

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

July 21, 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: Vermilion Power Plant North Ash Pond and Old East Ash Pond; IEPA ID # W1838000002-01 and W1838000002-03

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Dynegy Midwest Generation, LLC (DMG) is submitting groundwater monitoring data for the Quarter 2, 2025 sampling event at the Vermilion Power Plant North Ash Pond and Old East Ash Pond (NAP-OEAP), identified by Illinois Environmental Protection Agency (IEPA) ID Nos. W1838000002-01 and W1838000002-03. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ of the GWPS.

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

A Corrective Measures Assessment (CMA) for the NAP-OEAP was submitted to IEPA on January 28, 2022 in accordance with 35 I.A.C. § 845.660. A closure and groundwater corrective action construction permit application for the NAP-OEAP was also submitted by DMG to the IEPA on January 28, 2022 in accordance with the requirements specified in 35 I.A.C. § 845.220(a) and (d) and is pending approval from IEPA². The selected remedy met the performance standards of 35 I.A.C. § 845.670(d). Once implemented and completed, the selected remedy will attain the GWPSs.

Sincerely,



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

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 2, 2025, North Ash Pond and Old East Ash Pond, Vermilion Power Plant, Oakwood, 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 DMG's operating permit application for Vermilion Power Plant NAP-OEAP. 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.

² Prior quarterly reports may have incorrectly stated that a permit application would be submitted no later than May 27, 2025, this has been corrected.

**35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES¹
QUARTER 2, 2025
NORTH ASH POND AND OLD EAST ASH POND, VERMILION POWER PLANT,
OAKWOOD, ILLINOIS**

July 21, 2025

Samples were collected and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on May 22, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 2, 2025 sampling event. A groundwater elevation was collected from monitoring well 72, but the well went dry during purging; therefore, a groundwater sample was not collected. Groundwater elevations were collected from background monitoring wells 101 and 103R, however equipment issues prevented discharge from the submersible pumps. Therefore, no groundwater samples were collected. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 2, 2025 sampling event.

Following well inspection, well 103 was noted as damaged. The replacement well, 103R, was installed in November 2024. Well 103 was abandoned in December 2024. Monitoring well 72 was installed in December 2024 to replace monitoring well 40, which was abandoned in June 2024 prior to construction of the groundwater extraction trench. Updates to the Groundwater Monitoring Plan² will be considered following IEPA review and approval of an operating permit.

In accordance with 35 I.A.C. § 845.610(b)(3)(C) and the statistical analysis plan submitted with the operating permit application (Appendix A of the Groundwater Monitoring Plan²), constituent concentrations observed at compliance monitoring wells in Quarter 2, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

The date of this submittal is considered to be the date that the exceedances were detected.

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 Vermilion Power Plant North Ash Pond and Old East Ash Pond (NAP-OEAP). 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. North Ash Pond and Old East Ash Pond. Vermilion Power Plant. Oakwood, Illinois. October 25, 2021.

TABLES

Table 1	Field Parameters and Analytical Results - Quarter 2, 2025
Table 2	Evaluation of Compliance - Quarter 2, 2025

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 2, 2025
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 2, 2025
Attachment C	Comparison to Background - Quarter 2, 2025

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
21	Background	E009	04/16/2025	Antimony, total	0.0013 U	mg/L
21	Background	E009	04/16/2025	Arsenic, total	0.0540	mg/L
21	Background	E009	04/16/2025	Barium, total	0.110	mg/L
21	Background	E009	04/16/2025	Beryllium, total	0.00053 U	mg/L
21	Background	E009	04/16/2025	Boron, total	0.860	mg/L
21	Background	E009	04/16/2025	Cadmium, total	0.00017 U	mg/L
21	Background	E009	04/16/2025	Calcium, total	62.0	mg/L
21	Background	E009	04/16/2025	Chloride, total	1.70	mg/L
21	Background	E009	04/16/2025	Chromium, total	0.0011 U	mg/L
21	Background	E009	04/16/2025	Cobalt, total	0.0004 U	mg/L
21	Background	E009	04/16/2025	Dissolved Oxygen	0.970	mg/L
21	Background	E009	04/16/2025	Fluoride, total	1.10	mg/L
21	Background	E009	04/16/2025	Lead, total	0.00019 U	mg/L
21	Background	E009	04/16/2025	Lithium, total	0.002 U	mg/L
21	Background	E009	04/16/2025	Mercury, total	0.000076 U	mg/L
21	Background	E009	04/16/2025	Molybdenum, total	0.0035 J	mg/L
21	Background	E009	04/16/2025	Oxidation Reduction Potential	-92.7	mV
21	Background	E009	04/16/2025	pH (field)	7.2	SU
21	Background	E009	04/16/2025	Radium 226 + Radium 228, total	1.54	pCi/L
21	Background	E009	04/16/2025	Selenium, total	0.00098 U	mg/L
21	Background	E009	04/16/2025	Specific Conductance @ 25C (field)	624	micromhos/cm
21	Background	E009	04/16/2025	Sulfate, total	2.90	mg/L
21	Background	E009	04/16/2025	Temperature	12.7	degrees C
21	Background	E009	04/16/2025	Thallium, total	0.00057 U	mg/L
21	Background	E009	04/16/2025	Total Dissolved Solids	390	mg/L
21	Background	E009	04/16/2025	Turbidity, field	17.0	NTU
42	Background	E009	04/15/2025	Antimony, total	0.0013 U	mg/L
42	Background	E009	04/15/2025	Arsenic, total	0.0190	mg/L
42	Background	E009	04/15/2025	Barium, total	0.160	mg/L
42	Background	E009	04/15/2025	Beryllium, total	0.00053 U	mg/L
42	Background	E009	04/15/2025	Boron, total	0.690	mg/L
42	Background	E009	04/15/2025	Cadmium, total	0.00017 U	mg/L
42	Background	E009	04/15/2025	Calcium, total	92.0	mg/L
42	Background	E009	04/15/2025	Chloride, total	17.0	mg/L
42	Background	E009	04/15/2025	Chromium, total	0.0011 J	mg/L
42	Background	E009	04/15/2025	Cobalt, total	0.0004 U	mg/L
42	Background	E009	04/15/2025	Dissolved Oxygen	0.500	mg/L
42	Background	E009	04/15/2025	Fluoride, total	0.580	mg/L
42	Background	E009	04/15/2025	Lead, total	0.000570	mg/L
42	Background	E009	04/15/2025	Lithium, total	0.002 U	mg/L
42	Background	E009	04/15/2025	Mercury, total	0.000076 U	mg/L
42	Background	E009	04/15/2025	Molybdenum, total	0.0025 U	mg/L
42	Background	E009	04/15/2025	Oxidation Reduction Potential	-150	mV
42	Background	E009	04/15/2025	pH (field)	7.3	SU
42	Background	E009	04/15/2025	Radium 226 + Radium 228, total	1.71	pCi/L
42	Background	E009	04/15/2025	Selenium, total	0.00098 U	mg/L

