	12/09/15 - 07/16/25	29	69	CB around T-S line	0.001	0.05	Standard	No Exceedance
46	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/16/25	30	0	CI around geomean	63.1	400	Standard	No Exceedance
46	UA	E010	Thallium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
46	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/16/25	30	0	CB around linear reg	453	1,620	Background	No Exceedance
47	UA	E010	Antimony, total	mg/L	12/09/15 - 07/16/25	25	100	All ND - Last	0.003	0.006	Standard	No Exceedance
47	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/16/25	27	96	CI around median	0.001	0.010	Standard	No Exceedance
47	UA	E010	Barium, total	mg/L	12/09/15 - 07/16/25	29	0	CI around mean	0.0778	2.0	Standard	No Exceedance
47	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
47	UA	E010	Boron, total	mg/L	12/09/15 - 07/16/25	30	0	CI around geomean	0.217	2	Standard	No Exceedance
47	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/16/25	28	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
47	UA	E010	Chloride, total	mg/L	12/09/15 - 07/16/25	30	0	CI around mean	73.8	435	Background	No Exceedance
47	UA	E010	Chromium, total	mg/L	12/09/15 - 07/16/25	27	96	CB around T-S line	0.00192	0.1	Standard	No Exceedance
47	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/16/25	28	86	CI around median	0.001	0.0380	Background	No Exceedance
47	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/16/25	30	3	CB around T-S line	0.213	4.0	Standard	No Exceedance
47	UA	E010	Lead, total	mg/L	12/09/15 - 07/16/25	27	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
47	UA	E010	Lithium, total	mg/L	12/09/15 - 07/16/25	29	0	CI around mean	0.0087	0.04	Standard	No Exceedance
47	UA	E010	Mercury, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
47	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/16/25	29	0	CB around linear reg	0.0136	0.1	Standard	No Exceedance
47	UA	E010	pH (field)	SU	12/09/15 - 07/16/25	30	0	CI around mean	7.0/7.1	6.5/9.0	Standard/Standard	No Exceedance
47	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/16/25	29	0	CI around geomean	0.317	5	Standard	No Exceedance
47	UA	E010	Selenium, total	mg/L	12/09/15 - 07/16/25	28	89	CB around T-S line	0.001	0.05	Standard	No Exceedance
47	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/16/25	30	0	CI around mean	65.3	400	Standard	No Exceedance
47	UA	E010	Thallium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
47	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/16/25	30	0	CI around mean	482	1,620	Background	No Exceedance
52	UA	E010	Antimony, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.003	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
52	UA	E010	Arsenic, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.001	0.010	Standard	No Exceedance
52	UA	E010	Barium, total	mg/L	02/24/21 - 07/17/25	19	0	CI around mean	0.0764	2.0	Standard	No Exceedance
52	UA	E010	Beryllium, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
52	UA	E010	Boron, total	mg/L	02/24/21 - 07/17/25	19	0	CB around linear reg	0.253	2	Standard	No Exceedance
52	UA	E010	Cadmium, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
52	UA	E010	Chloride, total	mg/L	02/24/21 - 07/17/25	19	0	CI around mean	74	435	Background	No Exceedance
52	UA	E010	Chromium, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.005	0.1	Standard	No Exceedance
52	UA	E010	Cobalt, total	mg/L	02/24/21 - 07/17/25	19	95	Most recent sample	0.001	0.0380	Background	No Exceedance
52	UA	E010	Fluoride, total	mg/L	02/24/21 - 07/17/25	19	5	CI around geomean	0.27	4.0	Standard	No Exceedance
52	UA	E010	Lead, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
52	UA	E010	Lithium, total	mg/L	02/24/21 - 07/17/25	19	10	CI around mean	0.00616	0.04	Standard	No Exceedance
52	UA	E010	Mercury, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
52	UA	E010	Molybdenum, total	mg/L	02/24/21 - 07/17/25	19	0	CI around mean	0.0113	0.1	Standard	No Exceedance
52	UA	E010	pH (field)	SU	02/24/21 - 07/17/25	19	0	CI around mean	7.0/7.3	6.5/9.0	Standard/Standard	No Exceedance
52	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 07/17/25	19	0	CI around mean	0.424	5	Standard	No Exceedance
52	UA	E010	Selenium, total	mg/L	02/24/21 - 07/17/25	19	95	CB around T-S line	0.001	0.05	Standard	No Exceedance
52	UA	E010	Sulfate, total	mg/L	02/24/21 - 07/17/25	19	0	CI around mean	62.5	400	Standard	No Exceedance
52	UA	E010	Thallium, total	mg/L	02/24/21 - 07/17/25	19	95	CI around median	0.002	0.002	Standard	No Exceedance
52	UA	E010	Total Dissolved Solids	mg/L	02/24/21 - 07/17/25	18	0	CI around mean	461	1,620	Background	No Exceedance
54	UA	E010	Antimony, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.003	0.006	Standard	No Exceedance
54	UA	E010	Arsenic, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.001	0.010	Standard	No Exceedance
54	UA	E010	Barium, total	mg/L	02/24/21 - 07/16/25	19	0	CB around linear reg	0.0384	2.0	Standard	No Exceedance
54	UA	E010	Beryllium, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
54	UA	E010	Boron, total	mg/L	02/24/21 - 07/16/25	19	0	CB around linear reg	0.0571	2	Standard	No Exceedance
54	UA	E010	Cadmium, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
54	UA	E010	Chloride, total	mg/L	02/24/21 - 07/16/25	19	0	CI around mean	76.1	435	Background	No Exceedance
54	UA	E010	Chromium, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.005	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
54	UA	E010	Cobalt, total	mg/L	02/24/21 - 07/16/25	19	90	CI around median	0.001	0.0380	Background	No Exceedance
54	UA	E010	Fluoride, total	mg/L	02/24/21 - 07/16/25	19	5	CB around T-S line	0.131	4.0	Standard	No Exceedance
54	UA	E010	Lead, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
54	UA	E010	Lithium, total	mg/L	02/24/21 - 07/16/25	19	0	CB around T-S line	0.00547	0.04	Standard	No Exceedance
54	UA	E010	Mercury, total	mg/L	02/24/21 - 07/16/25	19	95	CI around median	0.0002	0.002	Standard	No Exceedance
54	UA	E010	Molybdenum, total	mg/L	02/24/21 - 07/16/25	19	0	CI around mean	0.0232	0.1	Standard	No Exceedance
54	UA	E010	pH (field)	SU	02/24/21 - 07/16/25	19	0	CI around mean	7.1/7.4	6.5/9.0	Standard/Standard	No Exceedance
54	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 07/16/25	19	0	CI around median	0.173	5	Standard	No Exceedance
54	UA	E010	Selenium, total	mg/L	02/24/21 - 07/16/25	19	63	CB around T-S line	0.00211	0.05	Standard	No Exceedance
54	UA	E010	Sulfate, total	mg/L	02/24/21 - 07/16/25	19	0	CI around mean	73.9	400	Standard	No Exceedance
54	UA	E010	Thallium, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
54	UA	E010	Total Dissolved Solids	mg/L	02/24/21 - 07/16/25	17	0	CI around mean	485	1,620	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Notes:
Compliance Result:
- No Exceedance: the statistical result did not exceed the GWPS.
  - Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) as part of Dynegy Midwest Generation, LLC's (DMG's) operating permit application for the East Ash Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

Events:
- 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
- Most recent sample = Result for the most recently collected sample used due to insufficient data.

Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
Statistical Result Code (if applicable):
- NR[1] = Parameter not analyzed.
- NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
- NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
- NS[3] = The location was not accessible; therefore, a sample was not collected.
- NS[4] = The location could not be found; therefore, a sample was not collected.
- NS[5] = The location was damaged; therefore, a sample was not collected.
- NS[6] = Sampling pump could not yield a sample.
- NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS[8] = A sample was not collected.
- PM[1] = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

For pH, the values presented are the lower / upper limits
GWPS Source:
- Background = background concentration
- Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

FIGURES

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

0 175 350
Feet

MONITORING WELL LOCATION MAP

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

EAST ASH POND
HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\222285\MXD\845_Operating_Permit\Hennepin\GMP\Figure 2-1_Proposed Monitoring Well Network.mxd

PROJECT: 169000XXX | DATED: 10/13/2021 | DESIGNER: HOTCALD

ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 3, 2025

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
07	Background	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
12	Compliance	07/16/2025	DM[4]	DM[4]
13	Compliance	07/14/2025	52.02	446.92
46	Compliance	07/14/2025	52.23	446.96
47	Compliance	07/14/2025	56.50	446.87
52	Compliance	07/14/2025	54.65	446.85
54	Compliance	07/14/2025	54.10	446.68
XSG01	Water Level	07/14/2025	17.88	479.76
SG02	Water Level	07/14/2025	NA	441.50

Notes:
BMP = below measuring point
Bracketing [ ] indicates that the measurement was obtained outside of the 24-hour period from initiation of depth to groundwater measurements.
Depth to Groundwater/Groundwater Elevation Code (if applicable):

DM[1] = Depth to water was not measured.
DM[2] = Depth to water was not measured because water was above or below the staff gage markings.
DM[3] = Depth to water was not measured because the location was inaccessible.
DM[4] = Depth to water was not measured because water level was below the top of the pump.
DM[5] = Depth to water was not measured because water level was above the top of casing (artesian well).
DM[6] = Depth to water was not measured because of damage to the well.
DM[7] = Depth to water was not measured due to required pressure transducer maintenance.
DM[8] = Lab provided groundwater elevation data and not depth to water.

NA = not available/not applicable
NAVD88 = North American Vertical Datum of 1988

ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 3, 2025

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 08/11/25 10:54:03

JOB DESCRIPTION

HEN-25Q3
HEN_845_803

JOB NUMBER

500-271636-12

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

Eurofins Chicago

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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08/11/25 10:54:03

Authorized for release by
Dirk Nelson, Project Management Assistant II
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(708)534-5200

Table of Contents

Case Narrative

Client: Vistra Energy Corp
Project: HEN-25Q3

Job ID: 500-271636-12

Job ID: 500-271636-12 — Eurofins Chicago

Job Narrative
500-271636-12

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 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 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.

Detection Summary

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

Lab ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 12 — Lab Sample ID: 500-271636-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0082		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	0.057		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.14		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	73		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.013		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	3.8		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.00099	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	51		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	82		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	64		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	220		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	490		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.31		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	51.50				ft	1		Field Sampling	Total/NA
Field pH	7.39				SU	1		Field Sampling	Total/NA
Field Temperature	19.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	95.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.55				mg/L	1		Field Sampling	Total/NA
Specific Conductance	771				umhos/cm	1		Field Sampling	Total/NA
Turbidity	0.75				NTU	1		Field Sampling	Total/NA

Client Sample ID: 13 — Lab Sample ID: 500-271636-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.010		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00032	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.046		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.16		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	74		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.011		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	4.0		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0013	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	52		0.20	0.077	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 13 (Continued) — Lab Sample ID: 500-271636-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	82		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	66		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	220		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	480		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.29		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	51.50				ft	1		Field Sampling	Total/NA
Field pH	7.42				SU	1		Field Sampling	Total/NA
Field Temperature	19.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	71.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.89				mg/L	1		Field Sampling	Total/NA
Specific Conductance	781				umhos/cm	1		Field Sampling	Total/NA
Turbidity	0.82				NTU	1		Field Sampling	Total/NA

Client Sample ID: 17 — Lab Sample ID: 500-271636-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0068		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.080		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.10		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	73		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	31		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0050		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	4.0		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	57		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	91		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	74		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	220		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	0.36		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	54.83				ft	1		Field Sampling	Total/NA
Field pH	7.46				SU	1		Field Sampling	Total/NA
Field Temperature	16.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	129.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	4.10				mg/L	1		Field Sampling	Total/NA
Specific Conductance	787				umhos/cm	1		Field Sampling	Total/NA
Turbidity	9.78				NTU	1		Field Sampling	Total/NA

Client Sample ID: 46 — Lab Sample ID: 500-271636-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0076		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.065		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.14		0.050	0.013	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Lab ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 46 (Continued) — Lab Sample ID: 500-271636-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	71		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	28		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.016		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	4.0		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0013	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	52		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	83		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	64		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	210		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	430		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.34		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	51.50				ft	1		Field Sampling	Total/NA
Field pH	7.37				SU	1		Field Sampling	Total/NA
Field Temperature	20.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	90.1				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.71				mg/L	1		Field Sampling	Total/NA
Specific Conductance	767				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.16				NTU	1		Field Sampling	Total/NA

Client Sample ID: 47 — Lab Sample ID: 500-271636-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0085		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.064		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.13		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	80		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	28		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.023		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	3.9		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	52		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	80		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	64		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	230		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	490		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.34		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	56.00				ft	1		Field Sampling	Total/NA
Field pH	7.26				SU	1		Field Sampling	Total/NA
Field Temperature	19.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	106.2				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.79				mg/L	1		Field Sampling	Total/NA
Specific Conductance	795				umhos/cm	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 47 (Continued) — Lab Sample ID: 500-271636-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Turbidity	2.34				NTU	1		Field Sampling	Total/NA

Client Sample ID: 47_FD — Lab Sample ID: 500-271636-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0086		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.065		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.13		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	80		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.024		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	3.9		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	51		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	81		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	64		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	240		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	510		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.34		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	56.00				ft	1		Field Sampling	Total/NA
Field pH	7.26				SU	1		Field Sampling	Total/NA
Field Temperature	19.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	106.2				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.79				mg/L	1		Field Sampling	Total/NA
Specific Conductance	795				umhos/cm	1		Field Sampling	Total/NA
Turbidity	2.34				NTU	1		Field Sampling	Total/NA

Client Sample ID: 54 — Lab Sample ID: 500-271636-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.012		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00024	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.049		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.17		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	75		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.024		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	4.0		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	53		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	83		5.0	2.1	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Lab ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 54 (Continued) — Lab Sample ID: 500-271636-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	67		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	220		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	460		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)	53.45				ft	1		Field Sampling	Total/NA
Field pH	7.40				SU	1		Field Sampling	Total/NA
Field Temperature	18.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	101.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	2.28				mg/L	1		Field Sampling	Total/NA
Specific Conductance	785				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.17				NTU	1		Field Sampling	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
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

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Lab ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 08 (Continued) — Lab Sample ID: 500-271636-31

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

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 08&D (Continued)

Lab Sample ID: 500-271636-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
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: 16

Lab Sample ID: 500-271636-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0095		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00029	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.069		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.13		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	74		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	28		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.011		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	5.1		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	56		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	92		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	210		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	440		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)	54.4				ft	1		Field Sampling	Total/NA
Field pH	7.35				SU	1		Field Sampling	Total/NA
Field Temperature	23.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	75.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.54				mg/L	1		Field Sampling	Total/NA
Specific Conductance	791				umhos/cm	1		Field Sampling	Total/NA
Turbidity	0.83				NTU	1		Field Sampling	Total/NA

Client Sample ID: 52

Lab Sample ID: 500-271636-37

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	0.086		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.22		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	92		0.20	0.044	mg/L	1		6020B	Total Recoverable
Chromium	0.0012	J	0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 52 (Continued) — Lab Sample ID: 500-271636-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Molybdenum	0.021		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	5.2		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	53		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	87		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	68		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	500		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.42		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	54.0				ft	1		Field Sampling	Total/NA
Field pH	7.12				SU	1		Field Sampling	Total/NA
Field Temperature	20.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	90.2				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.70				mg/L	1		Field Sampling	Total/NA
Specific Conductance	835				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.34				NTU	1		Field Sampling	Total/NA

Client Sample ID: 52_FD — Lab Sample ID: 500-271636-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.010		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.085		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.21		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	91		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	30		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.021		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	5.2		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	55		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	87		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	69		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	490		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.42		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	54.0				ft	1		Field Sampling	Total/NA
Field pH	7.12				SU	1		Field Sampling	Total/NA
Field Temperature	20.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	90.2				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.70				mg/L	1		Field Sampling	Total/NA
Specific Conductance	835				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.34				NTU	1		Field Sampling	Total/NA

Client Sample ID: 55 — Lab Sample ID: 500-271636-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	51.70				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: XSG01 — Lab Sample ID: 500-271636-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	17.88				ft	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.

Method Summary

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

Lab ID: 500-271636-12
HEN-845-803
SDG: HEN_845_803

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-271636-12
SDG: HEN_845_803

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-271636-16	12	Water	07/16/25 15:00	07/17/25 12:04
500-271636-17	13	Water	07/16/25 13:20	07/17/25 12:04
500-271636-18	17	Water	07/16/25 16:05	07/17/25 12:04
500-271636-22	46	Water	07/16/25 16:00	07/17/25 12:04
500-271636-23	47	Water	07/16/25 10:50	07/17/25 12:04
500-271636-24	47_FD	Water	07/16/25 10:55	07/17/25 12:04
500-271636-27	54	Water	07/16/25 12:10	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
500-271636-35	16	Water	07/17/25 09:30	07/17/25 16:40
500-271636-37	52	Water	07/17/25 10:35	07/17/25 16:40
500-271636-38	52_FD	Water	07/17/25 10:40	07/17/25 16:40
500-271636-46	55	Water	07/14/25 11:14	07/16/25 12:02
500-271636-47	XSG01	Water	07/14/25 12:18	07/16/25 12:02
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

Lab ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 12

Date Collected: 07/16/25 15:00
Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0082**		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 16:39	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 08:10	07/24/25 15:33	1
Arsenic	**0.00026**	**J**	0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 15:33	1
Barium	**0.057**		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 15:33	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 15:33	1
Boron	**0.14**		0.050	0.013	mg/L		07/18/25 08:10	07/24/25 15:33	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 15:33	1
Calcium	**73**		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 15:33	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 15:33	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 15:33	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 15:33	1
Magnesium	**29**		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 15:33	1
Molybdenum	**0.013**		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 15:33	1
Potassium	**3.8**		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 15:33	1
Selenium	**0.00099**	**J**	0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 15:33	1
Sodium	**51**		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 15:33	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 15:33	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 15:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**82**		10	4.2	mg/L			07/25/25 10:50	10
Sulfate (EPA 300.0)	**64**		10	4.7	mg/L			07/25/25 10:50	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**220**		5.0	3.7	mg/L			07/20/25 13:17	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 13:17	1
Total Dissolved Solids (SM 2540C)	**490**		10	4.3	mg/L			07/21/25 10:02	1
Fluoride (SM 4500 F C)	**0.31**		0.10	0.056	mg/L			07/21/25 16:42	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**51.50**				ft			07/16/25 15:00	1
Field pH	**7.39**				SU			07/16/25 15:00	1
Field Temperature	**19.2**				Degrees C			07/16/25 15:00	1
Oxidation Reduction Potential	**95.0**				millivolts			07/16/25 15:00	1
Oxygen, Dissolved	**0.55**				mg/L			07/16/25 15:00	1
Specific Conductance	**771**				umhos/cm			07/16/25 15:00	1
Turbidity	**0.75**				NTU			07/16/25 15:00	1

Client Sample Results

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

Lab ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 13

Date Collected: 07/16/25 13:20
Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.010**		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 16:44	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 15:38	1
Arsenic	**0.00032**	**J**	0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 15:38	1
Barium	**0.046**		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 15:38	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 15:38	1
Boron	**0.16**		0.050	0.013	mg/L		07/18/25 08:10	07/24/25 15:38	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 15:38	1
Calcium	**74**		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 15:38	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 15:38	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 15:38	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 15:38	1
Magnesium	**29**		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 15:38	1
Molybdenum	**0.011**		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 15:38	1
Potassium	**4.0**		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 15:38	1
Selenium	**0.0013**	**J**	0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 15:38	1
Sodium	**52**		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 15:38	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 15:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 16:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**82**		5.0	2.1	mg/L			07/25/25 11:21	5
Sulfate (EPA 300.0)	**66**		5.0	2.3	mg/L			07/25/25 11:21	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**220**		5.0	3.7	mg/L			07/20/25 13:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 13:35	1
Total Dissolved Solids (SM 2540C)	**480**		10	4.3	mg/L			07/23/25 06:46	1
Fluoride (SM 4500 F C)	**0.29**		0.10	0.056	mg/L			07/21/25 17:02	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**51.50**				ft			07/16/25 13:20	1
Field pH	**7.42**				SU			07/16/25 13:20	1
Field Temperature	**19.9**				Degrees C			07/16/25 13:20	1
Oxidation Reduction Potential	**71.7**				millivolts			07/16/25 13:20	1
Oxygen, Dissolved	**0.89**				mg/L			07/16/25 13:20	1
Specific Conductance	**781**				umhos/cm			07/16/25 13:20	1
Turbidity	**0.82**				NTU			07/16/25 13:20	1