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VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
42	Background	E009	04/15/2025	Specific Conductance @ 25C (field)	918	micromhos/cm
42	Background	E009	04/15/2025	Sulfate, total	72.0	mg/L
42	Background	E009	04/15/2025	Temperature	11.3	degrees C
42	Background	E009	04/15/2025	Thallium, total	0.00057 U	mg/L
42	Background	E009	04/15/2025	Total Dissolved Solids	590	mg/L
42	Background	E009	04/15/2025	Turbidity, field	35.4	NTU
43	Background	E009	04/15/2025	Antimony, total	0.0013 U	mg/L
43	Background	E009	04/15/2025	Arsenic, total	0.0230	mg/L
43	Background	E009	04/15/2025	Barium, total	0.510	mg/L
43	Background	E009	04/15/2025	Beryllium, total	0.00053 U	mg/L
43	Background	E009	04/15/2025	Boron, total	1.10	mg/L
43	Background	E009	04/15/2025	Cadmium, total	0.00017 U	mg/L
43	Background	E009	04/15/2025	Calcium, total	75.0	mg/L
43	Background	E009	04/15/2025	Chloride, total	76.0	mg/L
43	Background	E009	04/15/2025	Chromium, total	0.0011 U	mg/L
43	Background	E009	04/15/2025	Cobalt, total	0.0004 U	mg/L
43	Background	E009	04/15/2025	Dissolved Oxygen	0.150	mg/L
43	Background	E009	04/15/2025	Fluoride, total	0.500	mg/L
43	Background	E009	04/15/2025	Lead, total	0.00033 J	mg/L
43	Background	E009	04/15/2025	Lithium, total	0.00840 J	mg/L
43	Background	E009	04/15/2025	Mercury, total	0.000076 U	mg/L
43	Background	E009	04/15/2025	Molybdenum, total	0.0025 U	mg/L
43	Background	E009	04/15/2025	Oxidation Reduction Potential	-145	mV
43	Background	E009	04/15/2025	pH (field)	7.1	SU
43	Background	E009	04/15/2025	Radium 226 + Radium 228, total	1.46	pCi/L
43	Background	E009	04/15/2025	Selenium, total	0.0012 J	mg/L
43	Background	E009	04/15/2025	Specific Conductance @ 25C (field)	1,054	micromhos/cm
43	Background	E009	04/15/2025	Sulfate, total	25.0	mg/L
43	Background	E009	04/15/2025	Temperature	11.8	degrees C
43	Background	E009	04/15/2025	Thallium, total	0.00057 U	mg/L
43	Background	E009	04/15/2025	Total Dissolved Solids	620	mg/L
43	Background	E009	04/15/2025	Turbidity, field	55.7	NTU
101	Background	E009	--	Antimony, total	NS ⁶	mg/L
101	Background	E009	--	Arsenic, total	NS ⁶	mg/L
101	Background	E009	--	Barium, total	NS ⁶	mg/L
101	Background	E009	--	Beryllium, total	NS ⁶	mg/L
101	Background	E009	--	Boron, total	NS ⁶	mg/L
101	Background	E009	--	Cadmium, total	NS ⁶	mg/L
101	Background	E009	--	Calcium, total	NS ⁶	mg/L
101	Background	E009	--	Chloride, total	NS ⁶	mg/L
101	Background	E009	--	Chromium, total	NS ⁶	mg/L
101	Background	E009	--	Cobalt, total	NS ⁶	mg/L
101	Background	E009	--	Dissolved Oxygen	NS ⁶	mg/L
101	Background	E009	--	Fluoride, total	NS ⁶	mg/L
101	Background	E009	--	Lead, total	NS ⁶	mg/L
101	Background	E009	--	Lithium, total	NS ⁶	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
101	Background	E009	--	Mercury, total	NS ⁶	mg/L
101	Background	E009	--	Molybdenum, total	NS ⁶	mg/L
101	Background	E009	--	Oxidation Reduction Potential	NS ⁶	mV
101	Background	E009	--	pH (field)	NS ⁶	SU
101	Background	E009	--	Radium 226 + Radium 228, total	NS ⁶	pCi/L
101	Background	E009	--	Selenium, total	NS ⁶	mg/L
101	Background	E009	--	Specific Conductance @ 25C (field)	NS ⁶	micromhos/cm
101	Background	E009	--	Sulfate, total	NS ⁶	mg/L
101	Background	E009	--	Temperature	NS ⁶	degrees C
101	Background	E009	--	Thallium, total	NS ⁶	mg/L
101	Background	E009	--	Total Dissolved Solids	NS ⁶	mg/L
101	Background	E009	--	Turbidity, field	NS ⁶	NTU
103R	Background	E009	--	Antimony, total	NS ⁶	mg/L
103R	Background	E009	--	Arsenic, total	NS ⁶	mg/L
103R	Background	E009	--	Barium, total	NS ⁶	mg/L
103R	Background	E009	--	Beryllium, total	NS ⁶	mg/L
103R	Background	E009	--	Boron, total	NS ⁶	mg/L
103R	Background	E009	--	Cadmium, total	NS ⁶	mg/L
103R	Background	E009	--	Calcium, total	NS ⁶	mg/L
103R	Background	E009	--	Chloride, total	NS ⁶	mg/L
103R	Background	E009	--	Chromium, total	NS ⁶	mg/L
103R	Background	E009	--	Cobalt, total	NS ⁶	mg/L
103R	Background	E009	--	Dissolved Oxygen	NS ⁶	mg/L
103R	Background	E009	--	Fluoride, total	NS ⁶	mg/L
103R	Background	E009	--	Lead, total	NS ⁶	mg/L
103R	Background	E009	--	Lithium, total	NS ⁶	mg/L
103R	Background	E009	--	Mercury, total	NS ⁶	mg/L
103R	Background	E009	--	Molybdenum, total	NS ⁶	mg/L
103R	Background	E009	--	Oxidation Reduction Potential	NS ⁶	mV
103R	Background	E009	--	pH (field)	NS ⁶	SU
103R	Background	E009	--	Radium 226 + Radium 228, total	NS ⁶	pCi/L
103R	Background	E009	--	Selenium, total	NS ⁶	mg/L
103R	Background	E009	--	Specific Conductance @ 25C (field)	NS ⁶	micromhos/cm
103R	Background	E009	--	Sulfate, total	NS ⁶	mg/L
103R	Background	E009	--	Temperature	NS ⁶	degrees C
103R	Background	E009	--	Thallium, total	NS ⁶	mg/L
103R	Background	E009	--	Total Dissolved Solids	NS ⁶	mg/L
103R	Background	E009	--	Turbidity, field	NS ⁶	NTU
02	Compliance	E009	04/16/2025	Antimony, total	0.0013 U	mg/L
02	Compliance	E009	04/16/2025	Arsenic, total	0.00750	mg/L
02	Compliance	E009	04/16/2025	Barium, total	0.220	mg/L
02	Compliance	E009	04/16/2025	Beryllium, total	0.00053 U	mg/L
02	Compliance	E009	04/16/2025	Boron, total	0.380	mg/L
02	Compliance	E009	04/16/2025	Cadmium, total	0.00017 U	mg/L
02	Compliance	E009	04/16/2025	Calcium, total	98.0	mg/L
02	Compliance	E009	04/16/2025	Chloride, total	44.0	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
02	Compliance	E009	04/16/2025	Chromium, total	0.0011 U	mg/L
02	Compliance	E009	04/16/2025	Cobalt, total	0.0004 U	mg/L
02	Compliance	E009	04/16/2025	Dissolved Oxygen	0.140	mg/L
02	Compliance	E009	04/16/2025	Fluoride, total	0.620	mg/L
02	Compliance	E009	04/16/2025	Lead, total	0.00019 U	mg/L
02	Compliance	E009	04/16/2025	Lithium, total	0.002 U	mg/L
02	Compliance	E009	04/16/2025	Mercury, total	0.000076 U	mg/L
02	Compliance	E009	04/16/2025	Molybdenum, total	0.0025 U	mg/L
02	Compliance	E009	04/16/2025	Oxidation Reduction Potential	-156	mV
02	Compliance	E009	04/16/2025	pH (field)	7.7	SU
02	Compliance	E009	04/16/2025	Radium 226 + Radium 228, total	1.13	pCi/L
02	Compliance	E009	04/16/2025	Selenium, total	0.00098 U	mg/L
02	Compliance	E009	04/16/2025	Specific Conductance @ 25C (field)	960	micromhos/cm
02	Compliance	E009	04/16/2025	Sulfate, total	67.0	mg/L
02	Compliance	E009	04/16/2025	Temperature	13.1	degrees C
02	Compliance	E009	04/16/2025	Thallium, total	0.00057 U	mg/L
02	Compliance	E009	04/16/2025	Total Dissolved Solids	640	mg/L
02	Compliance	E009	04/16/2025	Turbidity, field	6.06	NTU
03R	Compliance	E009	04/15/2025	Antimony, total	0.0013 U	mg/L
03R	Compliance	E009	04/15/2025	Arsenic, total	0.0130	mg/L
03R	Compliance	E009	04/15/2025	Barium, total	0.410	mg/L
03R	Compliance	E009	04/15/2025	Beryllium, total	0.00058 J	mg/L
03R	Compliance	E009	04/15/2025	Boron, total	29.0	mg/L
03R	Compliance	E009	04/15/2025	Cadmium, total	0.00300	mg/L
03R	Compliance	E009	04/15/2025	Calcium, total	200	mg/L
03R	Compliance	E009	04/15/2025	Chloride, total	24.0	mg/L
03R	Compliance	E009	04/15/2025	Chromium, total	0.0240	mg/L
03R	Compliance	E009	04/15/2025	Cobalt, total	0.00730	mg/L
03R	Compliance	E009	04/15/2025	Dissolved Oxygen	1.08	mg/L
03R	Compliance	E009	04/15/2025	Fluoride, total	0.480	mg/L
03R	Compliance	E009	04/15/2025	Lead, total	0.0180	mg/L
03R	Compliance	E009	04/15/2025	Lithium, total	0.0220	mg/L
03R	Compliance	E009	04/15/2025	Mercury, total	0.000076 U	mg/L
03R	Compliance	E009	04/15/2025	Molybdenum, total	0.410	mg/L
03R	Compliance	E009	04/15/2025	Oxidation Reduction Potential	-115	mV
03R	Compliance	E009	04/15/2025	pH (field)	7.0	SU
03R	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	2.41	pCi/L
03R	Compliance	E009	04/15/2025	Selenium, total	0.0013 J	mg/L
03R	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,484	micromhos/cm
03R	Compliance	E009	04/15/2025	Sulfate, total	670	mg/L
03R	Compliance	E009	04/15/2025	Temperature	11.4	degrees C
03R	Compliance	E009	04/15/2025	Thallium, total	0.00057 U	mg/L
03R	Compliance	E009	04/15/2025	Total Dissolved Solids	1,300	mg/L
03R	Compliance	E009	04/15/2025	Turbidity, field	307	NTU
04	Compliance	E009	04/16/2025	Antimony, total	0.0013 U	mg/L
04	Compliance	E009	04/16/2025	Arsenic, total	0.00490	mg/L

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VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
04	Compliance	E009	04/16/2025	Barium, total	0.190	mg/L
04	Compliance	E009	04/16/2025	Beryllium, total	0.00053 U	mg/L
04	Compliance	E009	04/16/2025	Boron, total	7.60	mg/L
04	Compliance	E009	04/16/2025	Cadmium, total	0.00017 U	mg/L
04	Compliance	E009	04/16/2025	Calcium, total	63.0	mg/L
04	Compliance	E009	04/16/2025	Chloride, total	9.20	mg/L
04	Compliance	E009	04/16/2025	Chromium, total	0.0011 U	mg/L
04	Compliance	E009	04/16/2025	Cobalt, total	0.00052 J	mg/L
04	Compliance	E009	04/16/2025	Dissolved Oxygen	0.200	mg/L
04	Compliance	E009	04/16/2025	Fluoride, total	0.350	mg/L
04	Compliance	E009	04/16/2025	Lead, total	0.00019 U	mg/L
04	Compliance	E009	04/16/2025	Lithium, total	0.0400	mg/L
04	Compliance	E009	04/16/2025	Mercury, total	0.000076 U	mg/L
04	Compliance	E009	04/16/2025	Molybdenum, total	0.0390	mg/L
04	Compliance	E009	04/16/2025	Oxidation Reduction Potential	-99.5	mV
04	Compliance	E009	04/16/2025	pH (field)	7.4	SU
04	Compliance	E009	04/16/2025	Radium 226 + Radium 228, total	0.709	pCi/L
04	Compliance	E009	04/16/2025	Selenium, total	0.0049 U	mg/L
04	Compliance	E009	04/16/2025	Specific Conductance @ 25C (field)	528	micromhos/cm
04	Compliance	E009	04/16/2025	Sulfate, total	16.0	mg/L
04	Compliance	E009	04/16/2025	Temperature	9.20	degrees C
04	Compliance	E009	04/16/2025	Thallium, total	0.00057 U	mg/L
04	Compliance	E009	04/16/2025	Total Dissolved Solids	340 J+	mg/L
04	Compliance	E009	04/16/2025	Turbidity, field	8.62	NTU
05	Compliance	E009	04/15/2025	Antimony, total	0.0013 U	mg/L
05	Compliance	E009	04/15/2025	Arsenic, total	0.00027 J	mg/L
05	Compliance	E009	04/15/2025	Barium, total	0.0310	mg/L
05	Compliance	E009	04/15/2025	Beryllium, total	0.00053 U	mg/L
05	Compliance	E009	04/15/2025	Boron, total	10.0	mg/L
05	Compliance	E009	04/15/2025	Cadmium, total	0.00017 U	mg/L
05	Compliance	E009	04/15/2025	Calcium, total	130	mg/L
05	Compliance	E009	04/15/2025	Chloride, total	6.70	mg/L
05	Compliance	E009	04/15/2025	Chromium, total	0.0011 U	mg/L
05	Compliance	E009	04/15/2025	Cobalt, total	0.00078 J	mg/L
05	Compliance	E009	04/15/2025	Dissolved Oxygen	0.0400	mg/L
05	Compliance	E009	04/15/2025	Fluoride, total	0.620	mg/L
05	Compliance	E009	04/15/2025	Lead, total	0.00019 U	mg/L
05	Compliance	E009	04/15/2025	Lithium, total	0.0980	mg/L
05	Compliance	E009	04/15/2025	Mercury, total	0.000076 U	mg/L
05	Compliance	E009	04/15/2025	Molybdenum, total	0.0380	mg/L
05	Compliance	E009	04/15/2025	Oxidation Reduction Potential	36.6	mV
05	Compliance	E009	04/15/2025	pH (field)	7.2	SU
05	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.0605	pCi/L
05	Compliance	E009	04/15/2025	Selenium, total	0.00098 U	mg/L
05	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	824	micromhos/cm
05	Compliance	E009	04/15/2025	Sulfate, total	220	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
05	Compliance	E009	04/15/2025	Temperature	10.6	degrees C
05	Compliance	E009	04/15/2025	Thallium, total	0.00057 U	mg/L
05	Compliance	E009	04/15/2025	Total Dissolved Solids	630	mg/L
05	Compliance	E009	04/15/2025	Turbidity, field	3.02	NTU
07R	Compliance	E009	04/16/2025	Antimony, total	0.0013 U	mg/L
07R	Compliance	E009	04/16/2025	Arsenic, total	0.0130	mg/L
07R	Compliance	E009	04/16/2025	Barium, total	0.0320	mg/L
07R	Compliance	E009	04/16/2025	Beryllium, total	0.00053 U	mg/L
07R	Compliance	E009	04/16/2025	Boron, total	44.0	mg/L
07R	Compliance	E009	04/16/2025	Cadmium, total	0.00017 U	mg/L
07R	Compliance	E009	04/16/2025	Calcium, total	770	mg/L
07R	Compliance	E009	04/16/2025	Chloride, total	5.10	mg/L
07R	Compliance	E009	04/16/2025	Chromium, total	0.0011 U	mg/L
07R	Compliance	E009	04/16/2025	Cobalt, total	0.00200	mg/L
07R	Compliance	E009	04/16/2025	Dissolved Oxygen	3.60	mg/L
07R	Compliance	E009	04/16/2025	Fluoride, total	0.064 J	mg/L
07R	Compliance	E009	04/16/2025	Lead, total	0.00019 U	mg/L
07R	Compliance	E009	04/16/2025	Lithium, total	0.730	mg/L
07R	Compliance	E009	04/16/2025	Mercury, total	0.000076 U	mg/L
07R	Compliance	E009	04/16/2025	Molybdenum, total	0.130	mg/L
07R	Compliance	E009	04/16/2025	Oxidation Reduction Potential	15.7	mV
07R	Compliance	E009	04/16/2025	pH (field)	6.9	SU
07R	Compliance	E009	04/16/2025	Radium 226 + Radium 228, total	2.99	pCi/L
07R	Compliance	E009	04/16/2025	Selenium, total	0.110	mg/L
07R	Compliance	E009	04/16/2025	Specific Conductance @ 25C (field)	2,806	micromhos/cm
07R	Compliance	E009	04/16/2025	Sulfate, total	2,100	mg/L
07R	Compliance	E009	04/16/2025	Temperature	12.1	degrees C
07R	Compliance	E009	04/16/2025	Thallium, total	0.00057 U	mg/L
07R	Compliance	E009	04/16/2025	Total Dissolved Solids	3,100	mg/L
07R	Compliance	E009	04/16/2025	Turbidity, field	54.3	NTU
08R	Compliance	E009	04/15/2025	Antimony, total	0.0013 U	mg/L
08R	Compliance	E009	04/15/2025	Arsenic, total	0.0350	mg/L
08R	Compliance	E009	04/15/2025	Barium, total	0.120	mg/L
08R	Compliance	E009	04/15/2025	Beryllium, total	0.00053 U	mg/L
08R	Compliance	E009	04/15/2025	Boron, total	25.0	mg/L
08R	Compliance	E009	04/15/2025	Cadmium, total	0.00017 U	mg/L
08R	Compliance	E009	04/15/2025	Calcium, total	270	mg/L
08R	Compliance	E009	04/15/2025	Chloride, total	5.50	mg/L
08R	Compliance	E009	04/15/2025	Chromium, total	0.0011 U	mg/L
08R	Compliance	E009	04/15/2025	Cobalt, total	0.00046 J	mg/L
08R	Compliance	E009	04/15/2025	Dissolved Oxygen	0.0900	mg/L
08R	Compliance	E009	04/15/2025	Fluoride, total	0.09 J	mg/L
08R	Compliance	E009	04/15/2025	Lead, total	0.00019 U	mg/L
08R	Compliance	E009	04/15/2025	Lithium, total	0.280	mg/L
08R	Compliance	E009	04/15/2025	Mercury, total	0.000076 U	mg/L
08R	Compliance	E009	04/15/2025	Molybdenum, total	0.210	mg/L

TABLE 1.
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OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
08R	Compliance	E009	04/15/2025	Oxidation Reduction Potential	-46.3	mV
08R	Compliance	E009	04/15/2025	pH (field)	6.7	SU
08R	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	1.59	pCi/L
08R	Compliance	E009	04/15/2025	Selenium, total	0.00098 U	mg/L
08R	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,309	micromhos/cm
08R	Compliance	E009	04/15/2025	Sulfate, total	670	mg/L
08R	Compliance	E009	04/15/2025	Temperature	10.7	degrees C
08R	Compliance	E009	04/15/2025	Thallium, total	0.00057 U	mg/L
08R	Compliance	E009	04/15/2025	Total Dissolved Solids	1,200	mg/L
08R	Compliance	E009	04/15/2025	Turbidity, field	3.45	NTU
17	Compliance	E009	04/16/2025	Antimony, total	0.0013 U	mg/L
17	Compliance	E009	04/16/2025	Arsenic, total	0.00350	mg/L
17	Compliance	E009	04/16/2025	Barium, total	0.0290	mg/L
17	Compliance	E009	04/16/2025	Beryllium, total	0.00053 U	mg/L
17	Compliance	E009	04/16/2025	Boron, total	4.80	mg/L
17	Compliance	E009	04/16/2025	Cadmium, total	0.000760	mg/L
17	Compliance	E009	04/16/2025	Calcium, total	370	mg/L
17	Compliance	E009	04/16/2025	Chloride, total	20.0	mg/L
17	Compliance	E009	04/16/2025	Chromium, total	0.0011 U	mg/L
17	Compliance	E009	04/16/2025	Cobalt, total	0.00160	mg/L
17	Compliance	E009	04/16/2025	Dissolved Oxygen	1.55	mg/L
17	Compliance	E009	04/16/2025	Fluoride, total	0.220	mg/L
17	Compliance	E009	04/16/2025	Lead, total	0.00120	mg/L
17	Compliance	E009	04/16/2025	Lithium, total	0.0270	mg/L
17	Compliance	E009	04/16/2025	Mercury, total	0.000076 U	mg/L
17	Compliance	E009	04/16/2025	Molybdenum, total	0.0037 J	mg/L
17	Compliance	E009	04/16/2025	Oxidation Reduction Potential	73.9	mV
17	Compliance	E009	04/16/2025	pH (field)	6.7	SU
17	Compliance	E009	04/16/2025	Radium 226 + Radium 228, total	0.53	pCi/L
17	Compliance	E009	04/16/2025	Selenium, total	0.0049 U	mg/L
17	Compliance	E009	04/16/2025	Specific Conductance @ 25C (field)	1,919	micromhos/cm
17	Compliance	E009	04/16/2025	Sulfate, total	1,300	mg/L
17	Compliance	E009	04/16/2025	Temperature	12.7	degrees C
17	Compliance	E009	04/16/2025	Thallium, total	0.0011 J	mg/L
17	Compliance	E009	04/16/2025	Total Dissolved Solids	2,000	mg/L
17	Compliance	E009	04/16/2025	Turbidity, field	58.3	NTU
20	Compliance	E009	04/16/2025	Antimony, total	0.0013 U	mg/L
20	Compliance	E009	04/16/2025	Arsenic, total	0.00120	mg/L
20	Compliance	E009	04/16/2025	Barium, total	0.0200	mg/L
20	Compliance	E009	04/16/2025	Beryllium, total	0.00053 U	mg/L
20	Compliance	E009	04/16/2025	Boron, total	1.80	mg/L
20	Compliance	E009	04/16/2025	Cadmium, total	0.00017 U	mg/L
20	Compliance	E009	04/16/2025	Calcium, total	100	mg/L
20	Compliance	E009	04/16/2025	Chloride, total	3.70	mg/L
20	Compliance	E009	04/16/2025	Chromium, total	0.0011 U	mg/L
20	Compliance	E009	04/16/2025	Cobalt, total	0.0004 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
20	Compliance	E009	04/16/2025	Dissolved Oxygen	1.16	mg/L
20	Compliance	E009	04/16/2025	Fluoride, total	0.079 J	mg/L
20	Compliance	E009	04/16/2025	Lead, total	0.00019 U	mg/L
20	Compliance	E009	04/16/2025	Lithium, total	0.0200	mg/L
20	Compliance	E009	04/16/2025	Mercury, total	0.000076 U	mg/L
20	Compliance	E009	04/16/2025	Molybdenum, total	0.0025 U	mg/L
20	Compliance	E009	04/16/2025	Oxidation Reduction Potential	65.0	mV
20	Compliance	E009	04/16/2025	pH (field)	6.9	SU
20	Compliance	E009	04/16/2025	Radium 226 + Radium 228, total	0.744	pCi/L
20	Compliance	E009	04/16/2025	Selenium, total	0.00098 U	mg/L
20	Compliance	E009	04/16/2025	Specific Conductance @ 25C (field)	662	micromhos/cm
20	Compliance	E009	04/16/2025	Sulfate, total	86.0	mg/L
20	Compliance	E009	04/16/2025	Temperature	10.0	degrees C
20	Compliance	E009	04/16/2025	Thallium, total	0.00057 U	mg/L
20	Compliance	E009	04/16/2025	Total Dissolved Solids	500	mg/L
20	Compliance	E009	04/16/2025	Turbidity, field	58.3	NTU
34	Compliance	E009	04/16/2025	Antimony, total	0.0013 U	mg/L
34	Compliance	E009	04/16/2025	Arsenic, total	0.0240	mg/L
34	Compliance	E009	04/16/2025	Barium, total	0.150	mg/L
34	Compliance	E009	04/16/2025	Beryllium, total	0.00053 U	mg/L
34	Compliance	E009	04/16/2025	Boron, total	0.510	mg/L
34	Compliance	E009	04/16/2025	Cadmium, total	0.00017 U	mg/L
34	Compliance	E009	04/16/2025	Calcium, total	70.0	mg/L
34	Compliance	E009	04/16/2025	Chloride, total	35.0	mg/L
34	Compliance	E009	04/16/2025	Chromium, total	0.0011 J	mg/L
34	Compliance	E009	04/16/2025	Cobalt, total	0.0004 U	mg/L
34	Compliance	E009	04/16/2025	Dissolved Oxygen	0.560	mg/L
34	Compliance	E009	04/16/2025	Fluoride, total	0.700	mg/L
34	Compliance	E009	04/16/2025	Lead, total	0.000510	mg/L
34	Compliance	E009	04/16/2025	Lithium, total	0.0026 J	mg/L
34	Compliance	E009	04/16/2025	Mercury, total	0.000076 U	mg/L
34	Compliance	E009	04/16/2025	Molybdenum, total	0.0025 U	mg/L
34	Compliance	E009	04/16/2025	Oxidation Reduction Potential	-77.1	mV
34	Compliance	E009	04/16/2025	pH (field)	7.0	SU
34	Compliance	E009	04/16/2025	Radium 226 + Radium 228, total	0.936	pCi/L
34	Compliance	E009	04/16/2025	Selenium, total	0.00098 U	mg/L
34	Compliance	E009	04/16/2025	Specific Conductance @ 25C (field)	864	micromhos/cm
34	Compliance	E009	04/16/2025	Sulfate, total	1.40	mg/L
34	Compliance	E009	04/16/2025	Temperature	11.5	degrees C
34	Compliance	E009	04/16/2025	Thallium, total	0.00057 U	mg/L
34	Compliance	E009	04/16/2025	Total Dissolved Solids	450	mg/L
34	Compliance	E009	04/16/2025	Turbidity, field	51.0	NTU
36	Compliance	E009	04/17/2025	Antimony, total	0.0013 U	mg/L
36	Compliance	E009	04/17/2025	Arsenic, total	0.00230	mg/L
36	Compliance	E009	04/17/2025	Barium, total	0.0480	mg/L
36	Compliance	E009	04/17/2025	Beryllium, total	0.00053 U	mg/L