Client Sample Results

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

Lab ID: 500-271636-12
SDG: HEN_845_803

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0068**		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 16:57	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 15:43	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 15:43	1
Barium	**0.080**		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 15:43	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 15:43	1
Boron	**0.10**		0.050	0.013	mg/L		07/18/25 08:10	07/24/25 15:43	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 15:43	1
Calcium	**73**		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 15:43	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 15:43	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 15:43	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 15:43	1
Magnesium	**31**		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 15:43	1
Molybdenum	**0.0050**		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 15:43	1
Potassium	**4.0**		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 15:43	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 15:43	1
Sodium	**57**		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 15:43	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 15:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 16:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**91**		5.0	2.1	mg/L			07/25/25 12:23	5
Sulfate (EPA 300.0)	**74**		5.0	2.3	mg/L			07/25/25 12:23	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**220**		5.0	3.7	mg/L			07/20/25 13:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 13:44	1
Total Dissolved Solids (SM 2540C)	**1100**		10	4.3	mg/L			07/23/25 06:53	1
Fluoride (SM 4500 F C)	**0.36**		0.10	0.056	mg/L			07/21/25 17:10	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**54.83**				ft			07/16/25 16:05	1
Field pH	**7.46**				SU			07/16/25 16:05	1
Field Temperature	**16.8**				Degrees C			07/16/25 16:05	1
Oxidation Reduction Potential	**129.0**				millivolts			07/16/25 16:05	1
Oxygen, Dissolved	**4.10**				mg/L			07/16/25 16:05	1
Specific Conductance	**787**				umhos/cm			07/16/25 16:05	1
Turbidity	**9.78**				NTU			07/16/25 16:05	1

Client Sample Results

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

Job ID: 500-271636-12
SDG: HEN_845_803

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0076**		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/18/25 08:10	07/24/25 15:57	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 15:57	1
Barium	**0.065**		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 15:57	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 15:57	1
Boron	**0.14**		0.050	0.013	mg/L		07/18/25 08:10	07/24/25 15:57	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 15:57	1
Calcium	**71**		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 15:57	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 15:57	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 15:57	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 15:57	1
Magnesium	**28**		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 15:57	1
Molybdenum	**0.016**		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 15:57	1
Potassium	**4.0**		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 15:57	1
Selenium	**0.0013**	**J**	0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 15:57	1
Sodium	**52**		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 15:57	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 15:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 16:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**83**		5.0	2.1	mg/L			07/25/25 13:26	5
Sulfate (EPA 300.0)	**64**		5.0	2.3	mg/L			07/25/25 13:26	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**210**		5.0	3.7	mg/L			07/20/25 14:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 14:22	1
Total Dissolved Solids (SM 2540C)	**430**		10	4.3	mg/L			07/23/25 07:06	1
Fluoride (SM 4500 F C)	**0.34**		0.10	0.056	mg/L			07/21/25 17:29	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**51.50**				ft			07/16/25 16:00	1
Field pH	**7.37**				SU			07/16/25 16:00	1
Field Temperature	**20.9**				Degrees C			07/16/25 16:00	1
Oxidation Reduction Potential	**90.1**				millivolts			07/16/25 16:00	1
Oxygen, Dissolved	**0.71**				mg/L			07/16/25 16:00	1
Specific Conductance	**767**				umhos/cm			07/16/25 16:00	1
Turbidity	**1.16**				NTU			07/16/25 16:00	1

Client Sample Results

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

Lab ID: 500-271636-12
SDG: HEN_845_803

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0085**		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/18/25 08:10	07/24/25 16:05	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 16:05	1
Barium	**0.064**		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 16:05	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 16:05	1
Boron	**0.13**		0.050	0.013	mg/L		07/18/25 08:10	07/24/25 16:05	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 16:05	1
Calcium	**80**		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 16:05	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 16:05	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 16:05	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 16:05	1
Magnesium	**28**		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 16:05	1
Molybdenum	**0.023**		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 16:05	1
Potassium	**3.9**		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 16:05	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 16:05	1
Sodium	**52**		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 16:05	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 16:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 16:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**80**		5.0	2.1	mg/L			07/25/25 13:41	5
Sulfate (EPA 300.0)	**64**		5.0	2.3	mg/L			07/25/25 13:41	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**230**		5.0	3.7	mg/L			07/20/25 14:33	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 14:33	1
Total Dissolved Solids (SM 2540C)	**490**		10	4.3	mg/L			07/23/25 07:09	1
Fluoride (SM 4500 F C)	**0.34**		0.10	0.056	mg/L			07/21/25 17:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**56.00**				ft			07/16/25 10:50	1
Field pH	**7.26**				SU			07/16/25 10:50	1
Field Temperature	**19.3**				Degrees C			07/16/25 10:50	1
Oxidation Reduction Potential	**106.2**				millivolts			07/16/25 10:50	1
Oxygen, Dissolved	**1.79**				mg/L			07/16/25 10:50	1
Specific Conductance	**795**				umhos/cm			07/16/25 10:50	1
Turbidity	**2.34**				NTU			07/16/25 10:50	1

Client Sample Results

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

Lab ID: 500-271636-12
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0086**		0.0050	0.0020	mg/L		07/22/25 08:00	07/23/25 17:20	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 16:07	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 16:07	1
Barium	**0.065**		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 16:07	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 16:07	1
Boron	**0.13**		0.050	0.013	mg/L		07/18/25 08:10	07/24/25 16:07	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 16:07	1
Calcium	**80**		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 16:07	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 16:07	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 16:07	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 16:07	1
Magnesium	**29**		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 16:07	1
Molybdenum	**0.024**		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 16:07	1
Potassium	**3.9**		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 16:07	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 16:07	1
Sodium	**51**		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 16:07	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 16:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**81**		5.0	2.1	mg/L			07/25/25 13:57	5
Sulfate (EPA 300.0)	**64**		5.0	2.3	mg/L			07/25/25 13:57	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**240**		5.0	3.7	mg/L			07/20/25 14:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 14:42	1
Total Dissolved Solids (SM 2540C)	**510**		10	4.3	mg/L			07/23/25 07:12	1
Fluoride (SM 4500 F C)	**0.34**		0.10	0.056	mg/L			07/21/25 17:39	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**56.00**				ft			07/16/25 10:55	1
Field pH	**7.26**				SU			07/16/25 10:55	1
Field Temperature	**19.3**				Degrees C			07/16/25 10:55	1
Oxidation Reduction Potential	**106.2**				millivolts			07/16/25 10:55	1
Oxygen, Dissolved	**1.79**				mg/L			07/16/25 10:55	1
Specific Conductance	**795**				umhos/cm			07/16/25 10:55	1
Turbidity	**2.34**				NTU			07/16/25 10:55	1

Client Sample Results

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

Lab ID: 500-271636-12
SDG: HEN_845_803

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.012**		0.0050	0.0020	mg/L		07/23/25 08:20	07/23/25 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/18/25 08:10	07/24/25 16:14	1
Arsenic	**0.00024**	**J**	0.0010	0.00023	mg/L		07/18/25 08:10	07/24/25 16:14	1
Barium	**0.049**		0.0025	0.00073	mg/L		07/18/25 08:10	07/24/25 16:14	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/18/25 08:10	07/24/25 16:14	1
Boron	**0.17**		0.050	0.013	mg/L		07/18/25 08:10	07/24/25 16:14	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/18/25 08:10	07/24/25 16:14	1
Calcium	**75**		0.20	0.044	mg/L		07/18/25 08:10	07/24/25 16:14	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/18/25 08:10	07/24/25 16:14	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/18/25 08:10	07/24/25 16:14	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/18/25 08:10	07/24/25 16:14	1
Magnesium	**29**		0.20	0.049	mg/L		07/18/25 08:10	07/24/25 16:14	1
Molybdenum	**0.024**		0.0050	0.0025	mg/L		07/18/25 08:10	07/24/25 16:14	1
Potassium	**4.0**		0.50	0.11	mg/L		07/18/25 08:10	07/24/25 16:14	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/18/25 08:10	07/24/25 16:14	1
Sodium	**53**		0.20	0.077	mg/L		07/18/25 08:10	07/24/25 16:14	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/18/25 08:10	07/24/25 16:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/31/25 09:25	07/31/25 16:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**83**		5.0	2.1	mg/L			07/25/25 14:44	5
Sulfate (EPA 300.0)	**67**		5.0	2.3	mg/L			07/25/25 14:44	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**220**		5.0	3.7	mg/L			07/20/25 15:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 15:12	1
Total Dissolved Solids (SM 2540C)	**460**		10	4.3	mg/L			07/23/25 07:19	1
Fluoride (SM 4500 F C)	**0.32**		0.10	0.056	mg/L			07/21/25 18:02	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**53.45**				ft			07/16/25 12:10	1
Field pH	**7.40**				SU			07/16/25 12:10	1
Field Temperature	**18.8**				Degrees C			07/16/25 12:10	1
Oxidation Reduction Potential	**101.7**				millivolts			07/16/25 12:10	1
Oxygen, Dissolved	**2.28**				mg/L			07/16/25 12:10	1
Specific Conductance	**785**				umhos/cm			07/16/25 12:10	1
Turbidity	**1.17**				NTU			07/16/25 12:10	1

Client Sample Results

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

Job ID: 500-271636-12
SDG: HEN_845_803

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

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

Lab ID: 500-271636-12
SDG: HEN_845_803

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

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

Lab ID: 500-271636-12
SDG: HEN_845_803

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

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

Job ID: 500-271636-12
SDG: HEN_845_803

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0095**		0.0050	0.0020	mg/L		07/23/25 08:20	07/23/25 19:53	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		07/21/25 13:32	07/23/25 15:49	1
Arsenic	**0.00029**	**J**	0.0010	0.00023	mg/L		07/21/25 13:32	07/23/25 15:49	1
Barium	**0.069**		0.0025	0.00073	mg/L		07/21/25 13:32	07/23/25 15:49	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/21/25 13:32	07/24/25 13:08	1
Boron	**0.13**		0.050	0.013	mg/L		07/21/25 13:32	07/24/25 13:08	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/21/25 13:32	07/23/25 15:49	1
Calcium	**74**		0.20	0.044	mg/L		07/21/25 13:32	07/23/25 15:49	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/21/25 13:32	07/23/25 15:49	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/21/25 13:32	07/23/25 15:49	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/21/25 13:32	07/23/25 15:49	1
Magnesium	**28**		0.20	0.049	mg/L		07/21/25 13:32	07/24/25 13:08	1
Molybdenum	**0.011**		0.0050	0.0025	mg/L		07/21/25 13:32	07/23/25 15:49	1
Potassium	**5.1**		0.50	0.11	mg/L		07/21/25 13:32	07/23/25 15:49	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/21/25 13:32	07/23/25 15:49	1
Sodium	**56**		0.20	0.077	mg/L		07/21/25 13:32	07/24/25 13:08	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/21/25 13:32	07/23/25 15:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		07/30/25 10:30	07/30/25 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**92**		1.0	0.42	mg/L			07/25/25 19:58	1
Sulfate (EPA 300.0)	**64**		1.0	0.47	mg/L			07/25/25 19:58	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**210**		5.0	3.7	mg/L			07/20/25 16:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 16:22	1
Total Dissolved Solids (SM 2540C)	**440**		10	4.3	mg/L			07/23/25 07:37	1
Fluoride (SM 4500 F C)	**0.37**		0.10	0.056	mg/L			07/21/25 19:16	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**54.4**				ft			07/17/25 09:30	1
Field pH	**7.35**				SU			07/17/25 09:30	1
Field Temperature	**23.2**				Degrees C			07/17/25 09:30	1
Oxidation Reduction Potential	**75.0**				millivolts			07/17/25 09:30	1
Oxygen, Dissolved	**0.54**				mg/L			07/17/25 09:30	1
Specific Conductance	**791**				umhos/cm			07/17/25 09:30	1
Turbidity	**0.83**				NTU			07/17/25 09:30	1

Client Sample Results

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

Lab ID: 500-271636-12
SDG: HEN_845_803

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

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 20:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/21/25 13:32	07/23/25 16:04	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/21/25 13:32	07/23/25 16:04	1
Barium	**0.086**		0.0025	0.00073	mg/L		07/21/25 13:32	07/23/25 16:04	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/21/25 13:32	07/24/25 13:27	1
Boron	**0.22**		0.050	0.013	mg/L		07/21/25 13:32	07/24/25 13:27	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/21/25 13:32	07/23/25 16:04	1
Calcium	**92**		0.20	0.044	mg/L		07/21/25 13:32	07/23/25 16:04	1
Chromium	**0.0012**	**J**	0.0050	0.0011	mg/L		07/21/25 13:32	07/23/25 16:04	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/21/25 13:32	07/23/25 16:04	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/21/25 13:32	07/23/25 16:04	1
Magnesium	**29**		0.20	0.049	mg/L		07/21/25 13:32	07/24/25 13:27	1
Molybdenum	**0.021**		0.0050	0.0025	mg/L		07/21/25 13:32	07/23/25 16:04	1
Potassium	**5.2**		0.50	0.11	mg/L		07/21/25 13:32	07/23/25 16:04	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/21/25 13:32	07/23/25 16:04	1
Sodium	**53**		0.20	0.077	mg/L		07/21/25 13:32	07/24/25 13:27	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/21/25 13:32	07/23/25 16:04	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 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**87**		1.0	0.42	mg/L			07/25/25 20:29	1
Sulfate (EPA 300.0)	**68**		1.0	0.47	mg/L			07/25/25 20:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**250**		5.0	3.7	mg/L			07/20/25 16:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 16:53	1
Total Dissolved Solids (SM 2540C)	**500**		10	4.3	mg/L			07/23/25 08:01	1
Fluoride (SM 4500 F C)	**0.42**		0.10	0.056	mg/L			07/21/25 19:25	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**54.0**				ft			07/17/25 10:35	1
Field pH	**7.12**				SU			07/17/25 10:35	1
Field Temperature	**20.7**				Degrees C			07/17/25 10:35	1
Oxidation Reduction Potential	**90.2**				millivolts			07/17/25 10:35	1
Oxygen, Dissolved	**0.70**				mg/L			07/17/25 10:35	1
Specific Conductance	**835**				umhos/cm			07/17/25 10:35	1
Turbidity	**1.34**				NTU			07/17/25 10:35	1

Client Sample Results

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

Lab ID: 500-271636-12
SDG: HEN_845_803

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 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.010**		0.0050	0.0020	mg/L		07/23/25 08:20	07/23/25 20:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/21/25 13:32	07/23/25 16:17	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/21/25 13:32	07/23/25 16:17	1
Barium	**0.085**		0.0025	0.00073	mg/L		07/21/25 13:32	07/23/25 16:17	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/21/25 13:32	07/24/25 13:30	1
Boron	**0.21**		0.050	0.013	mg/L		07/21/25 13:32	07/24/25 13:30	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/21/25 13:32	07/23/25 16:17	1
Calcium	**91**		0.20	0.044	mg/L		07/21/25 13:32	07/23/25 16:17	1
Chromium	<0.0050		0.0050	0.0011	mg/L		07/21/25 13:32	07/23/25 16:17	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/21/25 13:32	07/23/25 16:17	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/21/25 13:32	07/23/25 16:17	1
Magnesium	**30**		0.20	0.049	mg/L		07/21/25 13:32	07/24/25 13:30	1
Molybdenum	**0.021**		0.0050	0.0025	mg/L		07/21/25 13:32	07/23/25 16:17	1
Potassium	**5.2**		0.50	0.11	mg/L		07/21/25 13:32	07/23/25 16:17	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/21/25 13:32	07/23/25 16:17	1
Sodium	**55**		0.20	0.077	mg/L		07/21/25 13:32	07/24/25 13:30	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/21/25 13:32	07/23/25 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 17:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**87**		1.0	0.42	mg/L			07/25/25 21:15	1
Sulfate (EPA 300.0)	**69**		1.0	0.47	mg/L			07/25/25 21:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**250**		5.0	3.7	mg/L			07/20/25 17:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			07/20/25 17:12	1
Total Dissolved Solids (SM 2540C)	**490**		10	4.3	mg/L			07/23/25 08:08	1
Fluoride (SM 4500 F C)	**0.42**		0.10	0.056	mg/L			07/21/25 19:30	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**54.0**				ft			07/17/25 10:40	1
Field pH	**7.12**				SU			07/17/25 10:40	1
Field Temperature	**20.7**				Degrees C			07/17/25 10:40	1
Oxidation Reduction Potential	**90.2**				millivolts			07/17/25 10:40	1
Oxygen, Dissolved	**0.70**				mg/L			07/17/25 10:40	1
Specific Conductance	**835**				umhos/cm			07/17/25 10:40	1
Turbidity	**1.34**				NTU			07/17/25 10:40	1

Client Sample Results

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

Job ID: 500-271636-12
HEN-845-803
SDG: HEN_845_803

Client Sample ID: 55

Date Collected: 07/14/25 11:14
Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-46

Matrix: Water

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	51.70				ft			07/14/25 11:14	1

Client Sample Results

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

Job ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: XSG01

Date Collected: 07/14/25 12:18
Date Received: 07/16/25 12:02

Lab Sample ID: 500-271636-47

Matrix: Water

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	17.88				ft			07/14/25 12:18	1

Client Sample Results

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

Lab ID: 500-271636-12
SDG: HEN_845_803

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

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

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

Job ID: 500-271636-12
SDG: HEN_845_803

Qualifiers

Metals

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

Glossary

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

QC Association Summary

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

Lab ID: 500-271636-12
SDG: HEN_845_803

Metals

Prep Batch: 826370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-16	12	Total Recoverable	Water	3005A	
500-271636-17	13	Total Recoverable	Water	3005A	
500-271636-18	17	Total Recoverable	Water	3005A	
500-271636-22	46	Total Recoverable	Water	3005A	
500-271636-23	47	Total Recoverable	Water	3005A	
500-271636-24	47_FD	Total Recoverable	Water	3005A	
500-271636-27	54	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: 826682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-35	16	Total Recoverable	Water	3005A	
500-271636-37	52	Total Recoverable	Water	3005A	
500-271636-38	52_FD	Total Recoverable	Water	3005A	
MB 500-826682/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-826682/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-271636-35 MS	16	Total Recoverable	Water	3005A	
500-271636-35 MSD	16	Total Recoverable	Water	3005A	
500-271636-35 DU	16	Total Recoverable	Water	3005A	

Prep Batch: 826767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-16	12	Total Recoverable	Water	200.7	
500-271636-17	13	Total Recoverable	Water	200.7	
500-271636-18	17	Total Recoverable	Water	200.7	
500-271636-22	46	Total Recoverable	Water	200.7	
500-271636-23	47	Total Recoverable	Water	200.7	
500-271636-24	47_FD	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	
500-271636-24 MS	47_FD	Total Recoverable	Water	200.7	
500-271636-24 DU	47_FD	Total Recoverable	Water	200.7	

Prep Batch: 826984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-27	54	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	

QC Association Summary

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

Job ID: 500-271636-12
SDG: HEN_845_803

Metals (Continued)

Prep Batch: 826984 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-35	16	Total Recoverable	Water	200.7	
500-271636-37	52	Total Recoverable	Water	200.7	
500-271636-38	52_FD	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
500-271636-32	08&D	Total Recoverable	Water	6020B	826468
MB 500-826468/1-A	Method Blank	Total Recoverable	Water	6020B	826468
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: 827186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-35	16	Total Recoverable	Water	6020B	826682
500-271636-37	52	Total Recoverable	Water	6020B	826682
500-271636-38	52_FD	Total Recoverable	Water	6020B	826682
MB 500-826682/1-A	Method Blank	Total Recoverable	Water	6020B	826682
LCS 500-826682/2-A	Lab Control Sample	Total Recoverable	Water	6020B	826682
500-271636-35 MS	16	Total Recoverable	Water	6020B	826682
500-271636-35 MSD	16	Total Recoverable	Water	6020B	826682
500-271636-35 DU	16	Total Recoverable	Water	6020B	826682

Analysis Batch: 827211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-16	12	Total Recoverable	Water	200.7 Rev 4.4	826767
500-271636-17	13	Total Recoverable	Water	200.7 Rev 4.4	826767
500-271636-18	17	Total Recoverable	Water	200.7 Rev 4.4	826767
500-271636-22	46	Total Recoverable	Water	200.7 Rev 4.4	826767
500-271636-23	47	Total Recoverable	Water	200.7 Rev 4.4	826767
500-271636-24	47_FD	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
500-271636-24 MS	47_FD	Total Recoverable	Water	200.7 Rev 4.4	826767
500-271636-24 DU	47_FD	Total Recoverable	Water	200.7 Rev 4.4	826767

Analysis Batch: 827213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-27	54	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
500-271636-35	16	Total Recoverable	Water	200.7 Rev 4.4	826984
500-271636-37	52	Total Recoverable	Water	200.7 Rev 4.4	826984
500-271636-38	52_FD	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

QC Association Summary

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

Job ID: 500-271636-12
SDG: HEN_845_803

Metals

Analysis Batch: 827360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-16	12	Total Recoverable	Water	6020B	826370
500-271636-17	13	Total Recoverable	Water	6020B	826370
500-271636-18	17	Total Recoverable	Water	6020B	826370
500-271636-22	46	Total Recoverable	Water	6020B	826370
500-271636-23	47	Total Recoverable	Water	6020B	826370
500-271636-24	47_FD	Total Recoverable	Water	6020B	826370
500-271636-27	54	Total Recoverable	Water	6020B	826370
500-271636-30	07	Total Recoverable	Water	6020B	826370
500-271636-31	08	Total Recoverable	Water	6020B	826370
500-271636-35	16	Total Recoverable	Water	6020B	826682
500-271636-37	52	Total Recoverable	Water	6020B	826682
500-271636-38	52_FD	Total Recoverable	Water	6020B	826682
MB 500-826370/1-A	Method Blank	Total Recoverable	Water	6020B	826370
MB 500-826682/1-A	Method Blank	Total Recoverable	Water	6020B	826682
LCS 500-826370/2-A	Lab Control Sample	Total Recoverable	Water	6020B	826370
LCS 500-826682/2-A	Lab Control Sample	Total Recoverable	Water	6020B	826682
500-271636-35 MS	16	Total Recoverable	Water	6020B	826682
500-271636-35 MSD	16	Total Recoverable	Water	6020B	826682
500-271636-35 DU	16	Total Recoverable	Water	6020B	826682

Prep Batch: 827860

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

Prep Batch: 827861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-35	16	Total/NA	Water	7470A	
500-271636-37	52	Total/NA	Water	7470A	
500-271636-38	52_FD	Total/NA	Water	7470A	
MB 500-827861/1-A	Method Blank	Total/NA	Water	7470A	
LCS 500-827861/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 828054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-16	12	Total/NA	Water	7470A	
500-271636-17	13	Total/NA	Water	7470A	
500-271636-18	17	Total/NA	Water	7470A	
500-271636-22	46	Total/NA	Water	7470A	
500-271636-23	47	Total/NA	Water	7470A	
500-271636-24	47_FD	Total/NA	Water	7470A	
500-271636-27	54	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
500-271636-30	07	Total/NA	Water	7470A	827860

Metals (Continued)

Analysis Batch: 828078 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-31	08	Total/NA	Water	7470A	827860
500-271636-32	08&D	Total/NA	Water	7470A	827860
500-271636-35	16	Total/NA	Water	7470A	827861
500-271636-37	52	Total/NA	Water	7470A	827861
500-271636-38	52_FD	Total/NA	Water	7470A	827861
MB 500-827860/1-A	Method Blank	Total/NA	Water	7470A	827860
MB 500-827861/1-A	Method Blank	Total/NA	Water	7470A	827861
LCS 500-827860/2-A	Lab Control Sample	Total/NA	Water	7470A	827860
LCS 500-827861/2-A	Lab Control Sample	Total/NA	Water	7470A	827861

Analysis Batch: 828239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-16	12	Total/NA	Water	7470A	828054
500-271636-17	13	Total/NA	Water	7470A	828054
500-271636-18	17	Total/NA	Water	7470A	828054
500-271636-22	46	Total/NA	Water	7470A	828054
500-271636-23	47	Total/NA	Water	7470A	828054
500-271636-24	47_FD	Total/NA	Water	7470A	828054
500-271636-27	54	Total/NA	Water	7470A	828054
MB 500-828054/1-A	Method Blank	Total/NA	Water	7470A	828054
LCS 500-828054/2-A	Lab Control Sample	Total/NA	Water	7470A	828054

General Chemistry

Analysis Batch: 826560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-16	12	Total/NA	Water	SM 2320B	
500-271636-17	13	Total/NA	Water	SM 2320B	
500-271636-18	17	Total/NA	Water	SM 2320B	
500-271636-22	46	Total/NA	Water	SM 2320B	
500-271636-23	47	Total/NA	Water	SM 2320B	
500-271636-24	47_FD	Total/NA	Water	SM 2320B	
500-271636-27	54	Total/NA	Water	SM 2320B	
500-271636-30	07	Total/NA	Water	SM 2320B	
500-271636-31	08	Total/NA	Water	SM 2320B	
500-271636-32	08&D	Total/NA	Water	SM 2320B	
500-271636-35	16	Total/NA	Water	SM 2320B	
500-271636-37	52	Total/NA	Water	SM 2320B	
500-271636-38	52_FD	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	
500-271636-16 DU	12	Total/NA	Water	SM 2320B	
500-271636-37 DU	52	Total/NA	Water	SM 2320B	

Analysis Batch: 826637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-16	12	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	

QC Association Summary

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

Job ID: 500-271636-12
SDG: HEN_845_803

General Chemistry

Analysis Batch: 826750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-16	12	Total/NA	Water	SM 4500 F C	
500-271636-17	13	Total/NA	Water	SM 4500 F C	
500-271636-18	17	Total/NA	Water	SM 4500 F C	
500-271636-22	46	Total/NA	Water	SM 4500 F C	
500-271636-23	47	Total/NA	Water	SM 4500 F C	
500-271636-24	47_FD	Total/NA	Water	SM 4500 F C	
500-271636-27	54	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	
500-271636-35	16	Total/NA	Water	SM 4500 F C	
500-271636-37	52	Total/NA	Water	SM 4500 F C	
500-271636-38	52_FD	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 500-826750/62	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
500-271636-17	13	Total/NA	Water	SM 2540C	
500-271636-18	17	Total/NA	Water	SM 2540C	
500-271636-22	46	Total/NA	Water	SM 2540C	
500-271636-23	47	Total/NA	Water	SM 2540C	
500-271636-24	47_FD	Total/NA	Water	SM 2540C	
500-271636-27	54	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	
500-271636-35	16	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	
500-271636-17 MS	13	Total/NA	Water	SM 2540C	
500-271636-17 DU	13	Total/NA	Water	SM 2540C	
500-271636-18 DU	17	Total/NA	Water	SM 2540C	

Analysis Batch: 826983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-37	52	Total/NA	Water	SM 2540C	
500-271636-38	52_FD	Total/NA	Water	SM 2540C	
MB 500-826983/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-826983/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-271636-37 MS	52	Total/NA	Water	SM 2540C	
500-271636-37 DU	52	Total/NA	Water	SM 2540C	
500-271636-38 DU	52_FD	Total/NA	Water	SM 2540C	

Analysis Batch: 827332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-16	12	Total/NA	Water	300.0	
500-271636-17	13	Total/NA	Water	300.0	
500-271636-18	17	Total/NA	Water	300.0	

QC Association Summary

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

Lab ID: 500-271636-12
SDG: HEN_845_803

General Chemistry (Continued)

Analysis Batch: 827332 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-271636-22	46	Total/NA	Water	300.0	
500-271636-23	47	Total/NA	Water	300.0	
500-271636-24	47_FD	Total/NA	Water	300.0	
500-271636-27	54	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	
500-271636-35	16	Total/NA	Water	300.0	
500-271636-37	52	Total/NA	Water	300.0	
500-271636-38	52_FD	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
500-271636-46	55	Total/NA	Water	Field Sampling	
500-271636-47	XSG01	Total/NA	Water	Field Sampling	
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
500-271636-16	12	Total/NA	Water	Field Sampling	
500-271636-17	13	Total/NA	Water	Field Sampling	
500-271636-18	17	Total/NA	Water	Field Sampling	
500-271636-22	46	Total/NA	Water	Field Sampling	
500-271636-23	47	Total/NA	Water	Field Sampling	
500-271636-24	47_FD	Total/NA	Water	Field Sampling	
500-271636-27	54	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	
500-271636-35	16	Total/NA	Water	Field Sampling	
500-271636-37	52	Total/NA	Water	Field Sampling	
500-271636-38	52_FD	Total/NA	Water	Field Sampling	

QC Sample Results

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

Job ID: 500-271636-12
SDG: HEN_845_803

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 500-826767/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827211 — **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 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827211 — **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: 500-271636-24 MS — **Client Sample ID: 47_FD**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827211 — **Prep Batch: 826767**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0086		0.250	0.267		mg/L		103	70 - 130

Lab Sample ID: 500-271636-24 DU — **Client Sample ID: 47_FD**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827211 — **Prep Batch: 826767**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lithium	0.0086		0.00870		mg/L		1	20

Lab Sample ID: MB 500-826984/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827213 — **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 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827213 — **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 500-826370/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827360 — **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

QC Sample Results

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

Job ID: 500-271636-12
SDG: HEN_845_803

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

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
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
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 Result	MB 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 15:11	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

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

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 Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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
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

QC Sample Results

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

Job ID: 500-271636-12
SDG: HEN_845_803

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

Lab Sample ID: 500-271636-32 MSD — **Client Sample ID: 08&D**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827184 — **Prep Batch: 826468**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.544		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
Thallium	<0.0020		0.100	0.105		mg/L		105	75 - 125	1	20

Lab Sample ID: 500-271636-32 DU — **Client Sample ID: 08&D**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827184 — **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

Lab Sample ID: MB 500-826682/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827186 — **Prep Batch: 826682**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		07/21/25 13:32	07/23/25 15:45	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		07/21/25 13:32	07/23/25 15:45	1
Barium	<0.0025		0.0025	0.00073	mg/L		07/21/25 13:32	07/23/25 15:45	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		07/21/25 13:32	07/23/25 15:45	1
Calcium	<0.20		0.20	0.044	mg/L		07/21/25 13:32	07/23/25 15:45	1

QC Sample Results

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

Job ID: 500-271636-12
SDG: HEN_845_803

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

Lab Sample ID: MB 500-826682/1-A
Matrix: Water
Analysis Batch: 827186

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 826682

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.0050		0.0050	0.0011	mg/L		07/21/25 13:32	07/23/25 15:45	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		07/21/25 13:32	07/23/25 15:45	1
Lead	<0.00050		0.00050	0.00019	mg/L		07/21/25 13:32	07/23/25 15:45	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		07/21/25 13:32	07/23/25 15:45	1
Potassium	<0.50		0.50	0.11	mg/L		07/21/25 13:32	07/23/25 15:45	1
Selenium	<0.0025		0.0025	0.00098	mg/L		07/21/25 13:32	07/23/25 15:45	1
Thallium	<0.0020		0.0020	0.00057	mg/L		07/21/25 13:32	07/23/25 15:45	1

Lab Sample ID: MB 500-826682/1-A
Matrix: Water
Analysis Batch: 827360

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 826682

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0010		0.0010	0.00053	mg/L		07/21/25 13:32	07/24/25 13:02	1
Boron	<0.050		0.050	0.013	mg/L		07/21/25 13:32	07/24/25 13:02	1
Magnesium	<0.20		0.20	0.049	mg/L		07/21/25 13:32	07/24/25 13:02	1
Sodium	<0.20		0.20	0.077	mg/L		07/21/25 13:32	07/24/25 13:02	1

Lab Sample ID: LCS 500-826682/2-A
Matrix: Water
Analysis Batch: 827186

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 826682

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.567		mg/L		113	80 - 120
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.500	0.529		mg/L		106	80 - 120
Cadmium	0.0500	0.0546		mg/L		109	80 - 120
Calcium	10.0	8.57		mg/L		86	80 - 120
Chromium	0.200	0.213		mg/L		107	80 - 120
Cobalt	0.500	0.558		mg/L		112	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Molybdenum	1.00	1.09		mg/L		109	80 - 120
Potassium	10.0	11.2		mg/L		112	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-826682/2-A
Matrix: Water
Analysis Batch: 827360

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 826682

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0511		mg/L		102	80 - 120
Boron	1.00	1.01		mg/L		101	80 - 120
Magnesium	10.0	10.5		mg/L		105	80 - 120
Sodium	10.0	10.5		mg/L		105	80 - 120

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

Lab Sample ID: 500-271636-35 MS — **Client Sample ID: 16**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827186 — **Prep Batch: 826682**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.580		mg/L		116	75 - 125
Arsenic	0.00029	J	0.100	0.107		mg/L		107	75 - 125
Barium	0.069		0.500	0.607		mg/L		108	75 - 125
Cadmium	<0.00050		0.0500	0.0549		mg/L		110	75 - 125
Calcium	74		10.0	84.7	4	mg/L		110	75 - 125
Chromium	<0.0050		0.200	0.214		mg/L		107	75 - 125
Cobalt	<0.0010		0.500	0.548		mg/L		110	75 - 125
Lead	<0.00050		0.100	0.109		mg/L		109	75 - 125
Molybdenum	0.011		1.00	1.14		mg/L		113	75 - 125
Potassium	5.1		10.0	16.6		mg/L		114	75 - 125
Selenium	<0.0025		0.100	0.109		mg/L		109	75 - 125
Thallium	<0.0020		0.100	0.108		mg/L		108	75 - 125

Lab Sample ID: 500-271636-35 MS — **Client Sample ID: 16**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827360 — **Prep Batch: 826682**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.0010		0.0500	0.0500		mg/L		100	75 - 125
Boron	0.13		1.00	1.11		mg/L		99	75 - 125
Magnesium	28		10.0	38.6		mg/L		102	75 - 125
Sodium	56		10.0	66.7	4	mg/L		105	75 - 125

Lab Sample ID: 500-271636-35 MSD — **Client Sample ID: 16**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827186 — **Prep Batch: 826682**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.589		mg/L		118	75 - 125	1	20
Arsenic	0.00029	J	0.100	0.108		mg/L		108	75 - 125	1	20
Barium	0.069		0.500	0.609		mg/L		108	75 - 125	0	20
Cadmium	<0.00050		0.0500	0.0550		mg/L		110	75 - 125	0	20
Calcium	74		10.0	83.5	4	mg/L		98	75 - 125	1	20
Chromium	<0.0050		0.200	0.215		mg/L		108	75 - 125	0	20
Cobalt	<0.0010		0.500	0.549		mg/L		110	75 - 125	0	20
Lead	<0.00050		0.100	0.109		mg/L		109	75 - 125	0	20
Molybdenum	0.011		1.00	1.13		mg/L		112	75 - 125	1	20
Potassium	5.1		10.0	16.6		mg/L		115	75 - 125	0	20
Selenium	<0.0025		0.100	0.109		mg/L		109	75 - 125	0	20
Thallium	<0.0020		0.100	0.109		mg/L		109	75 - 125	1	20

Lab Sample ID: 500-271636-35 MSD — **Client Sample ID: 16**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827360 — **Prep Batch: 826682**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.0010		0.0500	0.0515		mg/L		103	75 - 125	3	20
Boron	0.13		1.00	1.14		mg/L		101	75 - 125	2	20
Magnesium	28		10.0	38.3		mg/L		99	75 - 125	1	20

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

Lab Sample ID: 500-271636-35 MSD — **Client Sample ID: 16**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827360 — **Prep Batch: 826682**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	56		10.0	66.5	4	mg/L		103	75 - 125	0	20

Lab Sample ID: 500-271636-35 DU — **Client Sample ID: 16**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827186 — **Prep Batch: 826682**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.00029	J	0.000286	J	mg/L		0.3	20
Barium	0.069		0.0691		mg/L		0.4	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	74		73.7		mg/L		0	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Molybdenum	0.011		0.0107		mg/L		7	20
Potassium	5.1		5.11		mg/L		0.1	20
Selenium	<0.0025		<0.0025		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Lab Sample ID: 500-271636-35 DU — **Client Sample ID: 16**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 827360 — **Prep Batch: 826682**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Boron	0.13		0.115		mg/L		10	20
Magnesium	28		28.1		mg/L		1	20
Sodium	56		55.8		mg/L		0.8	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-827860/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 828078 — **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 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 828078 — **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

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

Lab Sample ID: MB 500-827861/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 828078 — **Prep Batch: 827861**

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 16:51	1

Lab Sample ID: LCS 500-827861/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 828078 — **Prep Batch: 827861**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00181		mg/L		91	80 - 120

Lab Sample ID: MB 500-828054/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 828239 — **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 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 828239 — **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 500-827332/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 827332

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 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 827332

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

Lab Sample ID: MB 500-827338/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 827338

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

QC Sample Results

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

Job ID: 500-271636-12
SDG: HEN_845_803

Method: 300.0 - Anions, Ion Chromatography (Continued)

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 500-826560/3
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

Lab Sample ID: 500-271636-16 DU
Matrix: Water
Analysis Batch: 826560

Client Sample ID: 12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Bicarbonate Alkalinity as CaCO3	220		218		mg/L		0.2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 500-271636-37 DU
Matrix: Water
Analysis Batch: 826560

Client Sample ID: 52
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Bicarbonate Alkalinity as CaCO3	253		253		mg/L		0.2	20
Carbonate Alkalinity as CaCO3	0.000		<5.0		mg/L		NC	20

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

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

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

Lab Sample ID: LCS 500-826637/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826637

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 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826969

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 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826969

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: 500-271636-17 MS — **Client Sample ID: 13**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids	480		250	760		mg/L		112	75 - 125		

Lab Sample ID: 500-271636-17 DU — **Client Sample ID: 13**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826969

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	480			486		mg/L				1	5

Lab Sample ID: 500-271636-18 DU — **Client Sample ID: 17**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826969

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1110		mg/L				4	5

Lab Sample ID: MB 500-826983/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826983

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 07:56	1

Lab Sample ID: LCS 500-826983/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826983

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			250	256		mg/L		102	80 - 120		

QC Sample Results

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

Job ID: 500-271636-12
SDG: HEN_845_803

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

Lab Sample ID: 500-271636-37 MS — **Client Sample ID: 52**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826983

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	500		250	766		mg/L		106	75 - 125

Lab Sample ID: 500-271636-37 DU — **Client Sample ID: 52**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826983

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	500		522		mg/L		4	5

Lab Sample ID: 500-271636-38 DU — **Client Sample ID: 52_FD**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826983

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	490		516		mg/L		5	5

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-826750/31 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826750

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 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826750

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 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826750

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 500-826750/62 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 826750

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.65		mg/L		97	90 - 119

Lab Chronicle

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

Job ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 12
Date Collected: 07/16/25 15:00
Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-16
Matrix: Water

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 16:39
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 15:33
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 15:59
Total/NA	Analysis	300.0		10	827332	MM	EET CHI	07/25/25 10:50
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 13:17
Total/NA	Analysis	SM 2540C		1	826637	CLB	EET CHI	07/21/25 10:02
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 16:42
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/16/25 15:00

Client Sample ID: 13
Date Collected: 07/16/25 13:20
Date Received: 07/17/25 12:04

Lab Sample ID: 500-271636-17
Matrix: Water

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 16:44
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 15:38
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 16:03
Total/NA	Analysis	300.0		5	827332	MM	EET CHI	07/25/25 11:21
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 13:35
Total/NA	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 06:46
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 17:02
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/16/25 13:20

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 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 16:57
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 15:43
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 16:11
Total/NA	Analysis	300.0		5	827332	MM	EET CHI	07/25/25 12:23
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 13:44
Total/NA	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 06:53

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 17:10
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/16/25 16:05