TABLE 1.
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OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
36	Compliance	E009	04/17/2025	Boron, total	16.0	mg/L
36	Compliance	E009	04/17/2025	Cadmium, total	0.00017 U	mg/L
36	Compliance	E009	04/17/2025	Calcium, total	460	mg/L
36	Compliance	E009	04/17/2025	Chloride, total	12.0	mg/L
36	Compliance	E009	04/17/2025	Chromium, total	0.0011 U	mg/L
36	Compliance	E009	04/17/2025	Cobalt, total	0.0004 U	mg/L
36	Compliance	E009	04/17/2025	Dissolved Oxygen	0.220	mg/L
36	Compliance	E009	04/17/2025	Fluoride, total	0.210	mg/L
36	Compliance	E009	04/17/2025	Lead, total	0.00019 U	mg/L
36	Compliance	E009	04/17/2025	Lithium, total	0.260	mg/L
36	Compliance	E009	04/17/2025	Mercury, total	0.000076 U	mg/L
36	Compliance	E009	04/17/2025	Molybdenum, total	0.190	mg/L
36	Compliance	E009	04/17/2025	Oxidation Reduction Potential	-42.2	mV
36	Compliance	E009	04/17/2025	pH (field)	7.4	SU
36	Compliance	E009	04/17/2025	Radium 226 + Radium 228, total	0.43	pCi/L
36	Compliance	E009	04/17/2025	Selenium, total	0.0098 U	mg/L
36	Compliance	E009	04/17/2025	Specific Conductance @ 25C (field)	1,963	micromhos/cm
36	Compliance	E009	04/17/2025	Sulfate, total	1,400 J	mg/L
36	Compliance	E009	04/17/2025	Temperature	11.7	degrees C
36	Compliance	E009	04/17/2025	Thallium, total	0.00057 U	mg/L
36	Compliance	E009	04/17/2025	Total Dissolved Solids	1,900	mg/L
36	Compliance	E009	04/17/2025	Turbidity, field	19.4	NTU
37	Compliance	E009	04/16/2025	Antimony, total	0.0013 U	mg/L
37	Compliance	E009	04/16/2025	Arsenic, total	0.0370	mg/L
37	Compliance	E009	04/16/2025	Barium, total	0.340	mg/L
37	Compliance	E009	04/16/2025	Beryllium, total	0.00053 U	mg/L
37	Compliance	E009	04/16/2025	Boron, total	1.90	mg/L
37	Compliance	E009	04/16/2025	Cadmium, total	0.00017 U	mg/L
37	Compliance	E009	04/16/2025	Calcium, total	130	mg/L
37	Compliance	E009	04/16/2025	Chloride, total	45.0	mg/L
37	Compliance	E009	04/16/2025	Chromium, total	0.0011 U	mg/L
37	Compliance	E009	04/16/2025	Cobalt, total	0.0004 U	mg/L
37	Compliance	E009	04/16/2025	Dissolved Oxygen	0.170	mg/L
37	Compliance	E009	04/16/2025	Fluoride, total	0.600	mg/L
37	Compliance	E009	04/16/2025	Lead, total	0.00021 J	mg/L
37	Compliance	E009	04/16/2025	Lithium, total	0.0026 J	mg/L
37	Compliance	E009	04/16/2025	Mercury, total	0.000076 U	mg/L
37	Compliance	E009	04/16/2025	Molybdenum, total	0.0025 U	mg/L
37	Compliance	E009	04/16/2025	Oxidation Reduction Potential	-93.1	mV
37	Compliance	E009	04/16/2025	pH (field)	6.9	SU
37	Compliance	E009	04/16/2025	Radium 226 + Radium 228, total	1.76	pCi/L
37	Compliance	E009	04/16/2025	Selenium, total	0.00098 U	mg/L
37	Compliance	E009	04/16/2025	Specific Conductance @ 25C (field)	1,302	micromhos/cm
37	Compliance	E009	04/16/2025	Sulfate, total	350	mg/L
37	Compliance	E009	04/16/2025	Temperature	12.8	degrees C
37	Compliance	E009	04/16/2025	Thallium, total	0.00057 U	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
37	Compliance	E009	04/16/2025	Total Dissolved Solids	850	mg/L
37	Compliance	E009	04/16/2025	Turbidity, field	41.2	NTU
38	Compliance	E009	04/15/2025	Antimony, total	0.0013 U	mg/L
38	Compliance	E009	04/15/2025	Arsenic, total	0.0280	mg/L
38	Compliance	E009	04/15/2025	Barium, total	0.200	mg/L
38	Compliance	E009	04/15/2025	Beryllium, total	0.00053 U	mg/L
38	Compliance	E009	04/15/2025	Boron, total	0.450	mg/L
38	Compliance	E009	04/15/2025	Cadmium, total	0.00017 U	mg/L
38	Compliance	E009	04/15/2025	Calcium, total	74.0	mg/L
38	Compliance	E009	04/15/2025	Chloride, total	17.0	mg/L
38	Compliance	E009	04/15/2025	Chromium, total	0.0011 U	mg/L
38	Compliance	E009	04/15/2025	Cobalt, total	0.0004 U	mg/L
38	Compliance	E009	04/15/2025	Dissolved Oxygen	0.640	mg/L
38	Compliance	E009	04/15/2025	Fluoride, total	0.380	mg/L
38	Compliance	E009	04/15/2025	Lead, total	0.00028 J	mg/L
38	Compliance	E009	04/15/2025	Lithium, total	0.002 U	mg/L
38	Compliance	E009	04/15/2025	Mercury, total	0.000076 U	mg/L
38	Compliance	E009	04/15/2025	Molybdenum, total	0.0025 U	mg/L
38	Compliance	E009	04/15/2025	Oxidation Reduction Potential	-121	mV
38	Compliance	E009	04/15/2025	pH (field)	7.0	SU
38	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	1.45	pCi/L
38	Compliance	E009	04/15/2025	Selenium, total	0.00098 U	mg/L
38	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	902	micromhos/cm
38	Compliance	E009	04/15/2025	Sulfate, total	0.54 J	mg/L
38	Compliance	E009	04/15/2025	Temperature	11.3	degrees C
38	Compliance	E009	04/15/2025	Thallium, total	0.00057 U	mg/L
38	Compliance	E009	04/15/2025	Total Dissolved Solids	440	mg/L
38	Compliance	E009	04/15/2025	Turbidity, field	18.6	NTU
41	Compliance	E009	04/15/2025	Antimony, total	0.0013 U	mg/L
41	Compliance	E009	04/15/2025	Arsenic, total	0.0140	mg/L
41	Compliance	E009	04/15/2025	Barium, total	0.250	mg/L
41	Compliance	E009	04/15/2025	Beryllium, total	0.00053 U	mg/L
41	Compliance	E009	04/15/2025	Boron, total	2.60	mg/L
41	Compliance	E009	04/15/2025	Cadmium, total	0.00017 U	mg/L
41	Compliance	E009	04/15/2025	Calcium, total	87.0	mg/L
41	Compliance	E009	04/15/2025	Chloride, total	51.0	mg/L
41	Compliance	E009	04/15/2025	Chromium, total	0.0011 U	mg/L
41	Compliance	E009	04/15/2025	Cobalt, total	0.0004 U	mg/L
41	Compliance	E009	04/15/2025	Dissolved Oxygen	0.620	mg/L
41	Compliance	E009	04/15/2025	Fluoride, total	0.420	mg/L
41	Compliance	E009	04/15/2025	Lead, total	0.00019 U	mg/L
41	Compliance	E009	04/15/2025	Lithium, total	0.002 U	mg/L
41	Compliance	E009	04/15/2025	Mercury, total	0.000076 U	mg/L
41	Compliance	E009	04/15/2025	Molybdenum, total	0.0025 U	mg/L
41	Compliance	E009	04/15/2025	Oxidation Reduction Potential	134	mV
41	Compliance	E009	04/15/2025	pH (field)	7.1	SU

TABLE 1.
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OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
41	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	2.54	pCi/L
41	Compliance	E009	04/15/2025	Selenium, total	0.00098 U	mg/L
41	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,067	micromhos/cm
41	Compliance	E009	04/15/2025	Sulfate, total	0.47 U	mg/L
41	Compliance	E009	04/15/2025	Temperature	12.1	degrees C
41	Compliance	E009	04/15/2025	Thallium, total	0.00057 U	mg/L
41	Compliance	E009	04/15/2025	Total Dissolved Solids	630	mg/L
41	Compliance	E009	04/15/2025	Turbidity, field	99.0	NTU
72	Compliance	E009	--	Antimony, total	NS ⁷	mg/L
72	Compliance	E009	--	Arsenic, total	NS ⁷	mg/L
72	Compliance	E009	--	Barium, total	NS ⁷	mg/L
72	Compliance	E009	--	Beryllium, total	NS ⁷	mg/L
72	Compliance	E009	--	Boron, total	NS ⁷	mg/L
72	Compliance	E009	--	Cadmium, total	NS ⁷	mg/L
72	Compliance	E009	--	Calcium, total	NS ⁷	mg/L
72	Compliance	E009	--	Chloride, total	NS ⁷	mg/L
72	Compliance	E009	--	Chromium, total	NS ⁷	mg/L
72	Compliance	E009	--	Cobalt, total	NS ⁷	mg/L
72	Compliance	E009	--	Dissolved Oxygen	NS ⁷	mg/L
72	Compliance	E009	--	Fluoride, total	NS ⁷	mg/L
72	Compliance	E009	--	Lead, total	NS ⁷	mg/L
72	Compliance	E009	--	Lithium, total	NS ⁷	mg/L
72	Compliance	E009	--	Mercury, total	NS ⁷	mg/L
72	Compliance	E009	--	Molybdenum, total	NS ⁷	mg/L
72	Compliance	E009	--	Oxidation Reduction Potential	NS ⁷	mV
72	Compliance	E009	--	pH (field)	NS ⁷	SU
72	Compliance	E009	--	Radium 226 + Radium 228, total	NS ⁷	pCi/L
72	Compliance	E009	--	Selenium, total	NS ⁷	mg/L
72	Compliance	E009	--	Specific Conductance @ 25C (field)	NS ⁷	micromhos/cm
72	Compliance	E009	--	Sulfate, total	NS ⁷	mg/L
72	Compliance	E009	--	Temperature	NS ⁷	degrees C
72	Compliance	E009	--	Thallium, total	NS ⁷	mg/L
72	Compliance	E009	--	Total Dissolved Solids	NS ⁷	mg/L
72	Compliance	E009	--	Turbidity, field	NS ⁷	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Notes:

C = Celsius

cm = centimeter

Events:

E009 = Quarter 2, 2025 sampling event

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

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

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J+ = The result is an estimated quantity, but the result may be biased high.

U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.

SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
02	LGU	E009	Antimony, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
02	LGU	E009	Arsenic, total	mg/L	03/31/21 - 04/16/25	16	6	CI around mean	0.00611	0.0600	Background	No Exceedance
02	LGU	E009	Barium, total	mg/L	03/31/21 - 04/16/25	16	0	CI around mean	0.199	2.0	Standard	No Exceedance
02	LGU	E009	Beryllium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
02	LGU	E009	Boron, total	mg/L	03/31/21 - 04/16/25	16	0	CI around mean	0.317	2.45	Background	No Exceedance
02	LGU	E009	Cadmium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
02	LGU	E009	Chloride, total	mg/L	03/31/21 - 04/16/25	16	0	CI around median	39	200	Standard	No Exceedance
02	LGU	E009	Chromium, total	mg/L	03/31/21 - 04/16/25	16	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
02	LGU	E009	Cobalt, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.001	0.006	Standard	No Exceedance
02	LGU	E009	Fluoride, total	mg/L	03/31/21 - 04/16/25	16	6	CB around linear reg	0.546	4.0	Standard	No Exceedance
02	LGU	E009	Lead, total	mg/L	03/31/21 - 04/16/25	16	94	CI around median	0.0005	0.0075	Standard	No Exceedance
02	LGU	E009	Lithium, total	mg/L	03/31/21 - 04/16/25	16	62	CI around median	0.0037	0.04	Standard	No Exceedance
02	LGU	E009	Mercury, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
02	LGU	E009	Molybdenum, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.005	0.1	Standard	No Exceedance
02	LGU	E009	pH (field)	SU	03/31/21 - 04/16/25	16	0	CI around mean	7.5/7.8	6.5/9.0	Standard/Standard	No Exceedance
02	LGU	E009	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 04/16/25	15	0	CI around mean	0.575	5	Standard	No Exceedance
02	LGU	E009	Selenium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
02	LGU	E009	Sulfate, total	mg/L	03/31/21 - 04/16/25	16	0	CB around linear reg	-18.2	400	Standard	No Exceedance
02	LGU	E009	Thallium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
02	LGU	E009	Total Dissolved Solids	mg/L	03/31/21 - 04/16/25	16	0	CI around mean	566	1,200	Standard	No Exceedance
03R	LGU	E009	Antimony, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
03R	LGU	E009	Arsenic, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	0.00562	0.0600	Background	No Exceedance
03R	LGU	E009	Barium, total	mg/L	03/30/21 - 04/15/25	17	0	CI around geomean	0.294	2.0	Standard	No Exceedance
03R	LGU	E009	Beryllium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
03R	LGU	E009	Boron, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	28.5	2.45	Background	Exceedance
03R	LGU	E009	Cadmium, total	mg/L	03/30/21 - 04/15/25	17	76	CI around median	0.0005	0.005	Standard	No Exceedance
03R	LGU	E009	Chloride, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	19.9	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
03R	LGU	E009	Chromium, total	mg/L	03/30/21 - 04/15/25	17	76	CB around T-S line	0.0015	0.1	Standard	No Exceedance
03R	LGU	E009	Cobalt, total	mg/L	03/30/21 - 04/15/25	17	82	CI around median	0.001	0.006	Standard	No Exceedance
03R	LGU	E009	Fluoride, total	mg/L	03/30/21 - 04/15/25	17	6	CI around mean	0.439	4.0	Standard	No Exceedance
03R	LGU	E009	Lead, total	mg/L	03/30/21 - 04/15/25	17	47	CI around median	0.001	0.0075	Standard	No Exceedance
03R	LGU	E009	Lithium, total	mg/L	03/30/21 - 04/15/25	17	71	CB around T-S line	0.003	0.04	Standard	No Exceedance
03R	LGU	E009	Mercury, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
03R	LGU	E009	Molybdenum, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	0.366	0.1	Standard	Exceedance
03R	LGU	E009	pH (field)	SU	03/30/21 - 04/15/25	17	0	CI around mean	7.2/7.4	6.5/9.0	Standard/Standard	No Exceedance
03R	LGU	E009	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 04/15/25	15	0	CI around mean	1.18	5	Standard	No Exceedance
03R	LGU	E009	Selenium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
03R	LGU	E009	Sulfate, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	533	400	Standard	Exceedance
03R	LGU	E009	Thallium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
03R	LGU	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	1,210	1,200	Standard	Exceedance
04	UA	E009	Antimony, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
04	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/16/25	17	6	CI around geomean	0.00519	0.0600	Background	No Exceedance
04	UA	E009	Barium, total	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	0.22	2.0	Standard	No Exceedance
04	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
04	UA	E009	Boron, total	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	8.2	2.45	Background	Exceedance
04	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
04	UA	E009	Chloride, total	mg/L	03/30/21 - 04/16/25	17	0	CB around linear reg	7.51	200	Standard	No Exceedance
04	UA	E009	Chromium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.005	0.1	Standard	No Exceedance
04	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/16/25	17	94	Most recent sample	0.001	0.006	Standard	No Exceedance
04	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/16/25	17	6	CI around median	0.3	4.0	Standard	No Exceedance
04	UA	E009	Lead, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
04	UA	E009	Lithium, total	mg/L	03/30/21 - 04/16/25	17	0	CB around linear reg	0.0382	0.04	Standard	No Exceedance
04	UA	E009	Mercury, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
04	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/16/25	17	0	CB around linear reg	0.0349	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
04	UA	E009	pH (field)	SU	03/30/21 - 04/16/25	17	0	CI around mean	7.4/7.6	6.5/9.0	Standard/Standard	No Exceedance
04	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 04/16/25	15	0	CI around mean	0.791	5	Standard	No Exceedance
04	UA	E009	Selenium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.013	0.05	Standard	No Exceedance
04	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/16/25	17	0	CB around linear reg	-9.4	400	Standard	No Exceedance
04	UA	E009	Thallium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
04	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	367	1,200	Standard	No Exceedance
05	UA	E009	Antimony, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
05	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.0600	Background	No Exceedance
05	UA	E009	Barium, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	0.0228	2.0	Standard	No Exceedance
05	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
05	UA	E009	Boron, total	mg/L	03/30/21 - 04/15/25	17	0	CI around median	16	2.45	Background	Exceedance
05	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
05	UA	E009	Chloride, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	5.04	200	Standard	No Exceedance
05	UA	E009	Chromium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.005	0.1	Standard	No Exceedance
05	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/15/25	17	82	CI around median	0.001	0.006	Standard	No Exceedance
05	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/15/25	17	6	CB around linear reg	0.578	4.0	Standard	No Exceedance
05	UA	E009	Lead, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
05	UA	E009	Lithium, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	0.0877	0.04	Standard	Exceedance
05	UA	E009	Mercury, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
05	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/15/25	17	0	CB around T-S line	0.0251	0.1	Standard	No Exceedance
05	UA	E009	pH (field)	SU	03/30/21 - 04/15/25	17	0	CI around mean	7.3/7.5	6.5/9.0	Standard/Standard	No Exceedance
05	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 04/15/25	15	0	CI around mean	0.152	5	Standard	No Exceedance
05	UA	E009	Selenium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
05	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/15/25	17	0	CI around median	220	400	Standard	No Exceedance
05	UA	E009	Thallium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
05	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	546	1,200	Standard	No Exceedance
07R	UA	E009	Antimony, total	mg/L	05/12/21 - 04/16/25	12	83	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
07R	UA	E009	Arsenic, total	mg/L	05/12/21 - 04/16/25	12	8	CI around geomean	0.0018	0.0600	Background	No Exceedance
07R	UA	E009	Barium, total	mg/L	05/12/21 - 04/16/25	12	0	CI around median	0.0176	2.0	Standard	No Exceedance
07R	UA	E009	Beryllium, total	mg/L	05/12/21 - 04/16/25	12	83	CI around median	0.001	0.004	Standard	No Exceedance
07R	UA	E009	Boron, total	mg/L	05/12/21 - 04/16/25	12	0	CB around linear reg	40.1	2.45	Background	Exceedance
07R	UA	E009	Cadmium, total	mg/L	05/12/21 - 04/16/25	12	75	CB around T-S line	-0.000724	0.005	Standard	No Exceedance
07R	UA	E009	Chloride, total	mg/L	05/12/21 - 04/16/25	12	0	CI around mean	4.45	200	Standard	No Exceedance
07R	UA	E009	Chromium, total	mg/L	05/12/21 - 04/16/25	12	75	CI around median	0.0015	0.1	Standard	No Exceedance
07R	UA	E009	Cobalt, total	mg/L	05/12/21 - 04/16/25	12	67	CI around median	0.001	0.006	Standard	No Exceedance
07R	UA	E009	Fluoride, total	mg/L	05/12/21 - 04/16/25	12	33	CI around mean	0.1	4.0	Standard	No Exceedance
07R	UA	E009	Lead, total	mg/L	05/12/21 - 04/16/25	12	75	CB around T-S line	-0.214	0.0075	Standard	No Exceedance
07R	UA	E009	Lithium, total	mg/L	05/12/21 - 04/16/25	12	0	CB around linear reg	0.598	0.04	Standard	Exceedance
07R	UA	E009	Mercury, total	mg/L	05/12/21 - 04/16/25	12	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
07R	UA	E009	Molybdenum, total	mg/L	05/12/21 - 04/16/25	12	0	CI around mean	0.323	0.1	Standard	Exceedance
07R	UA	E009	pH (field)	SU	05/12/21 - 04/16/25	12	0	CI around mean	7.2/7.6	6.5/9.0	Standard/Standard	No Exceedance
07R	UA	E009	Radium 226 + Radium 228, total	pCi/L	05/12/21 - 04/16/25	12	0	CI around geomean	0.392	5	Standard	No Exceedance
07R	UA	E009	Selenium, total	mg/L	05/12/21 - 04/16/25	12	25	CI around geomean	0.0022	0.05	Standard	No Exceedance
07R	UA	E009	Sulfate, total	mg/L	05/12/21 - 04/16/25	12	0	CI around mean	1,780	400	Standard	Exceedance
07R	UA	E009	Thallium, total	mg/L	05/12/21 - 04/16/25	12	100	All ND - Last	0.002	0.002	Standard	No Exceedance
07R	UA	E009	Total Dissolved Solids	mg/L	05/12/21 - 04/16/25	12	0	CI around mean	2,890	1,200	Standard	Exceedance
08R	UA	E009	Antimony, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
08R	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/15/25	16	6	CB around T-S line	0.0164	0.0600	Background	No Exceedance
08R	UA	E009	Barium, total	mg/L	03/30/21 - 04/15/25	16	0	CI around mean	0.059	2.0	Standard	No Exceedance
08R	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
08R	UA	E009	Boron, total	mg/L	03/30/21 - 04/15/25	16	0	CI around median	25	2.45	Background	Exceedance
08R	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
08R	UA	E009	Chloride, total	mg/L	03/30/21 - 04/15/25	16	0	CI around mean	5.19	200	Standard	No Exceedance
08R	UA	E009	Chromium, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.005	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
08R	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.001	0.006	Standard	No Exceedance
08R	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/15/25	16	81	CI around median	0.1	4.0	Standard	No Exceedance
08R	UA	E009	Lead, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
08R	UA	E009	Lithium, total	mg/L	03/30/21 - 04/15/25	16	0	CI around median	0.288	0.04	Standard	Exceedance
08R	UA	E009	Mercury, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
08R	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/15/25	16	6	CI around mean	0.173	0.1	Standard	Exceedance
08R	UA	E009	pH (field)	SU	03/30/21 - 04/15/25	16	0	CI around mean	7.1/7.9	6.5/9.0	Standard/Standard	No Exceedance
08R	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 04/15/25	14	0	CI around mean	0.544	5	Standard	No Exceedance
08R	UA	E009	Selenium, total	mg/L	03/30/21 - 04/15/25	16	94	CB around T-S line	0.001	0.05	Standard	No Exceedance
08R	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/15/25	16	0	CI around median	645	400	Standard	Exceedance
08R	UA	E009	Thallium, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
08R	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/15/25	16	0	CI around median	1,200	1,200	Standard	No Exceedance
17	UA	E009	Antimony, total	mg/L	03/31/21 - 04/16/25	11	100	All ND - Last	0.003	0.006	Standard	No Exceedance
17	UA	E009	Arsenic, total	mg/L	03/31/21 - 04/16/25	11	18	CI around mean	0.00295	0.0600	Background	No Exceedance
17	UA	E009	Barium, total	mg/L	03/31/21 - 04/16/25	11	0	CI around mean	0.0255	2.0	Standard	No Exceedance
17	UA	E009	Beryllium, total	mg/L	03/31/21 - 04/16/25	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
17	UA	E009	Boron, total	mg/L	03/31/21 - 04/16/25	11	0	CI around mean	3.46	2.45	Background	Exceedance
17	UA	E009	Cadmium, total	mg/L	03/31/21 - 04/16/25	11	91	CI around median	0.0005	0.005	Standard	No Exceedance
17	UA	E009	Chloride, total	mg/L	03/31/21 - 04/16/25	11	0	CI around mean	16.7	200	Standard	No Exceedance
17	UA	E009	Chromium, total	mg/L	03/31/21 - 04/16/25	11	100	All ND - Last	0.005	0.1	Standard	No Exceedance
17	UA	E009	Cobalt, total	mg/L	03/31/21 - 04/16/25	11	18	CI around mean	0.0014	0.006	Standard	No Exceedance
17	UA	E009	Fluoride, total	mg/L	03/31/21 - 04/16/25	11	9	CB around T-S line	0.195	4.0	Standard	No Exceedance
17	UA	E009	Lead, total	mg/L	03/31/21 - 04/16/25	11	64	CI around median	0.0005	0.0075	Standard	No Exceedance
17	UA	E009	Lithium, total	mg/L	03/31/21 - 04/16/25	11	0	CI around mean	0.0204	0.04	Standard	No Exceedance