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

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 17:11
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 15:57
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 16:16
Total/NA	Analysis	300.0		5	827332	MM	EET CHI	07/25/25 13:26
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 14:22
Total/NA	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 07:06
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 17:29
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/16/25 16:00

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

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 17:16
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 16:05
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 16:18
Total/NA	Analysis	300.0		5	827332	MM	EET CHI	07/25/25 13:41
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 14:33
Total/NA	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 07:09
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 17:36
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/16/25 10:50

Client Sample ID: 47_FD

Lab Sample ID: 500-271636-24

Date Collected: 07/16/25 10:55
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			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 17:20

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 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 16:07
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 16:20
Total/NA	Analysis	300.0		5	827332	MM	EET CHI	07/25/25 13:57
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 14:42
Total/NA	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 07:12
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 17:39
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/16/25 10:55

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 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 19:21
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 16:14
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 16:26
Total/NA	Analysis	300.0		5	827332	MM	EET CHI	07/25/25 14:44
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 15:12
Total/NA	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 07:19
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 18:02
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/16/25 12:10

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 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
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/17/25 13:20

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

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: 16

Lab Sample ID: 500-271636-35

Date Collected: 07/17/25 09:30

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 19:53
Total Recoverable	Prep	3005A			826682	MS	EET CHI	07/21/25 13:32 - 07/21/25 19:32 [1]
Total Recoverable	Analysis	6020B		1	827186	RN	EET CHI	07/23/25 15:49
Total Recoverable	Prep	3005A			826682	MS	EET CHI	07/21/25 13:32 - 07/21/25 19:32 [1]
Total Recoverable	Analysis	6020B		1	827360	RN	EET CHI	07/24/25 13:08
Total/NA	Prep	7470A			827861	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 17:02
Total/NA	Analysis	300.0		1	827338	MM	EET CHI	07/25/25 19:58
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 16:22

Lab Chronicle

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

Job ID: 500-271636-12
SDG: HEN_845_803

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	Analysis	SM 2540C		1	826969	CLB	EET CHI	07/23/25 07:37
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 19:16
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/17/25 09:30

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 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 20:11
Total Recoverable	Prep	3005A			826682	MS	EET CHI	07/21/25 13:32 - 07/21/25 19:32 [1]
Total Recoverable	Analysis	6020B		1	827186	RN	EET CHI	07/23/25 16:04
Total Recoverable	Prep	3005A			826682	MS	EET CHI	07/21/25 13:32 - 07/21/25 19:32 [1]
Total Recoverable	Analysis	6020B		1	827360	RN	EET CHI	07/24/25 13:27
Total/NA	Prep	7470A			827861	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 17:04
Total/NA	Analysis	300.0		1	827338	MM	EET CHI	07/25/25 20:29
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 16:53
Total/NA	Analysis	SM 2540C		1	826983	CLB	EET CHI	07/23/25 08:01
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 19:25
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/17/25 10:35

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 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 20:15
Total Recoverable	Prep	3005A			826682	MS	EET CHI	07/21/25 13:32 - 07/21/25 19:32 [1]
Total Recoverable	Analysis	6020B		1	827186	RN	EET CHI	07/23/25 16:17
Total Recoverable	Prep	3005A			826682	MS	EET CHI	07/21/25 13:32 - 07/21/25 19:32 [1]
Total Recoverable	Analysis	6020B		1	827360	RN	EET CHI	07/24/25 13:30
Total/NA	Prep	7470A			827861	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 17:10
Total/NA	Analysis	300.0		1	827338	MM	EET CHI	07/25/25 21:15
Total/NA	Analysis	SM 2320B		1	826560	AC	EET CHI	07/20/25 17:12
Total/NA	Analysis	SM 2540C		1	826983	CLB	EET CHI	07/23/25 08:08
Total/NA	Analysis	SM 4500 F C		1	826750	AC	EET CHI	07/21/25 19:30
Total/NA	Analysis	Field Sampling		1	827424	DN	EET CHI	07/17/25 10:40

Lab Chronicle

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

Job ID: 500-271636-12
SDG: HEN_845_803

Client Sample ID: 55
Lab Sample ID: 500-271636-46
Date Collected: 07/14/25 11:14
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	Field Sampling		1	827084	DN	EET CHI	07/14/25 11:14

Client Sample ID: XSG01
Lab Sample ID: 500-271636-47
Date Collected: 07/14/25 12:18
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	Field Sampling		1	827084	DN	EET CHI	07/14/25 12:18

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

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

Lab ID: 500-271636-12
SDG: HEN_845_803

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

500-271636 COC

1 of 3

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

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-000	HEN-000-RAD	HEN-257-801	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I D
1	02																	A									X			SHORT HOLD - NO2
2	03R			7/15/25	1625													B	X		X				X		X			SHORT HOLD - NO2
3	05&DR			7/15/25	1240													E		X				X						SHORT HOLD - NO2
4	05IR			7/15/25	1340													E		X				X						SHORT HOLD - NO2,MS/MSD
5	07																	B	X	X	X	X			X	X	X			SHORT HOLD - NO2
6	08																	C	X	X	X	X		X	X	X	X			SHORT HOLD - NO2
7	08&D																	C	X	X	X	X		X	X	X	X			SHORT HOLD - NO2
8	10																	D						X			X			SHORT HOLD - NO2
9	10_FD																	D						X			X			SHORT HOLD - NO2
10	12																	F	X			X		X		X				SHORT HOLD - NO2
11	13																	F	X			X		X		X				SHORT HOLD - NO2
12	16																	G	X	X		X				X				
13	17																	G	X	X		X				X				
14	18&D			7/15/25	1020													B	X		X				X		X			SHORT HOLD - NO2
15	18&D_FD			7/15/25	1025													B	X		X				X		X			SHORT HOLD - NO2
16	18#S			7/15/25	0905													B	X		X				X		X			SHORT HOLD - NO2

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0		7/16/25	1000		7/16/25	1006
		7/16/25	1202	Stephanie Hernandez FETA	7/16/25	1202

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Attalla Thomas Casey

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 7/16/25

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

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

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

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-000	HEN-000-RAD	HEN-257-801	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I D
1	21R	DRINKING WATER DW, WATER WT, WASTE WATER WW, PRODUCT P, SOIL/SOLID SL, OIL OL, WIPE WP, AIR AR, OTHER OT, TISSUE TS	WT		7/15/25	1515													H	X				X				X		X		
2	22																		H	X				X				X		X		
3	22&D																		H	X				X				X		X		
4	23																		H	X				X				X		X		
5	27		WT		7/15/25	1255													H	X				X				X		X		
6	32		WT		7/15/25	1150													H	X				X				X		X		MS/MSD
7	34		WT		7/15/25	1420													H	X				X				X		X		
8	35		WT		7/15/25	1655													H	X				X				X		X		
9	40#S		WT		7/15/25	1525													E		X				X							SHORT HOLD - NO2
10	45#S		WT		7/15/25	1126													B	X		X				X			X			SHORT HOLD - NO2
11	46																		G	X				X								
12	47																		G	X				X								
13	47_FD																		G	X				X								
14	48R																		I		X											
15	49																		H	X				X				X		X		
16	50		WT		7/16/25	0925													H	X				X				X		X		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0		1000	7/16/25		7/16/25	1006
		7/16/25	1202	Stephanie Hernandez EEH	7/16/25	1202

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

Sampler is the same as relinquished by, as on pages 1,3. dbn 071725

CHAIN-OF-CUSTODY / Analytical Request Document

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

3 of 3

Section A Required Client Information

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

Section B Required Project Information

Report To	Brian Voelker
Copy To:	Jason Stuckey & Michael Olle
Purchase Order No.	michael.olle@vistracorp.com
Project Name:	Jason.Stuckey@vistracorp.com
Project Number:	50024191

Section C Invoice Information

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	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)	Project No./ Lab I.D.
1	51																H	X				X				X		X		
2	52																G	X			X				X					
3	52_FD																G	X			X				X					
4	54																G	X			X				X					
5	55																J				X				X					DTW ONLY
6	SG02 (YSG_ILRIVER)																J		X	X	X	X	X	X	X	X	X	X		DTW ONLY
7	XSG01																J				X				X					DTW ONLY
8	FB																C	X					X	X			X			SHORT HOLD - NO2
9	TB1																A										X			BTEX ONLY
10	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		7/16/25	1000		7/16/25	1006
		7/16/25	1202		7/16/25	1202

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 07/16/25 dbn 071725

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

500-271636

CHAIN-OF-CUSTODY / Analytical Request Document

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

1 of 3

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

500-271636 COC

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: HEN-000	HEN-000-RAD	HEN-257-801	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02			7/16/25	0920												A										X			SHORT HOLD - NO2
2	03R																B	X		X				X			X			SHORT HOLD - NO2
3	05&DR																E		X				X							SHORT HOLD - NO2
4	05IR																E		X				X							SHORT HOLD - NO2,MS/MSD
5	07																B	X	X	X	X			X	X		X			SHORT HOLD - NO2
6	08																C	X	X	X	X		X	X	X		X			SHORT HOLD - NO2
7	08&D																C	X	X	X	X		X	X	X		X			SHORT HOLD - NO2
8	10																D						X				X			SHORT HOLD - NO2
9	10_FD																D						X				X			SHORT HOLD - NO2
10	12			7/16/25	1500												F	X			X		X		X					SHORT HOLD - NO2
11	13			7/16/25	1320												F	X			X		X		X					SHORT HOLD - NO2
12	16																G	X	X		X				X					
13	17			7/16/25	1605												G	X	X		X				X					
14	18&D																B	X		X				X			X			SHORT HOLD - NO2
15	18&D_FD																B	X		X				X			X			SHORT HOLD - NO2
16	18#S																B	X		X				X			X			SHORT HOLD - NO2

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	G.J. Ellis / ASE	7/17/25	0900		7/17/25	1007
		7/17/25	1204		7/17/25	1204

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assaillay

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 7/17/25

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

4.2 → 40, 3.0 → 28, 2.0 → 1.8, 4.1 → 3.9

500-27930

CHAIN-OF-CUSTODY / Analytical Request Document

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

2 of 3

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

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	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)	Project No./ Lab I.D.
1	21R															H	X				X				X		X		
19 2	22			7/16/25	1515											H	X				X				X		X		
20 3	22&D			7/16/25	1310											H	X				X				X		X		
21 4	23			7/16/25	1230											H	X				X				X		X		
5	27															H	X				X				X		X		
6	32															H	X				X				X		X		MS/MSD
7	34															H	X				X				X		X		
8	35															H	X				X				X		X		
9	40#S															E		X				X							SHORT HOLD - NO2
10	45#S															B	X			X			X			X			SHORT HOLD - NO2
22 11	46			7/16/25	1600											G	X				X			X					
23 12	47			7/16/25	1050											G	X				X			X					
24 13	47_FD			7/16/25	1055											G	X				X			X					
14	48R															I		X											
25 15	49			7/16/25	1135											H	X				X				X		X		
16	50															H	X				X				X		X		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	[signature] /ASE	7/17/25	0806	[signature]	7/17/25	1007
	[signature]	7/17/25	1204	[signature]	7/17/25	1204

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assaliny

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 07/17/25 dbn 071825

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

500 - 247436

CHAIN-OF-CUSTODY / Analytical Request Document

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

3 of 3

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

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	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)	Project No./ Lab I.D.
26 1	51			7/16/25	1045											H	X				X				X		X		
2	52															G	X				X			X					
3	52_FD															G	X				X			X					
27 4	54			7/16/25	1210											G	X				X			X					
5	55															J					X			X					DTW ONLY
6	SG02 (YSG_ILRIVER)															J		X	X	X	X	X	X	X	X	X	X		DTW ONLY
7	XSG01															J					X			X					DTW ONLY
28 8	FB			7/16/25	1930											C	X					X	X			X			SHORT HOLD - NO2
29 9	TB1			7/17/25	0730											A										X			BTEX ONLY
10	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	AJE	7/17/25	0806	D. Ellison	7/17/25	1007
	D. J. Ellison	7/17/25	1204	[illegible]	7/17/25	1204

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assalley dbn 071825

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 7/17/25

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

500-271636

CHAIN-OF-CUSTODY / Analytical Request Document

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

1 of 3

Section A Required Client Information:

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

Section B Required Project Information:

Report To	Brian Voelker
Copy To:	Jason Stuckey & Michael Olle
Purchase Order No.	michael.olle@vistracorp.com
Project Name	Jason.Stuckey@vistracorp.com
Project Number:	50024191

Section C Invoice Information

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

500-271636 COC

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	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)	Project No./ Lab I.D.
1	02																A									X			SHORT HOLD - NO2
2	03R																B	X		X				X			X			SHORT HOLD - NO2
3	05&DR																E		X				X						SHORT HOLD - NO2
4	05!R																E		X				X						SHORT HOLD - NO2,MS/MSD
5	07			7/17/25	1055												B	X	X	X	X			X	X		X			SHORT HOLD - NO2
6	08			7/17/25	1320												C	X	X	X	X		X	X	X		X			SHORT HOLD - NO2
7	08&D			7/17/25	0915												C	X	X	X	X		X	X	X		X			SHORT HOLD - NO2
8	10			7/17/25	1140												D						X				X			SHORT HOLD - NO2
9	10_FD			7/17/25	1145												D						X				X			SHORT HOLD - NO2
10	12																F	X			X		X		X					SHORT HOLD - NO2
11	13																F	X			X		X		X					SHORT HOLD - NO2
12	16			7/17/25	0936												G	X	X		X				X					
13	17																G	X	X		X				X					
14	18&D																B	X		X				X			X			SHORT HOLD - NO2
15	18&D_FD																B	X		X				X			X			SHORT HOLD - NO2
16	18#S																B	X		X				X			X			SHORT HOLD - NO2

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME			
HEN-25Q3 Rev 0	/ASE	7/17/25	1640	EEVA	7/17/25	1640			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assalley

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 7/17/25

Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

1.6 → 1.4, 5.8 → 5.6, 3.3 → 3.1

500-27658

CHAIN-OF-CUSTODY / Analytical Request Document

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

2 of 3

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

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	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)	Project No./ Lab I.D.
1	21R																H	X				X				X		X		
2	22																H	X				X				X		X		
3	22&D																H	X				X				X		X		
4	23																H	X				X				X		X		
5	27																H	X				X				X		X		
6	32																H	X				X				X		X		MS/MSD
7	34																H	X				X				X		X		
8	35																H	X				X				X		X		
9	40#S																E		X				X							SHORT HOLD - NO2
10	45#S																B	X		X				X			X			SHORT HOLD - NO2
11	46																G	X			X				X					
12	47																G	X			X				X					
13	47_FD																G	X			X				X					
14	48R			7/17/25	0840												I		X											
15	49																H	X				X				X		X		
16	50																H	X				X				X		X		

34

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	[signature] /ABC	7/17/25	1640	DBL ERTA	7/17/25	1640

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Colgan Bradley

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 7/17/25

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

900-27636

CHAIN-OF-CUSTODY / Analytical Request Document

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

3 of 3

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

REGULATORY AGENCY: NPDES | GROUND WATER | DRINKING WATER | UST | RCRA | OTHER

Site Location STATE: IL

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	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)	Project No./ Lab I.D.
1	51																H	X				X				X			
37 2	52			7/17/25	1035												G	X			X				X				
38 3	52_FD			7/17/25	1040												G	X			X				X				
4	54																G	X			X				X				
5	55																J				X				X				DTW ONLY
6	SG02 (YSG_ILRIVER)																J		X	X	X	X	X	X	X	X	X		DTW ONLY
7	XSG01																J				X				X				DTW ONLY
8	FB																C	X					X	X			X		SHORT HOLD - NO2
9	TB1																A										X		BTEX ONLY
39 10	TB2			7/17/25	0000												A										X		BTEX ONLY
40 11	405			7/17/25	1150												E						X						Phenols Only
41 12	12			7/17/25	1130												F						X						Phenols Only
42 13	13			7/17/25	1135												F						X						Phenols Only
14																													
15																													
16																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	AJE	7/17/25	1641	EDTA	7/17/25	1641

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Dzialo

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 7/17/25

Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Phenol resampling added to COC by lab.
dbn 071825

Date/time not recorded on COC for TB2. Default time of 00:00 applied.
dbn 072225

CHAIN-OF-CUSTODY / Analytical Request Document

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

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

500-271636 COC

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

Page 6 of 6

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	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)	Project No./ Lab I.D.
1	~~51~~																H	X				X				X		X		
2	~~52~~																G	X				X			X					
3	~~52_FD~~																G	X				X			X					
4	~~54~~																G	X				X			X					
5	~~55~~																J					X			X					DTW ONLY
6	~~SG02 (YSG_ILRIVER)~~																J		X	X	X	X	X	X	X	X	X	X		DTW ONLY
7	~~XSG01~~																J					X			X					DTW ONLY
8	~~FB~~																C	X					X	X			X			SHORT HOLD - NO2
9	~~TB1~~																A										X			BTEX ONLY
10	~~TB2~~																A										X			BTEX ONLY
43 11	12			7/18/25	1020					2																				Radium
44 12	13			7/18/25	1015					2																				Radium
45 13	22			7/18/25	1045					1																				Total MS/D
14																														
15																														
16																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	[signature] /BAE	7/18/25	1310	[signature] Ross	7/18/25	1310

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Radin

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 7/18/25

Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

0.9 -20.0

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-271636-12
SDG Number: HEN_845_803

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 | Environment Testing

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

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

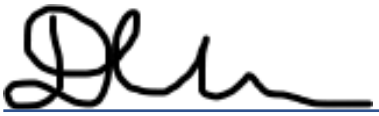
Eurofins Chicago

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

Table of Contents

Case Narrative

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.

Detection Summary

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

Job ID: 500-271636-2
HEN-845-803
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.

Detection Summary

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

Job ID: 500-271636-2
HEN-845-803
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.