17	UA	E009	Mercury, total	mg/L	03/31/21 - 04/16/25	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
17	UA	E009	Molybdenum, total	mg/L	03/31/21 - 04/16/25	11	54	CI around median	0.00303	0.1	Standard	No Exceedance
17	UA	E009	pH (field)	SU	03/31/21 - 04/16/25	11	0	CI around mean	6.7/6.9	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
17	UA	E009	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 04/16/25	9	0	CI around mean	0.216	5	Standard	No Exceedance
17	UA	E009	Selenium, total	mg/L	03/31/21 - 04/16/25	11	91	CB around T-S line	0.001	0.05	Standard	No Exceedance
17	UA	E009	Sulfate, total	mg/L	03/31/21 - 04/16/25	11	0	CI around geomean	925	400	Standard	Exceedance
17	UA	E009	Thallium, total	mg/L	03/31/21 - 04/16/25	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
17	UA	E009	Total Dissolved Solids	mg/L	03/31/21 - 04/16/25	11	0	CI around mean	1,680	1,200	Standard	Exceedance
20	UA	E009	Antimony, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
20	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/16/25	17	59	CI around median	0.001	0.0600	Background	No Exceedance
20	UA	E009	Barium, total	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	0.0187	2.0	Standard	No Exceedance
20	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
20	UA	E009	Boron, total	mg/L	03/30/21 - 04/16/25	17	0	CB around linear reg	1.83	2.45	Background	No Exceedance
20	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
20	UA	E009	Chloride, total	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	3.88	200	Standard	No Exceedance
20	UA	E009	Chromium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.005	0.1	Standard	No Exceedance
20	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/16/25	17	82	CI around median	0.001	0.006	Standard	No Exceedance
20	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.1	4.0	Standard	No Exceedance
20	UA	E009	Lead, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
20	UA	E009	Lithium, total	mg/L	03/30/21 - 04/16/25	17	0	CI around geomean	0.021	0.04	Standard	No Exceedance
20	UA	E009	Mercury, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
20	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/16/25	17	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
20	UA	E009	pH (field)	SU	03/30/21 - 04/16/25	17	0	CI around mean	6.9/7.2	6.5/9.0	Standard/Standard	No Exceedance
20	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 04/16/25	15	0	CI around mean	0.396	5	Standard	No Exceedance
20	UA	E009	Selenium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
20	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/16/25	17	0	CI around geomean	78.4	400	Standard	No Exceedance
20	UA	E009	Thallium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
20	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	419	1,200	Standard	No Exceedance
34	LGU	E009	Antimony, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
34	LGU	E009	Arsenic, total	mg/L	03/30/21 - 04/16/25	16	0	CI around geomean	0.0247	0.0600	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
34	LGU	E009	Barium, total	mg/L	03/30/21 - 04/16/25	16	0	CI around mean	0.155	2.0	Standard	No Exceedance
34	LGU	E009	Beryllium, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
34	LGU	E009	Boron, total	mg/L	03/30/21 - 04/16/25	16	0	CI around mean	0.486	2.45	Background	No Exceedance
34	LGU	E009	Cadmium, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
34	LGU	E009	Chloride, total	mg/L	03/30/21 - 04/16/25	16	0	CI around mean	32.8	200	Standard	No Exceedance
34	LGU	E009	Chromium, total	mg/L	03/30/21 - 04/16/25	16	50	CI around median	0.0033	0.1	Standard	No Exceedance
34	LGU	E009	Cobalt, total	mg/L	03/30/21 - 04/16/25	16	56	CI around median	0.001	0.006	Standard	No Exceedance
34	LGU	E009	Fluoride, total	mg/L	03/30/21 - 04/16/25	16	6	CI around median	0.63	4.0	Standard	No Exceedance
34	LGU	E009	Lead, total	mg/L	03/30/21 - 04/16/25	16	12	CI around mean	0.00121	0.0075	Standard	No Exceedance
34	LGU	E009	Lithium, total	mg/L	03/30/21 - 04/16/25	16	50	CI around mean	0.00339	0.04	Standard	No Exceedance
34	LGU	E009	Mercury, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
34	LGU	E009	Molybdenum, total	mg/L	03/30/21 - 04/16/25	16	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
34	LGU	E009	pH (field)	SU	03/30/21 - 04/16/25	16	0	CI around mean	7.0/7.2	6.5/9.0	Standard/Standard	No Exceedance
34	LGU	E009	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 04/16/25	14	0	CI around geomean	0.567	5	Standard	No Exceedance
34	LGU	E009	Selenium, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
34	LGU	E009	Sulfate, total	mg/L	03/30/21 - 04/16/25	16	88	CB around T-S line	-3.58	400	Standard	No Exceedance
34	LGU	E009	Thallium, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
34	LGU	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/16/25	16	0	CI around mean	477	1,200	Standard	No Exceedance
36	UA	E009	Antimony, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
36	UA	E009	Arsenic, total	mg/L	03/31/21 - 04/17/25	16	12	CI around geomean	0.0023	0.0600	Background	No Exceedance
36	UA	E009	Barium, total	mg/L	03/31/21 - 04/17/25	16	0	CB around linear reg	0.0247	2.0	Standard	No Exceedance
36	UA	E009	Beryllium, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
36	UA	E009	Boron, total	mg/L	03/31/21 - 04/17/25	16	0	CI around mean	12.6	2.45	Background	Exceedance
36	UA	E009	Cadmium, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
36	UA	E009	Chloride, total	mg/L	03/31/21 - 04/17/25	16	0	CB around linear reg	6.31	200	Standard	No Exceedance
36	UA	E009	Chromium, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.005	0.1	Standard	No Exceedance
36	UA	E009	Cobalt, total	mg/L	03/31/21 - 04/17/25	16	94	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
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845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
36	UA	E009	Fluoride, total	mg/L	03/31/21 - 04/17/25	16	6	CI around median	0.24	4.0	Standard	No Exceedance
36	UA	E009	Lead, total	mg/L	03/31/21 - 04/17/25	16	94	CI around median	0.0005	0.0075	Standard	No Exceedance
36	UA	E009	Lithium, total	mg/L	03/31/21 - 04/17/25	16	0	CI around mean	0.161	0.04	Standard	Exceedance
36	UA	E009	Mercury, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
36	UA	E009	Molybdenum, total	mg/L	03/31/21 - 04/17/25	16	0	CI around mean	0.125	0.1	Standard	Exceedance
36	UA	E009	pH (field)	SU	03/31/21 - 04/17/25	16	0	CI around mean	7.1/7.3	6.5/9.0	Standard/Standard	No Exceedance
36	UA	E009	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 04/17/25	15	0	CI around mean	0.945	5	Standard	No Exceedance
36	UA	E009	Selenium, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.025	0.05	Standard	No Exceedance
36	UA	E009	Sulfate, total	mg/L	03/31/21 - 04/17/25	16	0	CI around geomean	976	400	Standard	Exceedance
36	UA	E009	Thallium, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
36	UA	E009	Total Dissolved Solids	mg/L	03/31/21 - 04/17/25	16	0	CI around mean	1,700	1,200	Standard	Exceedance
37	LGU	E009	Antimony, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
37	LGU	E009	Arsenic, total	mg/L	03/31/21 - 04/16/25	16	0	CB around T-S line	0.0367	0.0600	Background	No Exceedance
37	LGU	E009	Barium, total	mg/L	03/31/21 - 04/16/25	16	0	CB around linear reg	0.324	2.0	Standard	No Exceedance
37	LGU	E009	Beryllium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
37	LGU	E009	Boron, total	mg/L	03/31/21 - 04/16/25	16	0	CB around linear reg	1.88	2.45	Background	No Exceedance
37	LGU	E009	Cadmium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
37	LGU	E009	Chloride, total	mg/L	03/31/21 - 04/16/25	16	0	CI around mean	41.5	200	Standard	No Exceedance
37	LGU	E009	Chromium, total	mg/L	03/31/21 - 04/16/25	16	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
37	LGU	E009	Cobalt, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.001	0.006	Standard	No Exceedance
37	LGU	E009	Fluoride, total	mg/L	03/31/21 - 04/16/25	16	6	CI around mean	0.565	4.0	Standard	No Exceedance
37	LGU	E009	Lead, total	mg/L	03/31/21 - 04/16/25	16	75	CI around median	0.0005	0.0075	Standard	No Exceedance
37	LGU	E009	Lithium, total	mg/L	03/31/21 - 04/16/25	16	94	CI around median	0.003	0.04	Standard	No Exceedance
37	LGU	E009	Mercury, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
37	LGU	E009	Molybdenum, total	mg/L	03/31/21 - 04/16/25	16	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
37	LGU	E009	pH (field)	SU	03/31/21 - 04/16/25	16	0	CI around mean	6.9/7.1	6.5/9.0	Standard/Standard	No Exceedance
37	LGU	E009	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 04/16/25	15	0	CI around mean	1.03	5	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
37	LGU	E009	Selenium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
37	LGU	E009	Sulfate, total	mg/L	03/31/21 - 04/16/25	16	0	CB around T-S line	270	400	Standard	No Exceedance
37	LGU	E009	Thallium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
37	LGU	E009	Total Dissolved Solids	mg/L	03/31/21 - 04/16/25	16	0	CB around linear reg	836	1,200	Standard	No Exceedance
38	UA	E009	Antimony, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
38	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	0.0297	0.0600	Background	No Exceedance
38	UA	E009	Barium, total	mg/L	03/30/21 - 04/15/25	17	0	CB around T-S line	0.133	2.0	Standard	No Exceedance
38	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
38	UA	E009	Boron, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	0.431	2.45	Background	No Exceedance
38	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
38	UA	E009	Chloride, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	13.5	200	Standard	No Exceedance
38	UA	E009	Chromium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.005	0.1	Standard	No Exceedance
38	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
38	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/15/25	17	6	CI around median	0.35	4.0	Standard	No Exceedance
38	UA	E009	Lead, total	mg/L	03/30/21 - 04/15/25	17	94	CI around median	0.0005	0.0075	Standard	No Exceedance
38	UA	E009	Lithium, total	mg/L	03/30/21 - 04/15/25	17	65	CI around median	0.0033	0.04	Standard	No Exceedance
38	UA	E009	Mercury, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
38	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/15/25	17	53	CI around median	0.0032	0.1	Standard	No Exceedance
38	UA	E009	pH (field)	SU	03/30/21 - 04/15/25	17	0	CI around mean	7.0/7.1	6.5/9.0	Standard/Standard	No Exceedance
38	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 04/15/25	15	0	CI around mean	1.08	5	Standard	No Exceedance
38	UA	E009	Selenium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
38	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/15/25	17	94	CB around T-S line	-3.36	400	Standard	No Exceedance
38	UA	E009	Thallium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
38	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	498	1,200	Standard	No Exceedance
41	UA	E009	Antimony, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
41	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	0.0123	0.0600	Background	No Exceedance
41	UA	E009	Barium, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	0.233	2.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
41	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
41	UA	E009	Boron, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	2.76	2.45	Background	Exceedance
41	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
41	UA	E009	Chloride, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	45.2	200	Standard	No Exceedance
41	UA	E009	Chromium, total	mg/L	03/30/21 - 04/15/25	17	94	CI around median	0.0015	0.1	Standard	No Exceedance
41	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
41	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/15/25	17	6	CI around median	0.41	4.0	Standard	No Exceedance
41	UA	E009	Lead, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
41	UA	E009	Lithium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.005	0.04	Standard	No Exceedance
41	UA	E009	Mercury, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
41	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.005	0.1	Standard	No Exceedance
41	UA	E009	pH (field)	SU	03/30/21 - 04/15/25	17	0	CB around linear reg	7.1/7.4	6.5/9.0	Standard/Standard	No Exceedance
41	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/20/21 - 04/15/25	15	0	CI around mean	1.12	5	Standard	No Exceedance
41	UA	E009	Selenium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
41	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/15/25	17	88	CB around T-S line	-3.73	400	Standard	No Exceedance
41	UA	E009	Thallium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
41	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	611	1,200	Standard	No Exceedance
40/72	UA	E009	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
40/72	UA	E009	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.0600	Background	--
40/72	UA	E009	Barium, total	mg/L	--	--	--	--	NS ⁷	2.0	Standard	--
40/72	UA	E009	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.004	Standard	--
40/72	UA	E009	Boron, total	mg/L	--	--	--	--	NS ⁷	2.45	Background	--
40/72	UA	E009	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.005	Standard	--
40/72	UA	E009	Chloride, total	mg/L	--	--	--	--	NS ⁷	200	Standard	--
40/72	UA	E009	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
40/72	UA	E009	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
40/72	UA	E009	Fluoride, total	mg/L	--	--	--	--	NS ⁷	4.0	Standard	--

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
40/72	UA	E009	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0075	Standard	--
40/72	UA	E009	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.04	Standard	--
40/72	UA	E009	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
40/72	UA	E009	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
40/72	UA	E009	pH (field)	SU	--	--	--	--	NS ⁷	6.5/9.0	Standard/Standard	--
40/72	UA	E009	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	5	Standard	--
40/72	UA	E009	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.05	Standard	--
40/72	UA	E009	Sulfate, total	mg/L	--	--	--	--	NS ⁷	400	Standard	--
40/72	UA	E009	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
40/72	UA	E009	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	1,200	Standard	--

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Notes:

-- = no data available

Compliance Result:

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

Exceedance: The statistical result exceeded the GWPS.

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

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

LGU = Lower Groundwater Unit

UA = Uppermost Aquifer

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

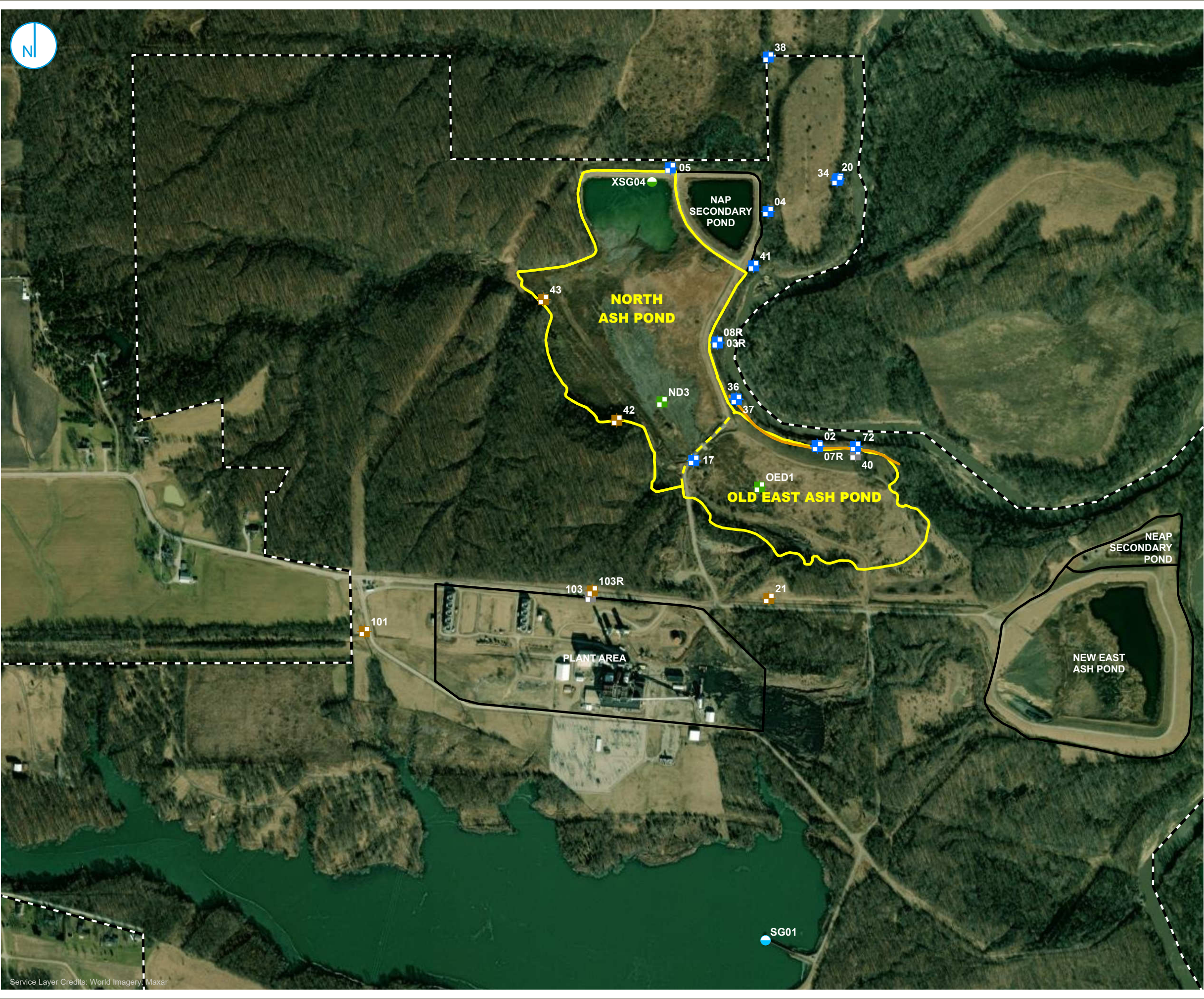
For pH, the values presented are the lower / upper limits

GWPS Source:

Background = background concentration

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

FIGURES



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- PORE WATER WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, RIVER
- CLOSED MONITORING WELL
- GROUNDWATER COLLECTION TRENCH (APPROXIMATE LOCATION)
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- PROPERTY BOUNDARY

NOTE:
MONITORING WELL 40 WAS CLOSED ON JUNE 4, 2024.
MONITORING WELL 72 WAS INSTALLED ON DECEMBER 4, 2024.
MONITORING WELL 103 WAS CLOSED ON DECEMBER 3, 2024.
MONITORING WELL 103R WAS INSTALLED ON NOVEMBER 20, 2024.

0 300 600
Feet

MONITORING WELL LOCATION MAP

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

NORTH ASH POND AND OLD EAST ASH POND
VERMILION POWER PLANT
OAKWOOD, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 2, 2025

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
02	Compliance	04/14/2025	18.07	575.89
03R	Compliance	04/14/2025	7.30	582.48
04	Compliance	04/14/2025	6.95	584.22
05	Compliance	04/14/2025	7.05	588.73
07R	Compliance	04/14/2025	17.15	577.39
08R	Compliance	04/14/2025	12.55	577.93
17	Compliance	04/14/2025	38.72	584.68
20	Compliance	04/14/2025	12.78	579.73
21	Background	04/14/2025	91.77	581.19
34	Compliance	04/14/2025	13.29	579.31
36	Compliance	04/14/2025	13.64	576.58
37	Compliance	04/14/2025	7.45	582.40
38	Compliance	04/14/2025	3.42	588.33
41	Compliance	04/14/2025	5.34	582.07
42	Background	04/14/2025	25.22	583.31
43	Background	04/14/2025	15.89	592.20
72	Compliance	04/14/2025	12.84	576.39
101	Background	04/14/2025	108.55	598.30
103R	Background	04/14/2025	136.60	582.72
ND3	Water Level	04/14/2025	15.28	599.29
OED1	Water Level	04/14/2025	43.74	586.77
XSG04	Water Level	04/14/2025	NA	586.90
SG01	Water Level	04/14/2025	16.72	675.86

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

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Brian Voelker
Vistra Energy Corp
133 S 4th, Suite 206
Springfield, Illinois 62701
Generated 06/10/25 12:03:45 Revision 1

JOB DESCRIPTION

VER-25Q2
VER_845_910-911

JOB NUMBER

500-266801-3

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



Authorized for release by
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(708)534-5200

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06/10/25 12:03:45
Revision 1

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

Laboratory Job ID: 500-266801-3
SDG: VER_845_910-911

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Case Narrative

Client: Vistra Energy Corp
Project: VER-25Q2

Job ID: 500-266801-3

Job ID: 500-266801-3

Eurofins Chicago

Job Narrative 500-266801-3

Revision

The report being provided is a revision of the original report sent on 05/08/25. The report (revision 1) is being revised due to: Correct Field conductivity for Well 42 (Sample #12) from 9.18 to 918.

Receipt

The samples were received on 04/15/25 12:15. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 1.7° C, 1.8° C, 2.5° C, 4.8° C, 5.1° C, 5.4° C, 5.5° C, 5.7° C and 5.8° C.

Metals

Method 200.7 Rev 4.4: The linear range check standard (LRC) for AD batch 814616 recovered high for Li. The high standard read back was within control limits and all reported sample results were below the high standard. The data have been reported. (LRC 500-814616/21)

Method 6020B: The following samples were diluted to bring the concentration of target analytes within the calibration range: 04 (500-266801-18), 07R (500-266801-19), 17 (500-266801-20), 36 (500-266801-27), 36 (500-266801-27[MS]), 36 (500-266801-27[MSD]), (500-266801-C-27-F DU ^10) and (500-266801-C-27-E SD ^50). Elevated reporting limits (RLs) are provided.

Method 6020B: The following samples were diluted to bring the concentration of target analytes within the calibration range: 03R (500-266801-5), 05 (500-266801-6), 05_FD (500-266801-7), 08R (500-266801-8), 04 (500-266801-18), 07R (500-266801-19), 17 (500-266801-20), 36 (500-266801-27), 36 (500-266801-27[MS]), 36 (500-266801-27[MSD]), (500-266801-C-27-F DU ^10) and (500-266801-C-27-E SD ^50). Elevated reporting limits (RLs) are provided.

Method 6020B: The initial low level calibration verification (ICVL) result for batch 500-814767 was above the upper control limit. The affected analyte is: Beryllium. Sample results were non-detects, and have been reported as qualified data.

Method 6020B: The following sample was diluted to bring the concentration of target analytes within the calibration range: ND3 (500-266801-29). Elevated reporting limits (RLs) are provided.

Method 6020B: The linear range check standard (LRC) for AD batch 815016 recovered high for Calcium. The high standard read back was within control limits and all reported sample results were below the high standard. The data have been reported. (LRC 500-815016/111)

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

General Chemistry

Method SM 2320B: The method blank for analytical batch 500-814948 contained Alkalinity, Bicarbonate Alkalinity as CaCO₃ and Carbonate Alkalinity as CaCO₃ above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore re-analysis of samples was not performed.

Method SM 2320B: Matrix Spike sample was used instead of the parent sample. Sample was not spiked and should still be a dupe of the parent sample and is reportable. (500-266801-A-27 MS)

Method 300.0: The matrix spike duplicate (MSD) recoveries and precision for analytical batch 500-814357 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

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

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Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 03R

Lab Sample ID: 500-266801-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.022		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.013		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.41		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Beryllium	0.00058	J	0.0010	0.00053	mg/L	1		6020B	Total Recoverable
Boron	29	B	1.0	0.25	mg/L	20		6020B	Total Recoverable
Cadmium	0.0030		0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	200		0.20	0.044	mg/L	1		6020B	Total Recoverable
Chromium	0.024		0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Cobalt	0.0073		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.018		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	69		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.41		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	6.6		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	110		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	24		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	670		20	9.4	mg/L	20		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	290		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1300		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.48		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	7.41				ft	1		Field Sampling	Total/NA
Field pH	7.04				SU	1		Field Sampling	Total/NA
Field Temperature	11.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-115.3				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.08				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1484				umhos/cm	1		Field Sampling	Total/NA
Turbidity	307.42				NTU	1		Field Sampling	Total/NA

Client Sample ID: 05

Lab Sample ID: 500-266801-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.098		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00027	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.031		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	10	B	0.50	0.13	mg/L	10		6020B	Total Recoverable
Calcium	130		0.20	0.044	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 05 (Continued)

Lab Sample ID: 500-266801-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.00078	J	0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Magnesium	30		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.038		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	11		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	24		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	6.7		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	220		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	290		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	630		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.62		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	7.05				ft	1		Field Sampling	Total/NA
Field pH	7.21				SU	1		Field Sampling	Total/NA
Field Temperature	10.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	36.6				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.04				mg/L	1		Field Sampling	Total/NA
Specific Conductance	824				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.02				NTU	1		Field Sampling	Total/NA

Client Sample ID: 05_FD

Lab Sample ID: 500-266801-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.096		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0028		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.032		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	10	B	0.50	0.13	mg/L	10		6020B	Total Recoverable
Calcium	130		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.00081	J	0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Magnesium	30		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.039		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	11		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	25		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	6.8		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	220		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	280		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	570		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.61		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	7.05				ft	1		Field Sampling	Total/NA
Field pH	7.21				SU	1		Field Sampling	Total/NA
Field Temperature	10.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	36.6				millivolts	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 05_FD (Continued)

Lab Sample ID: 500-266801-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Oxygen, Dissolved	0.04				mg/L	1		Field Sampling	Total/NA
Specific Conductance	824				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.02				NTU	1		Field Sampling	Total/NA