Method Summary

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

Job ID: 590-271636-2
SDG: HEN_000_RAD

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

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

Sample Summary

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

Job ID: 500-271636-2
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

Job ID: 500-271636-2
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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
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

Job ID: 500-271636-2
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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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	

QC Association Summary

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

Job ID: 500-271636-2
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

Job ID: 500-271636-2
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

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

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

Carrier	MB %Yield	MB 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

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (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 %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110	07/22/25 08:06	08/13/25 11:42	1

QC Sample Results

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

Job ID: 500-271636-2
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

QC Sample Results

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

Job ID: 500-271636-2
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	Prepared	Analyzed	Dil Fac
Ba Carrier	95.0		30 - 110	07/22/25 08:14	08/12/25 11:40	1
Y Carrier	81.1		30 - 110	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	Prepared	Analyzed	Dil Fac
Ba Carrier	92.7		30 - 110	07/23/25 08:08	08/14/25 12:07	1
Y Carrier	92.0		30 - 110	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

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

Job ID: 500-271636-2
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

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

Job ID: 500-271636-2
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

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
Lab Sample ID: 500-271636-8
Date Collected: 07/15/25 12:55
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	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
Lab Sample ID: 500-271636-9
Date Collected: 07/15/25 11:50
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	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
Lab Sample ID: 500-271636-10
Date Collected: 07/15/25 14:20
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/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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

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

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

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

Job ID: 590-271636-2
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

CHAIN-OF-CUSTODY / Analytical Request Document

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

500-271636 COC

1 of 3

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

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-000	HEN-000-RAD	HEN-257-801	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I D
1	02																	A									X			SHORT HOLD - NO2
2	03R			7/15/25	1625													B	X		X				X		X			SHORT HOLD - NO2
3	05&DR			7/15/25	1240													E		X				X						SHORT HOLD - NO2
4	05IR			7/15/25	1340													E		X				X						SHORT HOLD - NO2,MS/MSD
5	07																	B	X	X	X	X			X	X	X			SHORT HOLD - NO2
6	08																	C	X	X	X	X		X	X	X	X			SHORT HOLD - NO2
7	08&D																	C	X	X	X	X		X	X	X	X			SHORT HOLD - NO2
8	10																	D						X			X			SHORT HOLD - NO2
9	10_FD																	D						X			X			SHORT HOLD - NO2
10	12																	F	X			X		X		X				SHORT HOLD - NO2
11	13																	F	X			X		X		X				SHORT HOLD - NO2
12	16																	G	X	X		X				X				
13	17																	G	X	X		X				X				
14	18&D			7/15/25	1020													B	X		X				X		X			SHORT HOLD - NO2
15	18&D_FD			7/15/25	1025													B	X		X				X		X			SHORT HOLD - NO2
16	18#S			7/15/25	0905													B	X		X				X		X			SHORT HOLD - NO2

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0		1006	7/16/25		7/16/25	1006
		7/16/25	1202	Stephanie Hemanndy FEIA	7/16/25	1202

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Attalla Thomas Casey

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 7/16/25

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

2 of 3

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-000	HEN-000-RAD	HEN-257-801	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I D
1	21R	WT		7/15/25	1515												H	X				X				X		X		
2	22																H	X				X				X		X		
3	22&D																H	X				X				X		X		
4	23																H	X				X				X		X		
5	27	WT		7/15/25	1255												H	X				X				X		X		
6	32	WT		7/15/25	1150												H	X				X				X		X		MS/MSD
7	34	WT		7/15/25	1420												H	X				X				X		X		
8	35	WT		7/15/25	1655												H	X				X				X		X		
9	40#S	WT		7/15/25	1525												E		X				X							SHORT HOLD - NO2
10	45#S	WT		7/15/25	1126												B	X			X			X			X			SHORT HOLD - NO2
11	46																G	X				X			X					
12	47																G	X				X			X					
13	47_FD																G	X				X			X					
14	48R																I		X											
15	49																H	X				X				X		X		
16	50	WT		7/16/25	0925												H	X				X				X		X		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0		1000	7/16/25		7/16/25	1006
		7/16/25	1202	Stephanie Hernandez EEI	7/16/25	1202

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

Sampler is the same as relinquished by, as on pages 1,3. dbn 071725

CHAIN-OF-CUSTODY / Analytical Request Document

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

3 of 3

Section A Required Client Information

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

Section B Required Project Information

Report To	Brian Voelker
Copy To:	Jason Stuckey & Michael Olle
Purchase Order No.	michael.olle@vistracorp.com
Project Name:	Jason.Stuckey@vistracorp.com
Project Number:	50024191

Section C Invoice Information

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: HEN-000	HEN-000-RAD	HEN-257-801	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	51																H	X				X				X			
2	52																G	X			X				X				
3	52_FD																G	X			X				X				
4	54																G	X			X				X				
5	55																J				X				X				DTW ONLY
6	SG02 (YSG_ILRIVER)																J		X	X	X	X	X	X	X	X	X	X	DTW ONLY
7	XSG01																J				X				X				DTW ONLY
8	FB																C	X					X	X			X		SHORT HOLD - NO2
9	TB1																A										X		BTEX ONLY
10	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		7/16/25	1006		7/16/25	1006
		7/16/25	1202		7/16/25	1202

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER.

SIGNATURE of SAMPLER.

DATE Signed (MM/DD/YY) 07/16/25 dbn 071725

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

500-271636

CHAIN-OF-CUSTODY / Analytical Request Document

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

1 of 3

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

500-271636 COC

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-000	HEN-000-RAD	HEN-257-801	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02			7/16/25	0920												A										X			SHORT HOLD - NO2
2	03R																B	X		X				X			X			SHORT HOLD - NO2
3	05&DR																E		X				X							SHORT HOLD - NO2
4	05IR																E		X				X							SHORT HOLD - NO2,MS/MSD
5	07																B	X	X	X	X			X	X		X			SHORT HOLD - NO2
6	08																C	X	X	X	X		X	X	X		X			SHORT HOLD - NO2
7	08&D																C	X	X	X	X		X	X	X		X			SHORT HOLD - NO2
8	10																D						X				X			SHORT HOLD - NO2
9	10_FD																D						X				X			SHORT HOLD - NO2
10	12			7/16/25	1500												F	X			X		X		X					SHORT HOLD - NO2
11	13			7/16/25	1320												F	X			X		X		X					SHORT HOLD - NO2
12	16																G	X	X		X				X					
13	17			7/16/25	1605												G	X	X		X				X					
14	18&D																B	X		X				X			X			SHORT HOLD - NO2
15	18&D_FD																B	X		X				X			X			SHORT HOLD - NO2
16	18#S																B	X		X				X			X			SHORT HOLD - NO2

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	G.J. Ellis / ASE	7/17/25	0900		7/17/25	1007
		7/17/25	1204		7/17/25	1204

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assaillay

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 7/17/25

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

4.2 → 40, 3.0 → 28, 2.0 → 1.8, 4.1 → 3.9

500-27930

CHAIN-OF-CUSTODY / Analytical Request Document

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

2 of 3

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

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	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)	Project No./ Lab I.D.
1	21R															H	X				X				X		X		
2	22			7/16/25	1515											H	X				X				X		X		
3	22&D			7/16/25	1310											H	X				X				X		X		
4	23			7/16/25	1230											H	X				X				X		X		
5	27															H	X				X				X		X		
6	32															H	X				X				X		X		MS/MSD
7	34															H	X				X				X		X		
8	35															H	X				X				X		X		
9	40#S															E		X				X							SHORT HOLD - NO2
10	45#S															B	X			X				X					SHORT HOLD - NO2
11	46			7/16/25	1600											G	X												
12	47			7/16/25	1050											G	X												
13	47_FD			7/16/25	1055											G	X												
14	48R															I		X											
15	49			7/16/25	1135											H	X				X				X		X		
16	50															H	X				X				X		X		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	[illegible]/ASE	7/17/25	0806	[illegible]	7/17/25	1007
	[illegible]	7/17/25	1204	[illegible]	7/17/25	1204

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assaliny

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 07/17/25 dbn 071825

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

500 - 247036

CHAIN-OF-CUSTODY / Analytical Request Document

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

3 of 3

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

REGULATORY AGENCY

NPDES | **GROUND WATER** | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE	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 DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: HEN-000	HEN-000-RAD	HEN-257-801	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I.D.
26 1	51				7/16/25	1045											H	X				X				X		X		
2	52																G	X			X				X					
3	52_FD																G	X			X				X					
27 4	54				7/16/25	1210											G	X			X				X					
5	55																J				X				X					DTW ONLY
6	SG02 (YSG_ILRIVER)																J		X	X	X	X	X	X	X	X	X	X		DTW ONLY
7	XSG01																J				X				X					DTW ONLY
28 8	FB				7/16/25	1930											C	X					X	X			X			SHORT HOLD - NO2
29 9	TB1				7/17/25	0730											A										X			BTEX ONLY
10	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	AJE	7/17/25	0806	D. Ellis	7/17/25	1007
	D. J. Ellis	7/17/25	1204		7/17/25	1204

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assalley dbn 071825

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 7/17/25

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

500-271636

CHAIN-OF-CUSTODY / Analytical Request Document

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

1 of 3

Section A Required Client Information:

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

Section B Required Project Information:

Report To	Brian Voelker
Copy To:	Jason Stuckey & Michael Olle
Purchase Order No.	michael.olle@vistracorp.com
Project Name	Jason.Stuckey@vistracorp.com
Project Number:	50024191

Section C Invoice Information

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

500-271636 COC

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	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)	Project No./ Lab I.D.
1	02																A									X			SHORT HOLD - NO2
2	03R																B	X		X				X			X			SHORT HOLD - NO2
3	05&DR																E		X				X							SHORT HOLD - NO2
4	05!R																E		X				X							SHORT HOLD - NO2,MS/MSD
5	07			7/17/25	1055												B	X	X	X	X			X	X		X			SHORT HOLD - NO2
6	08			7/17/25	1320												C	X	X	X	X		X	X	X		X			SHORT HOLD - NO2
7	08&D			7/17/25	0915												C	X	X	X	X		X	X	X		X			SHORT HOLD - NO2
8	10			7/17/25	1140												D						X				X			SHORT HOLD - NO2
9	10_FD			7/17/25	1145												D						X				X			SHORT HOLD - NO2
10	12																F	X			X		X		X					SHORT HOLD - NO2
11	13																F	X			X		X		X					SHORT HOLD - NO2
12	16			7/17/25	0936												G	X	X		X				X					
13	17																G	X	X		X				X					
14	18&D																B	X		X				X			X			SHORT HOLD - NO2
15	18&D_FD																B	X		X				X			X			SHORT HOLD - NO2
16	18#S																B	X		X				X			X			SHORT HOLD - NO2

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	/AJE	7/17/25	1640	EEVA	7/17/25	1640

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Aspelund

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 7/17/25

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

1.6 → 1.4, 5.8 → 5.6, 3.3 → 3.1

500-27658

CHAIN-OF-CUSTODY / Analytical Request Document

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

2 of 3

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

REGULATORY AGENCY

NPDES | **GROUND WATER** | DRINKING WATER

UST | RCRA | OTHER

Site Location STATE: IL

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	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)	Project No./ Lab I.D.
1	21R																H	X				X				X		X		
2	22																H	X				X				X		X		
3	22&D																H	X				X				X		X		
4	23																H	X				X				X		X		
5	27																H	X				X				X		X		
6	32																H	X				X				X		X		MS/MSD
7	34																H	X				X				X		X		
8	35																H	X				X				X		X		
9	40#S																E		X				X							SHORT HOLD - NO2
10	45#S																B	X		X				X			X			SHORT HOLD - NO2
11	46																G	X			X				X					
12	47																G	X			X				X					
13	47_FD																G	X			X				X					
14	48R			7/17/25	0840												I		X											
15	49																H	X				X				X		X		
16	50																H	X				X				X		X		

34

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	ABC	7/17/25	1640	DBL ECTA	7/17/25	1640

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Colgan Bradley

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 7/17/25

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

900-27636

CHAIN-OF-CUSTODY / Analytical Request Document

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

3 of 3

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

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

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

ITEM #	SAMPLE ID (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	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)	Project No./ Lab I.D.
1	51																H	X				X				X			
37 2	52			7/17/25	1035												G	X			X				X				
38 3	52_FD			7/17/25	1040												G	X			X				X				
4	54																G	X			X				X				
5	55																J				X				X				DTW ONLY
6	SG02 (YSG_ILRIVER)																J		X	X	X	X	X	X	X	X	X		DTW ONLY
7	XSG01																J				X				X				DTW ONLY
8	FB																C	X					X	X		X			SHORT HOLD - NO2
9	TB1																A									X			BTEX ONLY
39 10	TB2			7/17/25	0000												A									X			BTEX ONLY
40 11	405			7/17/25	1150												E						X						Phenols Only
41 12	12			7/17/25	1130												F						X						Phenols Only
42 13	13			7/17/25	1135												F						X						Phenols Only
14																													
15																													
16																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	AJE	7/17/25	1641	EQTA	7/17/25	1641

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Dzialo

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 7/17/25

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Phenol resampling added to COC by lab.
dbn 071825

Date/time not recorded on COC for TB2. Default time of 00:00 applied.
dbn 072225

CHAIN-OF-CUSTODY / Analytical Request Document

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

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

500-271636 COC

Page 1 of 1

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	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)	Project No./ Lab I.D.
1	~~51~~																H	X				X				X		X		
2	~~52~~																G	X			X				X					
3	~~52_FD~~																G	X			X				X					
4	~~54~~																G	X			X				X					
5	~~55~~																J				X				X					DTW ONLY
6	~~SG02 (YSG_ILRIVER)~~																J		X	X	X	X	X	X	X	X	X	X		DTW ONLY
7	~~XSG01~~																J				X				X					DTW ONLY
8	~~FB~~																C	X					X	X			X			SHORT HOLD - NO2
9	~~TB1~~																A										X			BTEX ONLY
10	~~TB2~~																A										X			BTEX ONLY
43 11	12			7/18/25	1020					2																			Radium
44 12	13			7/18/25	1015					2																			Radium
45 13	22			7/18/25	1045					1																			Total MRB
14																													
15																													
16																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q3 Rev 0	[redacted] /BAE	7/18/25	1310	[redacted] Roots	7/18/25	1310

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Raiola

SIGNATURE of SAMPLER: [redacted]

DATE Signed (MM/DD/YY): 7/18/25

Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

0.9 -20.0

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COC No: 500-205830.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-271636-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/14/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
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			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21BB	904.0/PrecSep_0BB	Ra226_228GFPC_PBB	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
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/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	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Stephanie Hernandez	7/16/25 1700	EEIA		0820 JUL 17 2025	
2	Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COC No: 500-205830.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-271636-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/14/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
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			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21BB	904.0/PrecSep_0BB	Ra226_228GFPC_PBB	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
34 (500-271636-10)	7/15/25	14:20 Central	G	Water			X	X	X	2	
35 (500-271636-11)	7/15/25	15:55 Central	G	Water			X	X	X	2	
45#S (500-271636-13)	7/15/25	11:20 Central	G	Water			X	X	X	2	
50 (500-271636-14)	7/16/25	09:25 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/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*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Stephanie Hernandez	7/16/25 1700	EEIA		0820 JUL 17 2025	
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

08/15/25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, EAST ASH POND
HEN-845803

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | 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: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 2
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			
State, Zip: MO, 63045				
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			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21BB	904.0/PrecSep_0BB	Ra226_228GFPC_PBB	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
17 (500-271636-18)	7/16/25	16:05 Central	G	Water			X	X	X	2	
22 (500-271636-19)	7/16/25	15:15 Central	G	Water			X	X	X	2	
22&D (500-271636-20)	7/16/25	13:10 Central	G	Water			X	X	X	2	
23 (500-271636-21)	7/16/25	12:30 Central	G	Water			X	X	X	2	
46 (500-271636-22)	7/16/25	16:00 Central	G	Water			X	X	X	2	
47 (500-271636-23)	7/16/25	10:50 Central	G	Water			X	X	X	2	
47_FD (500-271636-24)	7/16/25	10:55 Central	G	Water			X	X	X	2	
49 (500-271636-25)	7/16/25	11:35 Central	G	Water			X	X	X	2	
51 (500-271636-26)	7/16/25	10:45 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/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*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Chris Scott	7/17/25 1530		M. Pinette	JUL 18 2025 0820	
2	Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COC No: 500-206246.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 2 of 2
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			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
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			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21BB	904.0/PrecSep_0BB	Ra226_228GFPC_PBB	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
54 (500-271636-27)	7/16/25	12:10 Central	G	Water			X	X	X	2	
FB (500-271636-28)	7/16/25	19:30 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/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	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Shir Scott	7/17/25 1530		M. Pinette	JUL 18 2025 0820	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

08/15/25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, EAST ASH POND
HEN-845-803

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COC No: 500-206639.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-271636-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 7/31/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
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			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21BB	904.0/PrecSep_0BB	Ra226_228GFPC_PBB	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
07 (500-271636-30)	7/17/25	10:55 Central	G	Water			X	X	X	2	
08 (500-271636-31)	7/17/25	13:20 Central	G	Water			X	X	X	2	
08&D (500-271636-32)	7/17/25	09:15 Central	G	Water			X	X	X	2	
16 (500-271636-35)	7/17/25	09:30 Central	G	Water			X	X	X	2	
52 (500-271636-37)	7/17/25	10:35 Central	G	Water			X	X	X	2	
52_FD (500-271636-38)	7/17/25	10:40 Central	G	Water			X	X	X	2	

Preservation Codes: -

Other: N/A

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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

Relinquished by: [signature]	Date/Time: 07/18/25 1310	Company: BETA	Received by: [signature]	Date/Time: 0815 JUL 21 2025	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COC No: 500-206673.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-271636-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 7/31/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
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			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21BB	904.0/PrecSep_0BB	Ra226_228GFPC_PBB	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
12 (500-271636-43)	7/18/25	10:20 Central	G	Water			X	X	X	2	
13 (500-271636-44)	7/18/25	10:15 Central	G	Water			X	X	X	2	

Preservation Codes: -

Other: N/A

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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by: Date:	Time: Method of Shipment:
Relinquished by: Date/Time: 07/18/25 1330 Company EE TA	Received by: Date/Time: 0815 JUL 21 2025 Company
Relinquished by: Date/Time: Company	Received by: Cheyenne Forrest Date/Time: Company
Relinquished by: Date/Time: Company	Received by: Date/Time: Company
Custody Seals Intact: Δ Yes Δ No Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

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 </= 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.

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

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

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.

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

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

Tracer/Carrier Summary

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

Job ID: 500-271636-2
SDG: HEN_000_RAD

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
500-271636-1	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

Tracer/Carrier Summary

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

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: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7 / 16 /2025 Time: 840
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer
Field Personnel: Thomas Casey

WELL INFORMATION

Well ID: B2
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow

YSI SERIAL NO: 218054 Heron
Serial NO: 25962

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	0840	—	45.50								Clear
Purge	5	0845	114	45.50	0	16.8	6.85	0.977	7.90	1.45	158.7	Clear
↓	10	0850	114	45.50	0	15.5	6.82	1.030	2.71	2.26	152.1	Clear
	15	0855	114	45.50	0	15.4	6.81	1.018	1.47	1.76	149.0	Clear
********	20	0900	112	45.50	0	15.4	6.82	1.012	0.75	2.00	144.6	Clear
↓	25	0905	112	45.50	0	15.3	6.85	1.006	0.52	1.10	140.6	Clear
	30	0910	1	45.50	0	15.4	6.90	1.005	0.42	1.04	135.2	Clear
↓	35	~~0915~~ 0915	114	45.50	0	15.3	6.92	1.003	0.36	0.93	132.4	Clear
Sample	40	0920										
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 920 on 7 / 16 / 2025

ABBREVIATIONS

Cond - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance
FT BTOC - Feet Below Top of Casing na - Not 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: 1555

Field Personnel: Thomas Losey

WELL INFORMATION

Well ID: 03R

Casing ID: Inches

EVENT TYPE

Well Development | Low-Flow / Low Stress Sampling Other | YSI SERIAL NO: 21854 Heron

Well Volume Approach Sampling | (Specify): Low Flow | Serial NO: 25962

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	1/4	35.60		18.8	7.52	0.853	1.73	2.40	73.6	Clear
"	10	1605	1/2	35.60		18.9	7.51	0.852	1.64	3.20	76.8	" "
"	15	1610	1/2	35.60		18.8	7.52	0.845	0.79	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	7.50	0.846	0.80	3.35	78.7	" "
Sample	30	1625	—	35.60	—	—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @1625 on 7 / 15 / 2025

ABBREVIATIONS

Cond - Actual Conductivity | ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units | FT BTOC - Feet Below Top of Casing na - Not

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/15/2025 Time: 1305
Field Personnel: Thomas Casey
Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: OSB
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 21805A Heron
Serial NO: 25962

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	1305	—	41.70	—	—	—	—	—	—	—	—
Purge	5	1310	1/4	41.70		19.6	7.93	0.797	1.96	2.37	84.2	Clear
|	10	1315	1/4	41.70		18.9	7.93	0.796	1.22	2.27	81.1	" "
	15	1320	1/4	41.70		19.0	7.94	0.797	1.05	2.30	78.3	" "
*******	20	1325	1/2	41.70		19.0	7.93	0.797	0.96	2.48	76.1	" "
	25	1330	1	41.70		18.9	7.93	0.797	0.82	2.16	74.1	" "
V	30	1335	1 1/4	41.70		18.9	7.92	0.796	0.82	2.35	72.5	" "
Sampl	35	1340	—									
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @1340 on 7/15/2025 MS/MSD

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Conductance
FT BTOC - Feet Below Top of Casing na - Not Electrical SU - Standard Units

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/15/2025 Time: 1150
Field Personnel: Thomas Cosey
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 05DR
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 21B 054 Heron
Serial NO: 259 62

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	1150	—	41.80	—	—	—	—	—	—	—	—
Purge	5	1155	1/4	41.80		20.9	7.78	0.805	5.76	1.46	90.2	Clear
	10	1200	1/4	41.80		21.1	7.71	0.809	3.33	1.51	85.4	"
	15	1205	1/4	41.80		21.2	7.71	0.806	2.33	1.40	78.9	"
*******	20	1210	1/2	41.80		20.7	7.71	0.804	2.04	1.55	74.1	"
	25	1215	1/2	41.80		19.4	7.73	0.806	1.53	1.53	68.7	"
	30	1220	3/4	41.80		18.8	7.71	0.794	1.09	1.84	65.5	"
	35	1225	1	41.80		18.6	7.70	0.792	0.93	1.43	64.6	"
	40	1230	1 1/4	41.80		18.6	7.69	0.791	0.94	1.51	63.4	"
↓	45	1235	1 1/2	41.80		18.5	7.68	0.790	0.95	1.60	62.1	"
Sample	50	1240	—	41.80	—	—	—	—	—	—	—	—
	55											
	60											

NOTES (continued)

Sampled @ 1240 on 7/15/2025

ABBREVIATIONS

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: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7 /17 /2025 Time: 1015
Field Personnel: G. Azzalin
Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 07
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 23333 Heron Serial NO: 20295

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	1015	—	68.99	—	—	—	—	—	—	—	—
Purge	5	~~1030~~										
	10											
	15	1035	1	69.00	~~2.4~~	12.4	6.78	977	5.80	10.74	204.3	Clear
*******	20	1040	1.5	69.00	~~2.4~~	12.3	6.76	976	5.82	7.85	204.5	" "
	25	1045	2	69.01	~~2.4~~	12.2	6.76	974	5.92	7.02	205.8	" "
↓	30	1050	2.5	68.99	~~2.4~~	12.1	6.76	970	5.78	4.32	206.8	" "
Sampl	35	1055										
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

7 Sampled @ 1055 on 7 /17 / 2025

Time gap for equipment troubleshooting

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units
FT BTOC - Feet Below Top of Casing na - Not

7 sampled @ 1055 on 7/17/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/17/2025 Time: 1245
Field Personnel: G. Armbrust
Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 08
Casing ID: Inches

EVENT TYPE

Well Development Low-Flow / Low Stress Sampling Other
Well Volume Approach Sampling (Specify): Low Flow

YSI SERIAL NO: 22X283 Heron
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	1255	—	53.05								
Purge	5	1300	0.5	53.60		14.6	6.88	1508	1.21	4.76	170.7	Clear
↓	10	1305	2	53.01		14.3	6.78	1510	0.73	7.42	173.2	" "
↓	15	1310	3.5	53.00		14.2	6.75	1513	0.72	3.40	173.6	" "
*******	20	1315	4.5	53.00		14.2	6.75	1513	0.75	6.72	172.5	" "
Sample	25	1320	—	52.00								
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

08 Sampled @ 1320 on 7/17 / 2025

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance
FT BTOC - Feet Below Top of Casing na - Not SU - Standard Units

08 Sampled @ 1320
7/17/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin | Client: Vistra
Project Number: 2024.1111 | Task #: | Start Date: 7/17/2025 | Time: 0800
Field Personnel: George Assalley
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 03 D
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 22333 Heron Serial NO: 20915

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	0810	→	54.31	←							
Purge	5	0875				19.20	7.07	1711	8.20	10.39	182.0	Clear
↓	10	0840				18.3	7.02	1737	8.40	9.34	180.7	" "
↓	15	0845		54.33		17.3	6.65	1847	5.80	7.60	181.0	
********	20	0850				16.7	6.51	1793	2.14	5.65	178.8	" "
↓	25	0855				16.6	6.50	1778	1.72	4.46	175.3	" "
↓	30	0900				16.0	6.49	1776	1.32	7.62	172.8	" "
↓	35	0905				15.9	6.48	1767	1.17	4.32	170.7	" "
↓	40	0910				15.9	6.48	1777	1.20	5.07	168.4	" "
Sample	45	0915	—	—	→							
	50											
	55											
	60											

NOTES (continued)

Sampled @ on 7/17/2025
Time gap due to equipment troubleshooting

ABBREVIATIONS

Cond. - Actual Conductivity | ORP - Oxidation-Reduction Potential SEC - Specific
FT BTOC - Feet Below Top of Casing na - Not | Electrical Conductance SU - Standard Units

08D
Sample @ 0915 7/17/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7 / 17 2025 Time: 1110
Field Personnel: Thomas Casey
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 10
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow

YSI SERIAL NO: 21B054 Heron
Serial NO: 25962

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	11:10	—	50.78	—							Clear
Purge	5	1115	1/4	50.78	0	19.4	7.25	0.850	2.98	0.78	109.5	Clear
	10	1120	1/2	50.78	0	19.5	7.19	0.848	1.30	0.79	108.2	Clear
	15	1125	1	50.78	0	19.4	7.16	0.847	0.78	0.77	106.0	Clear
*******	20	1130	1 1/2	50.78	0	19.4	7.15	0.846	0.65	0.85	104.1	Clear
	25	1135		50.78	0	19.4	7.15	0.846	0.60	0.84	102.4	Clear
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1140 on 7 / 17 / 2025

Dup @ 1145

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance
FT BTOC - Feet Below Top of Casing na - Not SU - Standard Units

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 1430
Field Personnel: Thomas Casey
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 12
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 23054 Heron
Serial NO: 25962

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	1430	—	51.50								Clear
Purge	5	1435	1/4	51.50	0	19.2	7.42	0.779	2.70	0.48	107.9	Clear
↓	10	1440	1/2	51.50	0	19.1	7.40	0.774	1.00	0.69	105.1	Clear
	15	1445	3/4	51.50	0	19.2	7.39	0.772	0.75	0.75	102.0	Clear
*******	20	1450	1	51.50	0	19.2	7.39	0.771	0.60	0.76	98.5	Clear
↓	25	1455	1 1/4	51.50	0	19.2	7.39	0.771	0.55	0.75	95.0	Clear
Sample	30	1500										
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1500 on 7/16/2025

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific
FT BTOC - Feet Below Top of Casing na - Not 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
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 1240
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer
Field Personnel: Thomas Casey

WELL INFORMATION

Well ID: 13
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: 21805 4 Heron
Serial NO: 25962

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
	35	1315	2	51.50	0	19.9	7.42	0.781	0.89	0.82	71.7	clear
Sample	40	1320										
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1320 on 7/16 / 2025

ABBREVIATIONS

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: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7 / 17 /2025 Time: 0855
Field Personnel: Thomas Casey
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 16
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 21854 Heron
Serial NO: 2596Z

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	0855	—	54.4	—							Clear
Purge	5	0900	1/4	54.4	0	20.1	7.32	0.849	4.96	1.19	64.3	Clear
↓	10	0905	1/4	54.4	0	22.6	7.34	0.801	1.73	1.17	70.2	Clear
	15	0910	1/2	54.4	0	23.1	7.35	0.798	1.05	1.19	75.9	Clear
*******	20	0915	3/4	54.4	0	23.2	7.35	0.794	0.73	1.13	76.9	Clear
	25	0920	1	54.4	0	23.2	7.35	0.793	0.59	0.79	76.4	Clear
↓	30	0925	1 1/2	54.4	0	23.2	7.35	0.791	0.54	0.83	75.0	Clear
Sample	35	0930										
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 0930 on 7 / 17 / 2025

ABBREVIATIONS

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: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 1530
Field Personnel: G. Arsallay
Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 17
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: 22333 Heron
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	1535	—	54.87	—							
Purge	5	1540	0.5	54.87		23.4	7.36	854	5.92	3.72	137.8	Clear
↓	10	1545	1	54.87		23.0	7.23	860	5.76	4.92	137.1	"
↓	15	1550	1	54.86		16.8	7.50	792	3.98	5.64	131.7	"
********	20	1555	1.5	54.86		16.9	7.46	789	4.02	7.02	129.4	"
↓	25	1600	2	54.86		16.8	7.46	787	4.10	4.78	129.0	"
Sample	30	1605	—	54.86	—							
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

17 Sampled @ 1605 on 7/16 / 2025

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units
FT BTOC - Feet Below Top of Casing na - Not

17 sampled @ 1605 on 7/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/15/2025 Time: 0830
Sampling Equipment Used (Circle One): ~~Dedicated Bladder~~ Peristaltic Pump Portable Bladder Bailer
Field Personnel: Thomas Cathey

WELL INFORMATION

Well ID: 183
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: 218054 Heron
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	0830	—	41.20	—	—	—	—	—	~~2.68~~	—	—
Purge	5	0835	1/4	41.20	0	18.0	7.56	0.837	1.98	~~2.32~~ 2.68	112.9	Clear
|	10	0840	1/2	41.20	0	18.0	7.57	0.837	1.64	~~2.32~~ 2.32	111.1	" "
|	15	0845	1/2	41.20	0	18.0	7.59	0.836	1.18	2.34	106.5	" "
*******	20	0850	1	41.20	0	18.1	7.60	0.836	0.93	2.37	103.3	" "
|	25	0855	1 1/4	41.20	0	18.1	7.60	0.835	0.86	2.24	100.7	" "
↓	30	0900	1 1/2	41.20	0	18.2	7.60	0.835	0.83	2.15	99.1	" "
Sample	35	0905	—	41.26	—	—	—	—	—	—	—	—
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @0905 on 7/15/2025

ABBREVIATIONS

Cond - Actual Conductivity
FT BTOC - Feet Below Top of Casing na - 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
Project Number: 2024.1111 | Task #: | Start Date: 7/15/2025 | Time: 0940
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer
Field Personnel: Thomas Casey

WELL INFORMATION

Well ID: 18D
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: 21805H Heron
Serial NO: 25962

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	0940	—	41.40	—	—	—	—	—	—	—	—
Purge	5	0945	1/4	41.40		18.3	7.40	0.853	3.67	2.61	84.7	Clear
|	10	0950	1/4	41.40		18.4	7.40	0.854	1.36	1.88	67.5	" "
|	15	0955	1/4	41.40		18.4	7.39	0.851	0.93	2.43	47.9	" "
*******	20	1000	1/2	41.40		18.5	7.38	0.850	0.86	3.55	28.1	" "
|	25	1005	1	41.40		18.6	7.36	0.851	0.79	4.03	16.6	" "
|	30	1010	1 1/4	41.40		18.6	7.36	0.850	0.74	4.40	13.2	" "
↓	35	1015	1 1/2	41.40		18.6	7.37	0.851	0.75	7.26	11.2	" "
Sample	40	1020	—	—	—	—	—	—	—	—	—	—
Sample	45	1025	—	—	—	—	—	—	—	—	—	—
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1020 on 7/15/2025

ABBREVIATIONS

Cond. - Actual Conductivity | ORP - Oxidation-Reduction Potential SEC - Specific
FT BTOC - Feet Below Top of Casing na - Not | Electrical Conductance SU - Standard Units

18D Duplicate @ 1025

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: 1430

Field Personnel: G. Assaley

WELL INFORMATION

Well ID: 21R

Casing ID: Inches

EVENT TYPE

Well Development | Well Volume Approach Sampling | Low-Flow / Low Stress Sampling Other (Specify): Low Flow

YSI SERIAL NO: 23333 Heron Serial NO: 20291S

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
		1435										
Pre	0	[redacted]	—	6.59	—	—	—	—	—	—	—	—
Purge	5	1440	0.5	6.61		16.6	7.73	875	1.10	9.62	37.0	Clear
|	10	1445	0.5	6.61		15.5	7.59	867	0.42	9.73	33.1	" "
|	15	1450	1	6.65		15.3	7.57	863	0.43	15.15	-75.3	" "
********	20	1455	2	6.61		15.2	7.40	854	0.316	31.10	-130.3	" "
|	25	1500	3	6.59		15.1	7.48	972	0.41	9.03	-165.5	" "
|	30	1505	4	6.69		15.1	7.50	988	0.27	[redacted]	-171.2	" "
↓	35	1510	4.5	6.68		15.0	7.52	986	0.34	3.07	-174.2	" "
3 x NBV	40	1515	4.5	6.68	—	—	—	—	—	—	—	—
	45										7.42	
	50											
	55											
	60											

NOTES (continued)

21R Sampled @ 1515 on 7/15/2025

ABBREVIATIONS

Cond. - Actual Conductivity | ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units | FT BTOC - Feet Below Top of Casing na - Not

21R sampled @ 1515 on 7/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 1445
Field Personnel: C. Arsenault
Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 22
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 22338 Heron Serial NO: 20295

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 1445	0	[redacted]	—	19.05	—	—	—	—	—	—	—	—
Purge 1450	5	[redacted]	0.5			16.8	7.84	909	0.98	3.45	128.1	Clear
1455	10	[redacted]	1	19.05		16.3	7.85	907	0.62	5.12	129.7	Clear
	15	1500	1.5	19.02		16.3	7.78	906	0.45	3.72	126.5	" "
*******	20	1505	2	19.00		16.3	7.73	906	0.35	9.84	122.10	" "
↓	25	1510	2.5	19.02		16.4	7.77	906	0.37	6.52	117.9	" "
Sample	30	1515	3	19.04		—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ on 7 / / 2025

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Conductance
FT BTOC - Feet Below Top of Casing na - Not Applicable SU - Standard Units

22 sampled @ 1515 on 7/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin | Client: Vistra
Project Number: 2024.1111 | Task #: | Start Date: 7/16/2025 | Time: 1240
Field Personnel: G. Axalby
Sampling Equipment Used (Circle One): Dedicated Bladder | Peristaltic Pump | Portable Bladder | Bailer

WELL INFORMATION

Well ID: 220
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 23A233 Heron Serial NO: 20215

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	1245	—	19.69	—							
Purge	5	1250	0.5	20.03		16.8	7.38	990	0.42	4.69	-112.6	Clear
↓	10	1255	1	19.95		16.9	7.36	989	0.37	5.69	-122.3	↓
	15	1300	1.5	20.02		16.8	7.35	984	0.41	8.62	-127.0	↓
*******	20	1305	2	19.99		16.8	7.35	984	0.45	6.42	-128.3	↓
Sampl	25	1310	—	19.98	—							
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @1310 on 7/16/2025

ABBREVIATIONS

Cond. - Actual Conductivity | ORP - Oxidation-Reduction Potential SEC - Specific Conductance
FT BTOC - Feet Below Top of Casing na - Not | Electrical Conductance SU - Standard Units

Sampled @ 1310 on 7/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 1200
Field Personnel: G. Ansley
Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 23
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 2 23387 Heron Serial NO: 20291S

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
				17								
Pre	0	1205	—	17.39	—	—	—	—	—	—	—	—
Purge	5	1210	0.5	17.54		13.9	7.56	1076	1.96	4.11	24.4	Clear
	10	1215	1	17.62		13.8	7.53	1071	0.42	4.72	-130.5	" "
	15	1220	1	17.80		13.9	7.58	1070	0.35	7.62	-129.5	" "
*******	20	1223	1.5	17.50		13.8	7.53	1071	0.34	5.37	-125.7	" "
Sampled	25	1230	—	17.34	—	—	—	—	—	—	—	—
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

23 Sampled @ 1230 on 7/16/2025

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation Reduction Potential SEC - Specific Conductance
FT BTOC - Feet Below Top of Casing na - Not Applicable SU - Standard Units

23 sampled @ 1230 on 7/16/25

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: 1215

Field Personnel: G. Assalley

WELL INFORMATION

Well ID: 27

Casing ID: Inches

EVENT TYPE

Well Development | Low-Flow / Low Stress Sampling Other | YSI SERIAL NO: [redacted] Heron

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	1220	—	4.75	—	—	—	—	—	—	—	—
Purge	5	1225	0.5>	4.78		13.8	7.60	959	0.94	29.06	-27.5	Clear
|	10	1230	0.5	4.75		[redacted] 13.4	7.44	958	0.52	29.24	-46.4	" "
|	15	1235	0.5	4.78		[redacted] 13.9	7.42	958	0.48	44.38	-52.1	" "
*******	20	1240	1	4.75		13.8	7.42	952	0.42	28.19	-56.5	" "
|	25	1245	1.5	4.72		13.9	7.42	954	0.34	27.14	-58.8	" "
↓	30	1250	2	4.78		13.9	7.42	953	0.35	29.06	-60.0	" "
Sampled	35	1255	2.5	4.78	—	—	—	—	—	—	—	—
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

27 Sampled @ 1255 on 7/15/2025

ABBREVIATIONS

Cond. - Actual Conductivity | ORP - Oxidation-Reduction Potential SEC - Specific
FT BTOC - 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: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/15/2025 Time:
Field Personnel: G. Assaly dbn 081425
Sampling Equipment Used (Circle One): Dedicated Bladder ~~Peristaltic Pump~~ Portable Bladder Bailer

WELL INFORMATION

Well ID: 32
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: 23333 Heron
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	1115	0	8.89								
Purge	5	1120	0.5	8.96		16.0	8.02	921	1.50	54.71	22.9	Clear
↓	10	1125	1	8.82		14.4	7.38	894	0.51	29.11	30.9	" "
	15	1130	2			13.8	7.35	883	0.92	26.37	33.9	" "
*******	20	1135	2			14.0	7.34	888	0.41	34.42	37.7	" "
	25	1140	2.5	8.92		14.0	7.33	887	0.42	36.70	40.0	" "
↓	30	1145	3	8.92		14.0	7.33	888	0.45	35.46	41.8	" "
Sample	35	1150										
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1150 on 7/15 / 2025
dbn 081425

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific
FT BTOC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units

BG2 Sample @ 1150 MS MSD

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/15/2025 Time: 1330
Field Personnel: G. Aasalung
Sampling Equipment Used (Circle One): Dedicated Bladder **Peristaltic Pump** Portable Bladder Bailer

WELL INFORMATION

Well ID: 34
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 23383 Heron 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	1340	—	9.71								
Purge	5	1345	0.5	9.78		13.0	7.18	1085	0.62	22.50	78.4	Clear
↑	10	1350	1	9.76		13.4	7.11	1090	0.54	22.57	56.1	" "
	15	1355	2	9.78		13.4	7.09	1090	0.46	29.28	-21.4	" "
*******	20	1400	2.5	9.78		13.3	7.06	1102	0.44	28.74	-73.3	" "
	25	1405	2.5	9.74		13.4	7.04	1184	0.32	27.99	-110.1	" "
	30	1410	3	9.76		13.5	7.03	1160	0.31	26.94	-114.7	" "
↓	35	1415	3.5	9.75		13.6	7.03	1164	0.34	26.42	-117.4	" "
Sample	40	1420	4	9.79								
	45											
	50											
	55											
	60											

NOTES (continued)

34 Sampled @1420 on 7/15/2025

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Conductance
FT BTOC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units

34 Sampled @ 1420 on 7/15

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/15/2025 Time: 1325
Field Personnel: G. Attaway
Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 35
Casing ID: Inches

EVENT TYPE

Well Development Low-Flow / Low Stress Sampling Other
Well Volume Approach Sampling (Specify): Low Flow
YSI SERIAL NO: 23335 Heron
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	1530	—	8.81	—							
Purge	5	1535	0.5	8.81		16.5	7.02	1538	0.56	27.45	39.7	clear
	10	1540	0.5	8.81		16.4	6.92	1491	0.40	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										
Sampl	30	[redacted]	—	8.81	—							
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

35 Sampled @ [redacted] on 7/15/2025
1555

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard Units
FT BTOC - Feet Below Top of Casing na - Not

35 Sampled @ 1555 on 7/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/15/2025 Time: 1455
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer
Field Personnel: Thomas Losey

WELL INFORMATION

Well ID: 405
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO 21805 Heron Serial NO: 25962

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	3.66	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	8.09	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)

Sampled @ 1525 on 7/15/2025

ABBREVIATIONS

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: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/15/2025 Time: 0950
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer
Field Personnel: C. Smalley

WELL INFORMATION

Well ID: [redacted] 455
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: 23323 Heron
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	1000	0.5	21.00		21.9	7.14	937	6.82	1.64	116.8	Clear
↓	10	1005	0.5	21.85		18.7	7.11	1007	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	" "
Sampl	25	1120										
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

[redacted] 455 Sampled @ 1120 on 7/15/2025

ABBREVIATIONS

Cond. - Actual Conductivity
ORP - Oxidation-Reduction Potential SEC - Specific Conductance
FT BTOC - Feet Below Top of Casing na - 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
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 1530
Field Personnel: Thomas Casey
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 46
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: 21854 Heron
Serial NO: 25962

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	0.768	0.76	1.15	91.6	clear
↓	25	1555	3/4	51.50	0	20.9	7.37	0.767	0.71	1.16	90.1	Clear
Sample	30	1600										
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @1600 on 7/16 / 2025

ABBREVIATIONS

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: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 1020
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer
Field Personnel: Thomas Casey

WELL INFORMATION

Well ID: 47
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: 21805 | Heron
Serial NO: 25962

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	1020	-	56.00								Clear
Purge	5	1025	1/4	56.00	0	19.8	7.23	0.807	3.44	1.43	114.0	Clear
|	10	1030	1/4	56.00	0	19.4	7.27	0.800	2.12	1.50	112.8	Clear
|	15	1035	1/2	56.00	0	19.4	7.26	0.798	1.90	1.52	109.8	Clear
********	20	1040	1/2	56.00	0	19.4	7.26	0.797	1.82	1.67	107.5	Clear
↓	25	1045	3/4	56.00	0	19.3	7.26	0.795	1.79	2.34	106.2	Clear
Sample	30	1050										
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1050 on 7/16/2025

Dup sample @ 1055

ABBREVIATIONS

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: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/17/2025 Time: 0810
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer
Field Personnel: Thomas Casey

WELL INFORMATION

Well ID: 4RR
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 21854 Heron
Serial NO: 25962

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	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 1/2	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)

Sampled @ 0840 on 7/17/2025

ABBREVIATIONS

Cond - Actual Conductivity
ORP - Oxidation-Reduction Potential
FT BTOC - Feet Below Top of Casing
na - Not
SEC - Specific Electrical Conductance
SU - Standard Units

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 1055
Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer
Field Personnel: G. Arnaldy

WELL INFORMATION

Well ID: 49
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 22J833 Heron 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	1105	—	22.15								
Purge	5	1110	0.5	22.19		15.3	7.36	980	1.56	8.06	-24.2	clear
↓	10	1115	0.5			15.1	7.12	977	0.42	9.72	9.3	clear
	15	1120	1	22.16		15.1	7.10	976	0.37	7.46	18.9	" "
********	20	1125	1			15.1	7.09	976	0.37	4.72	25.0	" "
↓	25	1130	1.5	22.19		15.1	7.09	978	0.35	6.52	22.0	" "
Sampl	30	1135	—	22.25								
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1135 on 7/16/2025

ABBREVIATIONS

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: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 0845
Field Personnel: G. Arsenault

Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 50
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow

YSI SERIAL NO: 223333 Heron
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	0850	—	18.81	—	—	—	—				
Purge	5	0855	0.5	18.82		17.2	7.63	763	3.55	4.78	90.9	Clear
	10	0900	0.5	18.83		16.3	7.42	843	1.02	2.92	96.4	" "
	15	0905	1	18.87		16.0	7.45	840	1.42	3.72	100.6	" "
*******	20	0910	1.5	18.90		16.0	7.44	843	0.62	2.74	94.3	" "
	25	0915	2	18.91		16.0	7.45	843	0.64	4.72	89.6	" "
↓	30	0920	2.5	18.94		16.0	7.46	843	0.58	3.45	85.8	" "
Sample	35	0925	—									
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 0925 on 7/16/2025

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Conductance
FT BTOC - Feet Below Top of Casing na - Not Applicable SU - Standard Units

Well 50 sampled @ 0925 on 7/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 1006
Field Personnel: G. Assmussen
Sampling Equipment Used (Circle One): ~~Dedicated Bladder~~ Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: S1
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: 23537 Heron 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	1010	—	19.48	—	—	—	—	—	—	—	—
Purge	5	1015	0.5	19.18	—	17.9	—	—	—	—	—	—
	10	1020	0.5	19.32		17.9	8.01	1057	5.82	4.45	37.2	Clear
	15	1025	1	19.36		13.8	7.36	974	0.47	5.82	-125.2	" "
********	20	1030	1.5	19.43		13.7	7.36	973	0.72	4.72	-130.7	" "
	25	1035	2	19.41		13.6	7.36	970	0.65	3.02	-132.1	" "
	30	1040	2	19.40		13.6	7.36	970	0.65	2.47	-136.6	" "
Sampled	35	1045	2.5	19.32	—	—	—	—	—	—	—	—
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @1045 on 7/16 / 2025

ABBREVIATIONS

Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - Specific Conductance
FT BTOC - Feet Below Top of Casing na - Not Electrical Conductance SU - Standard Units

S1 sampled @ 1045 on 7/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/17/2025 Time: 1005
Field Personnel: Thomas Casey
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 52
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: 21805 Heron
Serial NO: 25962

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	1005	—	54.0								clear
Purge	5	1010	1/4	54.0	0	20.5	7.15	0.834	1.23	4.98	100.8	clear
↓	10	1015	1/2	54.0	0	20.7	7.13	0.833	0.82	2.54	97.7	clear
	15	1020	1	54.0	0	20.7	7.12	0.834	0.74	1.72	94.8	clear
********	20	1025	1 1/2	54.0	0	20.7	7.12	0.835	0.71	1.16	91.6	clear
↓	25	1030	2	54.0	0	20.7	7.12	0.835	0.70	1.34	90.2	clear
Sample	30	1035										
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1035 on 7 / 17 / 2025

Dup @ 1040

ABBREVIATIONS

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: Hennepin Client: Vistra
Project Number: 2024.1111 Task #: Start Date: 7/16/2025 Time: 1135
Field Personnel: Thomas Casey
Sampling Equipment Used (Circle One): (Dedicated Bladder) Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 54
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: 21805A Heron
Serial NO: 25962

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	1135	—	53.45	—	—	—	—	—	—	—	clear
Purge	5	1140	1/4	53.45	0	19.1	7.41	0.791	3.20	1.08	103.1	clear
|	10	1145	1/2	53.45	0	18.9	7.41	0.788	2.73	1.34	103.4	clear
|	15	1150	3/4	53.45	0	18.9	7.40	0.787	2.52	1.31	103.3	clear
|	20	1155	1	53.45	0	18.8	7.41	0.786	2.34	1.48	102.7	clear
|	25	1200	1 1/2	53.45	0	18.8	7.40	0.785	2.26	1.05	102.1	clear
↓	30	1205	2	53.45	0	18.8	7.40	0.785	2.28	1.17	101.7	clear
Sample	35	1210										
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1210 on 7/16/2025

ABBREVIATIONS

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: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 02

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				
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?				

Flushmount Monitoring Wells	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?			

All Monitoring Wells	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?			

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 03R

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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				

	Yes	No	NA
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?			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?			

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 4R

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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				

	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?			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?	X		
14. No plant roots or vegetation in well?			

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 5R

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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	↓			
	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?	N			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

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

Comments:

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 5DR

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
1. Outer protective Casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing				
Not corroded	✓			
Not dented	↓			
Not cracked	↓			
Not loose	↓			

	Yes	No	NA
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?	↓		

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?	↓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 06

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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				

	Yes	No	NA
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?			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

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

	Yes	No	NA
16. Concrete pad installed?	X		
17 . Concrete pad	X		
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7 NH / 2.5
Well Number: 7

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				
2. Inner casing				
Not corroded				
Not dented				
Not cracked				
Not loose				
	Yes	No	NA	
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?				

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?			
13. No obstructions in well?	X		
14. No plant roots or vegetation in well?			

	Yes	No	NA
General Condition			
16. Concrete pad installed?			
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 08

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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	↓			
	Yes	No	NA	
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?				

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?	↓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?		X	
17 . Concrete pad		↓	
Slope away form 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 (Circle) N

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

Monitoring Well Evaluation Checklist

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 08D

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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	↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells

	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?	↓		

All Monitoring Wells

	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?	↓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 10

Major wells repairs* required to maintain well integrity?	Yes	No	NA
		✓	

	Yes	No	NA	Comments
Stick-up Monitoring Wells				
1. Outer protective Casing	✓			
Not corroded				
Not dented				
Not cracked				
Not loose				
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?				
Flushmount Monitoring Wells	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?				
All Monitoring Wells	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 form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 11

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
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				
	Yes	No	NA	
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?				

Flushmount Monitoring Wells	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?			

All Monitoring Wells	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?			

General Condition	Yes	No	NA
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 12

Major wells repairs* required to maintain well integrity?

Yes	No	NA

Stick-up Monitoring Wells

	Yes	No	NA	Comments
1. Outer protective Casing				
Not corroded	✓			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
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?	↓		

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?			

	Yes	No	NA
General Condition			
16. Concrete pad installed?			
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 13

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

	Yes	No	NA	Comments
Stick-up Monitoring Wells				
1. Outer protective Casing	X			
Not corroded				
Not dented				
Not cracked				
Not loose				
2. Inner casing	X			
Not corroded				
Not dented				
Not cracked				
Not loose				
	Yes	No	NA	
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?				
Flushmount Monitoring Wells	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?				
All Monitoring Wells	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?				
General Condition	Yes	No	NA	
16. Concrete pad installed?	X			
17 . Concrete pad				
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 15

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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	↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?	↓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 16

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
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	↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells	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?		↓	

All Monitoring Wells	Yes	No	NA
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	Yes	No	NA
16. Concrete pad installed?	X		
17 . Concrete pad	↓		
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 15

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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				

	Yes	No	NA
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?			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

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

	Yes	No	NA
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/ 10/25
Well Number: 185

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
1. Outer protective Casing Not corroded Not dented Not cracked Not loose	X ↓ ↓ ↓			
2. Inner casing Not corroded Not dented Not cracked 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?	X ↓ ↓ ↓ ↓			

Flushmount Monitoring Wells

	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?		C	

All Monitoring Wells

	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?	 X ↓ ↓		

	Yes	No	NA
General Condition 16. Concrete pad installed? 17 . Concrete pad Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/18/25
Well Number: 180

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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	↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?	↓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad	↓		
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 19D

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

	Yes	No	NA	Comments
Stick-up Monitoring Wells				
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				
2. Inner casing				
Not corroded				
Not dented				
Not cracked				
Not loose				
	Yes	No	NA	
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?				
Flushmount Monitoring Wells	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?				
All Monitoring Wells	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?				
General Condition	Yes	No	NA	
16. Concrete pad installed?	X			
17 . Concrete pad				
Slope away form casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
18. No surface seal settling?				
19. Well clearly visible and labeled?				

Comments:

Dedicated Tubing: Y (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 19SR

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

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

Flushmount Monitoring Wells

	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?	✓		

All Monitoring Wells

	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?	✓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	✓		
17 . Concrete pad	↓		
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/24/25
Well Number: 25R

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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				

	Yes	No	NA
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?			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	Yes	No	NA
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		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad	X		
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 9/14/25
Well Number: 22

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
1. Outer protective Casing Not corroded Not dented Not cracked Not loose	Y ↓ ↓ ↓			
2. Inner casing Not corroded Not dented Not cracked Not loose	X ↓ ↓ ↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?	↓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 3-20

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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?				

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

Downhole Condition

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

General Condition

	Yes	No	NA
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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) N

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

Monitoring Well Evaluation Checklist

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 23

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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?				

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?			

	Yes	No	NA
General Condition			
16. Concrete pad installed?		X	
17 . Concrete pad			
Slope away form casing?			
Not deteriorated?			
Not heaved or below surrounding grade?			
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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 25

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				
2. Inner casing				
Not corroded				
Not dented				
Not cracked				
Not loose				
	Yes	No	NA	
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?		X		No lock
7. Bumper posts in good condition?				

Flushmount Monitoring Wells	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?			

All Monitoring Wells	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?			

General Condition	Yes	No	NA
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 26

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
1. Outer protective Casing	X			
Not corroded				
Not dented				
Not cracked				
Not loose				
2. Inner casing	X			
Not corroded				
Not dented				
Not cracked				
Not loose				
	Yes	No	NA	
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?		X		No lock
7. Bumper posts in good condition?				

Flushmount Monitoring Wells	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?			

All Monitoring Wells	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?			

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

Comments:

Dedicated Tubing: Y (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Hennepin 2025 Q3
Inspection Date: 9/19/25
Well Number: 27

Major wells repairs* required to maintain well integrity?	Yes	No	NA
		X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
1. Outer protective Casing	X	X		
Not corroded				
Not dented				
Not cracked				
Not loose				
2. Inner casing	Yes	No	NA	
Not corroded	X	X		
Not dented				
Not cracked				
Not loose				
	Yes	No	NA	
3. Are there weep holes in outer casing?	X	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?				

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?			

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X	X	
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 30

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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	↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells

	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?			↓

All Monitoring Wells

	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?	↓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?		X	
17 . Concrete pad		↓	
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 9/14/25
Well Number: 31

Major wells repairs* required to maintain well integrity?	Yes	No	NA
		X	

	Yes	No	NA	Comments
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	↓			
	Yes	No	NA	
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?	↓			
Flushmount Monitoring Wells	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?				
All Monitoring Wells	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?	↓			
General Condition	Yes	No	NA	
16. Concrete pad installed?		X		
17 . Concrete pad		↓		
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 32

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
1. Outer protective Casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				
2. Inner casing				
Not corroded				
Not dented				
Not cracked				
Not loose				

	Yes	No	NA
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?			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?			

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 33

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
1. Outer protective Casing	X			
Not corroded	↓			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing	X			
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?	↓			

Flushmount Monitoring Wells	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?	↓			Combination
12. Is there a lock present?		X		No lock

All Monitoring Wells	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?		X	
17 . Concrete pad		↓	
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 34

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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	↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	Yes	No	NA
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		

	Yes	No	NA
General Condition			
16. Concrete pad installed?		X	
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 35

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
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				
	Yes	No	NA	
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?				

Flushmount Monitoring Wells	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?			

All Monitoring Wells	Yes	No	NA
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	Yes	No	NA
16. Concrete pad installed?			
17 . Concrete pad	X		
Slope away form 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

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	Comments
Stick-up Monitoring Wells				
1. Outer protective Casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing				
Not corroded	↓			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
	Yes	No	NA	
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?	↓			
Flushmount Monitoring Wells	Yes	No	NA	
8. Can the lid be secured tightly?		N/A		
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	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?	↓			
General Condition	Yes	No	NA	
16. Concrete pad installed?	X	X		
17 . Concrete pad	↓		N/A	
Slope away form casing?	↓		↓	
Not deteriorated?	↓		↓	
Not heaved or below surrounding grade?	↓		↓	
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

Site: Hennepin 2025 Q3
Inspection Date: 7/21/25
Well Number: 405

Major wells repairs* required to maintain well integrity?	Yes	No	NA
		X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
1. Outer protective Casing				
Not corroded	X			
Not dented	↓			
Not cracked				
Not loose	↓			
2. Inner casing				
Not corroded	↓			
Not dented				
Not cracked				
Not loose	↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells	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?			

All Monitoring Wells	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?	↓		

General Condition	Yes	No	NA
16. Concrete pad installed?	X		
17 . Concrete pad	↓		
Slope away form 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) N

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

Monitoring Well Evaluation Checklist

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 455

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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?	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?	↓			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	Yes	No	NA
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 form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 916

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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	↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells

	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?		↓	

All Monitoring Wells

	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?	↓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad	↓		
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7 / 14 / 25
Well Number: 47

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
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				
	Yes	No	NA	
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?				

Flushmount Monitoring Wells	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?			

All Monitoring Wells	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?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 48R

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	✓	

Stick-up Monitoring Wells	Yes	No	NA	Comments
1. Outer protective Casing				
Not corroded	✓			
Not dented	✓			
Not cracked	✓			
Not loose	✓			
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?				

Flushmount Monitoring Wells	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?			

All Monitoring Wells	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 form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: MW9

Major wells repairs* required to maintain well integrity?	Yes	No	NA
		X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
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				
	Yes	No	NA	
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?				

Flushmount Monitoring Wells	Yes	No	NA	Comments
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	Yes	No	NA	Comments
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	Yes	No	NA	Comments
16. Concrete pad installed?	X			
17 . Concrete pad				
Slope away form 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

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	Comments
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				
	Yes	No	NA	
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?				
Flushmount Monitoring Wells	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?				
All Monitoring Wells	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?				
General Condition	Yes	No	NA	
16. Concrete pad installed?	X			
17 . Concrete pad	↓			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 51

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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	↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?	↓		
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad	↓		
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 52

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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				

	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?			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	Yes	No	NA
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		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 9/14/25
Well Number: 58

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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	↓			

	Yes	No	NA
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?	↓		

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?	↓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad	↓		
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 54

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
1. Outer protective Casing				
Not corroded	X			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
2. Inner casing				
Not corroded	↓			
Not dented	↓			
Not cracked	↓			
Not loose	↓			
	Yes	No	NA	
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?	↓			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?	↓		

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad	↓		
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: 59

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells

	Yes	No	NA	Comments
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				

	Yes	No	NA
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?			

Flushmount Monitoring Wells

	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?			

All Monitoring Wells

	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?			

	Yes	No	NA
General Condition			
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: XPW01

Major wells repairs* required to maintain well integrity?	Yes	No	NA
		X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
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				
	Yes	No	NA	
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?				

Flushmount Monitoring Wells	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?			

All Monitoring Wells	Yes	No	NA
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	Yes	No	NA
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: MW302

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
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				
	Yes	No	NA	
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?				

Flushmount Monitoring Wells	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?			

All Monitoring Wells	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?			

General Condition	Yes	No	NA
16. Concrete pad installed?	X		
17 . Concrete pad			
Slope away form 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

Site: Hennepin 2025 Q3
Inspection Date: 7/14/25
Well Number: XPW03

Major wells repairs* required to maintain well integrity?

Yes	No	NA
	X	

Stick-up Monitoring Wells	Yes	No	NA	Comments
1. Outer protective Casing				
Not corroded	✓		✓	
Not dented	✓		✓	
Not cracked	✓			
Not loose	✓			
2. Inner casing				
Not corroded	X			
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?	✓			

Flushmount Monitoring Wells	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?			

All Monitoring Wells	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?	✓		

General Condition	Yes	No	NA
16. Concrete pad installed?	X		
17 . Concrete pad	✓		
Slope away form 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

LOGO

PROJECT INFORMATION

Site: Hennepin		Client:		Date:	7/15/25
Project Number 2024.1111		Task #:			
Calibrated By ( )	Thomas Casey				

METER SUMMARY

Meter	Make/Model	Serial #
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)	YSI	21B054
Turbidity Meter		
Other:		

SPECIFIC CONDUCTANCE[1]

Time HH:MM	Calibration Standard Temp deg C	Specific Conductance (Before Adj.) µS/cm	Specific Conductance (After Adj.) µS/cm		Standard Lot No.	56D00439
0709	22.4	1.388	1.339	Bump	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.*

pH[2]

Time HH:MM	pH Buffer	Calibration Standard Temp deg C	pH (Before Adj.)	pH (After Adj.)	Slope	MV
7:15		22.4	7.02	NA		
7:17		22.4	4.00	NA		
12:00		35.5	10.37	10.02		
1205		35	7.40	7.04		
1645		30.7	7.06	NA		
1646		31.0	10.02	NA		
1203		35.5	4.27	4.04		

Buffer Lot #'s	
pH 7	56C0468
pH 4	56C0721
pH 10	AG50203
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.) µS/cm	ORP (After Adj.) µS/cm	Standard Lot No.	Standard Exp. Date
0725	240.0	22.3	240.7		5600098	1/26

DISSOLVED OXYGEN

% 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	9.06	0	9.0	8.99

TURBIDITY

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:	25B240149142
				Standard Exp. Date	2/26

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

LOGO

PROJECT INFORMATION

Site: Hennepin		Client:		Date: 7/15/25
Project Number 2024.1111		Task #:		
Calibrated By (G. Ashley)				

METER SUMMARY

Meter	Make/Model	Serial #
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)		22J333
Turbidity Meter		
Other:		

SPECIFIC CONDUCTANCE [1]

Time HH:MM	Calibration Standard Temp deg C	Specific Conductance (Before Adj.) µS/cm	Specific Conductance (After Adj.) µS/cm	Buffer / Bump	Standard Lot No.	Calibration Standard Value	Standard Exp. Date
0711	22.4	1331	1339	Bump	5GD0409	1.413 mS/cm	04/26

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	
0714	7	22.5	6.92	NA			pH 7	5GC0771
0714	4	22.5	3.99	NA			pH 4	5GC0478
1320	7	30.9	7.04	NA			pH ___	AGJ0207
1329	10	30.9	10.07	NA			**Buffer Exp. Dates**	
1622	7	25.2	6.99	NA			pH 7	03/27
1022	4.0	25.0	4.0	NA			pH 4	03/27
							pH ___	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 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~~ Buffer	Standard Lot No.	Standard Exp. Date
0722	240	22.4	242.1 mV	240 mV	5GD0498	01/26

DISSOLVED OXYGEN

% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L
100%						
0 %	0726	768.0	9.00	0%	9.00	9.00

TURBIDITY

0 NTU			124 NTU		
Time HH:MM	Initial Reading NTU	Calibrated To NTU	Time HH:MM	Initial Reading NTU	Calibrated To NTU
0728	-0.27	NA	0728	115	
				Standard Lot No:	2126
				Standard Exp. Date	25B2401901Z

Notes:

Daily Calibration Requirements:
3 pH bumps daily
1 Bump turbidity daily
1 Bump orp daily
1 Bump Spec. Conductivity daily
1 Daily Dissolved Oxygen Calibration

3.07 2.6 2.6 4. .6 2

LOGO

PROJECT INFORMATION

Site: Hennepin		Client:		Date:	7/16
Project Number 2024.1111		Task #:			
Calibrated By ( )	Thomas Casey				

METER SUMMARY

Meter	Make/Model	Serial #
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)	YSI	21805H
Turbidity Meter		
Other:		

SPECIFIC CONDUCTANCE[1]

Time HH:MM	Calibration Standard Temp deg C	Specific Conductance (Before Adj.) µS/cm	Specific Conductance (After Adj.) µS/cm		Standard Lot No.	5600439
0714	23.2	1.406	1.356	Bump	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.*

pH[2]

Time HH:MM	pH Buffer	Calibration Standard Temp deg C	pH (Before Adj.)	pH (After Adj.)	Slope	MV		Buffer Lot #'s	
0720	7	22.8	7.28	7.00				pH 7	5600468
0727	4	22.6	4.07	4.00				pH 4	5600721
0724	10	22.7	10.36	10.03				pH 10	A6J0207
1230	4	38.4	4.04	NA Bump				Buffer Exp. Dates	
1232	7	24	7.00	NA Bump				pH 7	3/27
1720	10	25.1	10.02	NA Bump				pH 4	3/27
1721	7	25.2	7.00	NA Bump				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.) µS/cm	ORP (After Adj.) µS/cm		Standard Lot No.	Standard Exp. Date
0735	240.0	22.5	~~24~~ ~~20~~ 250.3	240.1		56D0098	1/26

DISSOLVED OXYGEN

% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L
~~100%~~						
0 %	0741	764.7	~~08~~ 8.37	0	9.00	8.99

TURBIDITY

0 NTU			124 NTU		
Time HH:MM	Initial Reading NTU	Calibrated To NTU	Time HH:MM	Initial Reading NTU	Calibrated To NTU
0746	-0.20	NA	0748	118.76	NA

Standard Lot No:	25324019192
Standard Exp. Date	2/26

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

LOGO

PROJECT INFORMATION

Site: Hennepin		Client:	
Project Number 2024.1111		Task #:	
Calibrated By (G. Gassaway)			Date: 7/14/25

METER SUMMARY

Meter	Make/Model	Serial #
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)	YSI	22J373
Turbidity Meter		
Other:		

SPECIFIC CONDUCTANCE[1]

Time HH:MM	Calibration Standard Temp deg C	Specific Conductance (Before Adj.) µS/cm	Specific Conductance (After Adj.) µS/cm Buffer
0717	23	1330	1356

Standard Lot No.	5GD0457
Calibration Standard Value	1.413 MS/cm
Standard Exp. Date	04/26

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
0721	7	22.9	7.N	7.01		
0721	4	22.9	4.04	4.00		
0721	10	22.9	10.06	10.07		
1411	7	24.2	7.08	NA Bump		
1436	10	23.5	10.02	NA Bump		
1650	4	24.1	4.12	NA Bump		
1651	7	24.1	7.02	NA Bump		

Buffer Lot #'s	
pH 7	5GC0771
pH 4	5GC04168
pH 10	AGT0207
Buffer Exp. Dates	
pH 7	07/27
pH 4	07/27
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 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	22.8	239.9	NA, Bump	5GD0098	01/26

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	8.9

TURBIDITY

0 NTU		
Time HH:MM	Initial Reading NTU	Calibrated To NTU
0735	2.92	0

124.1 NTU		
Time HH:MM	Initial Reading NTU	Calibrated To NTU
0735	117.70	124.6
Standard Lot No:		25B2410191192
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%

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
HENNEPIN POWER PLANT, EAST ASH POND
HEN-845-803

LOGO

PROJECT INFORMATION

Site: Hennepin		Client:		Date: 10/25
Project Number 2024.1111		Task #:		
Calibrated By ( )	Thomas Casey			

METER SUMMARY

Meter	Make/Model	Serial #
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)	YSI	21B054
Turbidity Meter		
Other:		

SPECIFIC CONDUCTANCE [1]

Time HH:MM	Calibration Standard Temp deg C	Specific Conductance (Before Adj.) µS/cm	Specific Conductance (After Adj.) µS/cm	Bump	Standard Lot No.	5GD0439
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.*

pH [2]

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	NA Bump			pH 7	5GC0468
11:30	10	32.2	10.12	NA Bump			pH 4	5GC0771
							pH 10	AGI0207
							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.) µS/cm	ORP (After Adj.) µS/cm	Standard Lot No.	Standard Exp. Date
707	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			124 NTU		
Time HH:MM	Initial Reading NTU	Calibrated To NTU	Time HH:MM	Initial Reading NTU	Calibrated To NTU
718	5.47	NA Bump	7:22	119.14	NA 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 Oxygen Calibration

30

PROJECT INFORMATION

Site: Hennepin		Client:		Date:	7/17
Project Number 2024.1111		Task #:			
Calibrated By ( )	George Assalley				

METER SUMMARY

Meter	Make/Model	Serial #
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)	YSI	223333
Turbidity Meter		
Other:		

SPECIFIC CONDUCTANCE[1]

Time HH:MM	Calibration Standard Temp deg C	Specific Conductance (Before Adj.) µS/cm	Specific Conductance (After Adj.) µS/cm	
0718	22.7	1316		Bump

Standard Lot No.	~~SDG~~ 5GD04J9
Calibration Standard Value	1.413
Standard Exp. Date	04/26

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
0722	7	22.4	7.00	NA Bump		
0723	10	22.4	10.02	NA Bump		

Buffer Lot #'s	
pH 7	5GG0771
pH 4	5GC0468
pH 10	AGJ0207
Buffer Exp. Dates	
pH 7	03/27
pH 4	03/27
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 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
0724	240	22.3	239.0	NA Bump

Standard Lot No.	Standard Exp. Date

DISSOLVED OXYGEN

% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L
100%						
0 %	7:26	706.8	8.6	0	8.6	8.6

TURBIDITY

0 NTU

Time HH:MM	Initial Reading NTU	Calibrated To NTU
729	9.77	0

124 NTU

Time HH:MM	Initial Reading NTU	Calibrated To NTU
0729	108.84	124.0
Standard Lot No:		
Standard Exp. Date		

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 Oxygen Calibration

INSTRUMENT QC/ PACKING LIST

Description	YSI ProDSS sonde and display
Sonde ID#	218078
Display ID#	218054
Date Calibrated	7-3-25

PINE
www.pine-environmental.com

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 Illinios
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
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

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
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)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Timothy Waychunas

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Please call 800-301-9663 for Technical Assistance

INSTRUMENT QC/ PACKING LIST

Description	YSI ProDSS sonde and display
Sonde ID#	223356
Display ID#	227337
Date Calibrated	

PINE
www.pine-environmental.com

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: T

QC checked by: K

Date: 7-7-25

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 223358
Description YSI Pro DSS Sonde - 4meter cable
Calibrated 7/3/2025 1:43:38PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 24B105095
Location Illinios
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
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

Test Instruments Used During the Calibration

Test Standard iD	Description	Manufacturer	Model Number	Serial Number / Lot Number	(As Of Cal Entry Date) Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
IL CON.. 1.413	1413 Conductivity Standard 10/25	AquaPhoenix Scientific	code: 31986	5gd0439	6/3/2025	6/3/2026
IL NTU 0	IL NTU 0 AUTO CAL	GFS	8483	24018311	4/29/2025	4/29/2026
AUTO CAL, 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 223333
Description YSI Pro DSS Display
Calibrated 7/3/2025 1:44:21PM

Manufacturer YSI
Model Number YSI Pro DSS
Serial Number/ Lot Number 24C101121
Location Illinios
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

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

ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 3, 2025

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
12	UA	E010	Antimony, total	mg/L	12/09/15 - 07/16/25	25	100	All ND - Last	0.003	0.001
12	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/16/25	30	100	All ND - Last	0.001	0.001
12	UA	E010	Barium, total	mg/L	12/09/15 - 07/16/25	32	0	CI around mean	0.0535	0.212
12	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.001	0.001
12	UA	E010	Boron, total	mg/L	12/09/15 - 07/16/25	33	0	CB around T-S line	0.0218	0.163
12	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/16/25	34	100	All ND - Last	0.0005	0.00230
12	UA	E010	Chloride, total	mg/L	12/09/15 - 07/16/25	33	0	CI around mean	71.1	435
12	UA	E010	Chromium, total	mg/L	12/09/15 - 07/16/25	30	97	CB around T-S line	0.0018	0.00100
12	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/16/25	28	100	All ND - Last	0.001	0.0380
12	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/16/25	33	3	CI around median	0.22	0.120
12	UA	E010	Lead, total	mg/L	12/09/15 - 07/16/25	30	100	All ND - Last	0.0005	0.00150
12	UA	E010	Lithium, total	mg/L	12/09/15 - 07/16/25	29	3	CB around linear reg	0.00596	0.0190
12	UA	E010	Mercury, total	mg/L	12/09/15 - 07/16/25	27	100	All ND - Last	0.0002	0.0002
12	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/16/25	32	0	CB around linear reg	0.00776	0.00170
12	UA	E010	pH (field)	SU	12/09/15 - 07/16/25	40	0	CI around mean	7.3/7.4	6.6/7.5
12	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/16/25	28	0	CI around geomean	0.351	2.00
12	UA	E010	Selenium, total	mg/L	12/09/15 - 07/16/25	32	53	CI around median	0.0011	0.00140
12	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/16/25	33	0	CI around median	62	215
12	UA	E010	Thallium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.002	0.001
12	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/16/25	29	0	CI around mean	470	1,620
13	UA	E010	Antimony, total	mg/L	12/09/15 - 07/16/25	26	96	CB around T-S line	0.001	0.001
13	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/16/25	31	97	CI around median	0.001	0.001
13	UA	E010	Barium, total	mg/L	12/09/15 - 07/16/25	33	0	CI around mean	0.0436	0.212
13	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/16/25	25	100	All ND - Last	0.001	0.001
13	UA	E010	Boron, total	mg/L	12/09/15 - 07/16/25	34	0	CB around linear reg	-0.0178	0.163
13	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/16/25	35	100	All ND - Last	0.0005	0.00230
13	UA	E010	Chloride, total	mg/L	12/09/15 - 07/16/25	34	0	CI around mean	73.4	435

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
13	UA	E010	Chromium, total	mg/L	12/09/15 - 07/16/25	31	87	CB around T-S line	0.00185	0.00100
13	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/16/25	29	100	All ND - Last	0.001	0.0380
13	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/16/25	34	3	CI around median	0.2	0.120
13	UA	E010	Lead, total	mg/L	12/09/15 - 07/16/25	31	100	All ND - Last	0.0005	0.00150
13	UA	E010	Lithium, total	mg/L	12/09/15 - 07/16/25	30	0	CB around linear reg	0.00902	0.0190
13	UA	E010	Mercury, total	mg/L	12/09/15 - 07/16/25	28	100	All ND - Last	0.0002	0.0002
13	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/16/25	33	0	CB around linear reg	0.00867	0.00170
13	UA	E010	pH (field)	SU	12/09/15 - 07/16/25	41	0	CI around mean	7.4/7.5	6.6/7.5
13	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/16/25	29	0	CI around mean	0.449	2.00
13	UA	E010	Selenium, total	mg/L	12/09/15 - 07/16/25	33	39	CI around mean	0.00134	0.00140
13	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/16/25	34	0	CI around mean	75.3	215
13	UA	E010	Thallium, total	mg/L	12/09/15 - 07/16/25	25	100	All ND - Last	0.002	0.001
13	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/16/25	33	0	CI around mean	486	1,620
46	UA	E010	Antimony, total	mg/L	12/09/15 - 07/16/25	25	100	All ND - Last	0.003	0.001
46	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/16/25	27	100	All ND - Last	0.001	0.001
46	UA	E010	Barium, total	mg/L	12/09/15 - 07/16/25	29	0	CB around linear reg	0.0663	0.212
46	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.001	0.001
46	UA	E010	Boron, total	mg/L	12/09/15 - 07/16/25	30	0	CI around mean	0.192	0.163
46	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/16/25	28	100	All ND - Last	0.0005	0.00230
46	UA	E010	Chloride, total	mg/L	12/09/15 - 07/16/25	30	0	CI around mean	71.6	435
46	UA	E010	Chromium, total	mg/L	12/09/15 - 07/16/25	27	93	CB around T-S line	0.00185	0.00100
46	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/16/25	28	100	All ND - Last	0.001	0.0380
46	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/16/25	30	3	CI around median	0.24	0.120
46	UA	E010	Lead, total	mg/L	12/09/15 - 07/16/25	27	100	All ND - Last	0.0005	0.00150
46	UA	E010	Lithium, total	mg/L	12/09/15 - 07/16/25	29	3	CI around mean	0.00861	0.0190
46	UA	E010	Mercury, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.0002	0.0002
46	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/16/25	29	0	CB around T-S line	0.00855	0.00170

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
46	UA	E010	pH (field)	SU	12/09/15 - 07/16/25	30	0	CB around linear reg	7.1/7.3	6.6/7.5
46	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/16/25	29	0	CI around geomean	0.309	2.00
46	UA	E010	Selenium, total	mg/L	12/09/15 - 07/16/25	29	69	CB around T-S line	0.001	0.00140
46	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/16/25	30	0	CI around geomean	63.1	215
46	UA	E010	Thallium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.002	0.001
46	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/16/25	30	0	CB around linear reg	453	1,620
47	UA	E010	Antimony, total	mg/L	12/09/15 - 07/16/25	25	100	All ND - Last	0.003	0.001
47	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/16/25	27	96	CI around median	0.001	0.001
47	UA	E010	Barium, total	mg/L	12/09/15 - 07/16/25	29	0	CI around mean	0.0778	0.212
47	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.001	0.001
47	UA	E010	Boron, total	mg/L	12/09/15 - 07/16/25	30	0	CI around geomean	0.217	0.163
47	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/16/25	28	100	All ND - Last	0.0005	0.00230
47	UA	E010	Chloride, total	mg/L	12/09/15 - 07/16/25	30	0	CI around mean	73.8	435
47	UA	E010	Chromium, total	mg/L	12/09/15 - 07/16/25	27	96	CB around T-S line	0.00192	0.00100
47	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/16/25	28	86	CI around median	0.001	0.0380
47	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/16/25	30	3	CB around T-S line	0.213	0.120
47	UA	E010	Lead, total	mg/L	12/09/15 - 07/16/25	27	100	All ND - Last	0.0005	0.00150
47	UA	E010	Lithium, total	mg/L	12/09/15 - 07/16/25	29	0	CI around mean	0.0087	0.0190
47	UA	E010	Mercury, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.0002	0.0002
47	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/16/25	29	0	CB around linear reg	0.0136	0.00170
47	UA	E010	pH (field)	SU	12/09/15 - 07/16/25	30	0	CI around mean	7.0/7.1	6.6/7.5
47	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/16/25	29	0	CI around geomean	0.317	2.00
47	UA	E010	Selenium, total	mg/L	12/09/15 - 07/16/25	28	89	CB around T-S line	0.001	0.00140
47	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/16/25	30	0	CI around mean	65.3	215
47	UA	E010	Thallium, total	mg/L	12/09/15 - 07/16/25	24	100	All ND - Last	0.002	0.001
47	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/16/25	30	0	CI around mean	482	1,620
52	UA	E010	Antimony, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.003	0.001

ATTACHMENT C.
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HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
52	UA	E010	Arsenic, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.001	0.001
52	UA	E010	Barium, total	mg/L	02/24/21 - 07/17/25	19	0	CI around mean	0.0764	0.212
52	UA	E010	Beryllium, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.001	0.001
52	UA	E010	Boron, total	mg/L	02/24/21 - 07/17/25	19	0	CB around linear reg	0.253	0.163
52	UA	E010	Cadmium, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.0005	0.00230
52	UA	E010	Chloride, total	mg/L	02/24/21 - 07/17/25	19	0	CI around mean	74	435
52	UA	E010	Chromium, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.005	0.00100
52	UA	E010	Cobalt, total	mg/L	02/24/21 - 07/17/25	19	95	Most recent sample	0.001	0.0380
52	UA	E010	Fluoride, total	mg/L	02/24/21 - 07/17/25	19	5	CI around geomean	0.27	0.120
52	UA	E010	Lead, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.0005	0.00150
52	UA	E010	Lithium, total	mg/L	02/24/21 - 07/17/25	19	10	CI around mean	0.00616	0.0190
52	UA	E010	Mercury, total	mg/L	02/24/21 - 07/17/25	19	100	All ND - Last	0.0002	0.0002
52	UA	E010	Molybdenum, total	mg/L	02/24/21 - 07/17/25	19	0	CI around mean	0.0113	0.00170
52	UA	E010	pH (field)	SU	02/24/21 - 07/17/25	19	0	CI around mean	7.0/7.3	6.6/7.5
52	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 07/17/25	19	0	CI around mean	0.424	2.00
52	UA	E010	Selenium, total	mg/L	02/24/21 - 07/17/25	19	95	CB around T-S line	0.001	0.00140
52	UA	E010	Sulfate, total	mg/L	02/24/21 - 07/17/25	19	0	CI around mean	62.5	215
52	UA	E010	Thallium, total	mg/L	02/24/21 - 07/17/25	19	95	CI around median	0.002	0.001
52	UA	E010	Total Dissolved Solids	mg/L	02/24/21 - 07/17/25	18	0	CI around mean	461	1,620
54	UA	E010	Antimony, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.003	0.001
54	UA	E010	Arsenic, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.001	0.001
54	UA	E010	Barium, total	mg/L	02/24/21 - 07/16/25	19	0	CB around linear reg	0.0384	0.212
54	UA	E010	Beryllium, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.001	0.001
54	UA	E010	Boron, total	mg/L	02/24/21 - 07/16/25	19	0	CB around linear reg	0.0571	0.163
54	UA	E010	Cadmium, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.0005	0.00230
54	UA	E010	Chloride, total	mg/L	02/24/21 - 07/16/25	19	0	CI around mean	76.1	435
54	UA	E010	Chromium, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.005	0.00100

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HENNEPIN POWER PLANT
EAST ASH POND
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
54	UA	E010	Cobalt, total	mg/L	02/24/21 - 07/16/25	19	90	CI around median	0.001	0.0380
54	UA	E010	Fluoride, total	mg/L	02/24/21 - 07/16/25	19	5	CB around T-S line	0.131	0.120
54	UA	E010	Lead, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.0005	0.00150
54	UA	E010	Lithium, total	mg/L	02/24/21 - 07/16/25	19	0	CB around T-S line	0.00547	0.0190
54	UA	E010	Mercury, total	mg/L	02/24/21 - 07/16/25	19	95	CI around median	0.0002	0.0002
54	UA	E010	Molybdenum, total	mg/L	02/24/21 - 07/16/25	19	0	CI around mean	0.0232	0.00170
54	UA	E010	pH (field)	SU	02/24/21 - 07/16/25	19	0	CI around mean	7.1/7.4	6.6/7.5
54	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 07/16/25	19	0	CI around median	0.173	2.00
54	UA	E010	Selenium, total	mg/L	02/24/21 - 07/16/25	19	63	CB around T-S line	0.00211	0.00140
54	UA	E010	Sulfate, total	mg/L	02/24/21 - 07/16/25	19	0	CI around mean	73.9	215
54	UA	E010	Thallium, total	mg/L	02/24/21 - 07/16/25	19	100	All ND - Last	0.002	0.001
54	UA	E010	Total Dissolved Solids	mg/L	02/24/21 - 07/16/25	17	0	CI around mean	485	1,620

ATTACHMENT C.
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EAST ASH POND
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Notes:

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

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

Events:

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

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

NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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