Client Sample ID: 08R

Lab Sample ID: 500-266801-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.28		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total
Arsenic	0.035		0.0010	0.00023	mg/L	1		6020B	Recoverable Total
Barium	0.12		0.0025	0.00073	mg/L	1		6020B	Recoverable Total
Boron	25	B	0.50	0.13	mg/L	10		6020B	Recoverable Total
Calcium	270		2.0	0.44	mg/L	10		6020B	Recoverable Total
Cobalt	0.00046	J	0.0010	0.00040	mg/L	1		6020B	Recoverable Total
Magnesium	39		0.20	0.049	mg/L	1		6020B	Recoverable Total
Molybdenum	0.21		0.0050	0.0025	mg/L	1		6020B	Recoverable Total
Potassium	15		0.50	0.11	mg/L	1		6020B	Recoverable Total
Sodium	25		0.20	0.077	mg/L	1		6020B	Recoverable Total
Chloride	5.5		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	670		50	23	mg/L	50		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	250		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1200		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.090	J	0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	12.71				ft	1		Field Sampling	Total/NA
Field pH	6.72				SU	1		Field Sampling	Total/NA
Field Temperature	10.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-46.3				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.09				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1309				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.45				NTU	1		Field Sampling	Total/NA

Client Sample ID: 38

Lab Sample ID: 500-266801-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.028		0.0010	0.00023	mg/L	1		6020B	Total
Barium	0.20		0.0025	0.00073	mg/L	1		6020B	Recoverable Total
Boron	0.45	B	0.050	0.013	mg/L	1		6020B	Recoverable Total
Calcium	74		0.20	0.044	mg/L	1		6020B	Recoverable Total
Lead	0.00028	J	0.00050	0.00019	mg/L	1		6020B	Recoverable Total
Magnesium	37		0.20	0.049	mg/L	1		6020B	Recoverable Total

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 38 (Continued)

Lab Sample ID: 500-266801-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	2.7		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	82		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	17		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	0.54	J	1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	510		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	0.38		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	3.45				ft	1		Field Sampling	Total/NA
Field pH	6.95				SU	1		Field Sampling	Total/NA
Field Temperature	11.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-120.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.64				mg/L	1		Field Sampling	Total/NA
Specific Conductance	902				umhos/cm	1		Field Sampling	Total/NA
Turbidity	18.62				NTU	1		Field Sampling	Total/NA

Client Sample ID: 41

Lab Sample ID: 500-266801-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.014		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.25		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.6	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	87		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	42		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.8		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	100		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	51		5.0	2.1	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	560		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	630		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.42		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	5.55				ft	1		Field Sampling	Total/NA
Field pH	7.09				SU	1		Field Sampling	Total/NA
Field Temperature	12.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	134.2				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.62				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1067				umhos/cm	1		Field Sampling	Total/NA
Turbidity	99.01				NTU	1		Field Sampling	Total/NA

Client Sample ID: 42

Lab Sample ID: 500-266801-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.019		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.16		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.69	B	0.050	0.013	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 42 (Continued)

Lab Sample ID: 500-266801-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	92		0.20	0.044	mg/L	1		6020B	Total Recoverable
Chromium	0.0011	J	0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Lead	0.00057		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	52		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.8		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	61		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	17		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	72		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	470		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	590		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.58		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	25.31				ft	1		Field Sampling	Total/NA
Field pH	7.29				SU	1		Field Sampling	Total/NA
Field Temperature	11.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-149.9				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.50				mg/L	1		Field Sampling	Total/NA
Specific Conductance	918				umhos/cm	1		Field Sampling	Total/NA
Turbidity	35.42				NTU	1		Field Sampling	Total/NA

Client Sample ID: 43

Lab Sample ID: 500-266801-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0084		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.023		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.51		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	1.1	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	75		0.20	0.044	mg/L	1		6020B	Total Recoverable
Lead	0.00033	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	43		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	5.2		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0012	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	110		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	76		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	25		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	620		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.50		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	16.75				ft	1		Field Sampling	Total/NA
Field pH	7.11				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 43 (Continued)

Lab Sample ID: 500-266801-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field Temperature	11.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-144.9				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.15				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1054				umhos/cm	1		Field Sampling	Total/NA
Turbidity	55.72				NTU	1		Field Sampling	Total/NA

Client Sample ID: 02

Lab Sample ID: 500-266801-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0075		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.22		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.38		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	98		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	41		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.6		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	88		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	44		2.0	0.84	mg/L	2		300.0	Total/NA
Sulfate	67		2.0	0.94	mg/L	2		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	450		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Carbonate Alkalinity as CaCO3	15		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	640		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.62		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	18.41				ft	1		Field Sampling	Total/NA
Field pH	7.71				SU	1		Field Sampling	Total/NA
Field Temperature	13.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-155.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.14				mg/L	1		Field Sampling	Total/NA
Specific Conductance	960				umhos/cm	1		Field Sampling	Total/NA
Turbidity	6.06				NTU	1		Field Sampling	Total/NA

Client Sample ID: 04

Lab Sample ID: 500-266801-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.040		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0049		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.19		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	7.6		0.25	0.064	mg/L	5		6020B	Total Recoverable
Calcium	63		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.00052	J	0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Magnesium	29		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.039		0.0050	0.0025	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 04 (Continued)

Lab Sample ID: 500-266801-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	6.1		0.50	0.11	mg/L	1		6020B	Total
									Recoverable
Sodium	24		0.20	0.077	mg/L	1		6020B	Total
									Recoverable
Chloride	9.2		2.0	0.84	mg/L	2		300.0	Total/NA
Sulfate	16		2.0	0.94	mg/L	2		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	1400		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	340		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.35		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	7.11				ft	1		Field Sampling	Total/NA
Field pH	7.43				SU	1		Field Sampling	Total/NA
Field Temperature	9.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-99.5				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.20				mg/L	1		Field Sampling	Total/NA
Specific Conductance	528				umhos/cm	1		Field Sampling	Total/NA
Turbidity	8.62				NTU	1		Field Sampling	Total/NA

Client Sample ID: 07R

Lab Sample ID: 500-266801-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.73		0.025	0.010	mg/L	5		200.7 Rev 4.4	Total
									Recoverable
Arsenic	0.013		0.0010	0.00023	mg/L	1		6020B	Total
									Recoverable
Barium	0.032		0.0025	0.00073	mg/L	1		6020B	Total
									Recoverable
Boron	44		1.0	0.25	mg/L	20		6020B	Total
									Recoverable
Calcium	770		4.0	0.89	mg/L	20		6020B	Total
									Recoverable
Cobalt	0.0020		0.0010	0.00040	mg/L	1		6020B	Total
									Recoverable
Magnesium	57		0.20	0.049	mg/L	1		6020B	Total
									Recoverable
Molybdenum	0.13		0.0050	0.0025	mg/L	1		6020B	Total
									Recoverable
Potassium	60		0.50	0.11	mg/L	1		6020B	Total
									Recoverable
Selenium	0.11		0.050	0.020	mg/L	20		6020B	Total
									Recoverable
Sodium	37		0.20	0.077	mg/L	1		6020B	Total
									Recoverable
Chloride	5.1		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	2100		100	47	mg/L	100		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	300		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	3100		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.064	J	0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	18.29				ft	1		Field Sampling	Total/NA
Field pH	6.91				SU	1		Field Sampling	Total/NA
Field Temperature	12.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	15.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	3.60				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2806				umhos/cm	1		Field Sampling	Total/NA
Turbidity	54.32				NTU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 17

Lab Sample ID: 500-266801-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.027		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0035		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.029		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	4.8		0.25	0.064	mg/L	5		6020B	Total Recoverable
Cadmium	0.00076		0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	370		1.0	0.22	mg/L	5		6020B	Total Recoverable
Cobalt	0.0016		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.0012		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	120		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0037	J	0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	3.3		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	32		0.20	0.077	mg/L	1		6020B	Total Recoverable
Thallium	0.0011	J	0.0020	0.00057	mg/L	1		6020B	Total Recoverable
Chloride	20		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	1300		100	47	mg/L	100		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	290		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2000		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.22		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	39.00				ft	1		Field Sampling	Total/NA
Field pH	6.71				SU	1		Field Sampling	Total/NA
Field Temperature	12.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	73.9				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.55				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1919				umhos/cm	1		Field Sampling	Total/NA
Turbidity	58.26				NTU	1		Field Sampling	Total/NA

Client Sample ID: 20

Lab Sample ID: 500-266801-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.020		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0012		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.020		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	1.8		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	100		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	42		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	0.98		0.50	0.11	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection SummaryClient: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911**Client Sample ID: 20 (Continued)****Lab Sample ID: 500-266801-21**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	11		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	3.7		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	86		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	320		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	500		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.079	J	0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	13.05				ft	1		Field Sampling	Total/NA
Field pH	6.92				SU	1		Field Sampling	Total/NA
Field Temperature	10.0				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	65.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.16				mg/L	1		Field Sampling	Total/NA
Specific Conductance	662				umhos/cm	1		Field Sampling	Total/NA
Turbidity	58.29				NTU	1		Field Sampling	Total/NA

Client Sample ID: 20_FD**Lab Sample ID: 500-266801-22**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.022		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00097	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.021		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.0		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	100		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	43		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	1.0		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	11		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	3.9		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	93		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	340		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	450		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.080	J	0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	13.05				ft	1		Field Sampling	Total/NA
Field pH	6.92				SU	1		Field Sampling	Total/NA
Field Temperature	10.0				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	65.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.16				mg/L	1		Field Sampling	Total/NA
Specific Conductance	662				umhos/cm	1		Field Sampling	Total/NA
Turbidity	58.29				NTU	1		Field Sampling	Total/NA

Client Sample ID: 21**Lab Sample ID: 500-266801-23**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.054		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.11		0.0025	0.00073	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 21 (Continued)

Lab Sample ID: 500-266801-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.86		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	62		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	30		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0035	J	0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	2.2		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	55		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	1.7		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	2.9		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	360		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	390		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	1.1		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	91.20				ft	1		Field Sampling	Total/NA
Field pH	7.22				SU	1		Field Sampling	Total/NA
Field Temperature	12.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-92.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.97				mg/L	1		Field Sampling	Total/NA
Specific Conductance	624				umhos/cm	1		Field Sampling	Total/NA
Turbidity	17.03				NTU	1		Field Sampling	Total/NA

Client Sample ID: 34

Lab Sample ID: 500-266801-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0026	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.024		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.15		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.51		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	70		0.20	0.044	mg/L	1		6020B	Total Recoverable
Chromium	0.0011	J	0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Lead	0.00051		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	38		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.4		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	80		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	35		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	1.4		1.0	0.47	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	470		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	450		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.70		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	13.68				ft	1		Field Sampling	Total/NA
Field pH	7.00				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 34 (Continued)

Lab Sample ID: 500-266801-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field Temperature	11.5				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-77.1				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.56				mg/L	1		Field Sampling	Total/NA
Specific Conductance	864				umhos/cm	1		Field Sampling	Total/NA
Turbidity	51.02				NTU	1		Field Sampling	Total/NA

Client Sample ID: 36

Lab Sample ID: 500-266801-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.26		0.025	0.010	mg/L	5		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0023		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.048		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	16		0.50	0.13	mg/L	10		6020B	Total Recoverable
Calcium	460		2.0	0.44	mg/L	10		6020B	Total Recoverable
Magnesium	61		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.19		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	24		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	29		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	12		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	1400	F2 F1	100	47	mg/L	100		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	120		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1900		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.21		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	14.05				ft	1		Field Sampling	Total/NA
Field pH	7.37				SU	1		Field Sampling	Total/NA
Field Temperature	11.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-42.2				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.22				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1963				umhos/cm	1		Field Sampling	Total/NA
Turbidity	19.41				NTU	1		Field Sampling	Total/NA

Client Sample ID: 37

Lab Sample ID: 500-266801-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0026	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.037		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.34		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	1.9		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	130		0.20	0.044	mg/L	1		6020B	Total Recoverable
Lead	0.00021	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 37 (Continued)

Lab Sample ID: 500-266801-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	65		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.9		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	95		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	45		10	4.2	mg/L	10		300.0	Total/NA
Sulfate	350		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	390		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	850		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.60		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	7.65				ft	1		Field Sampling	Total/NA
Field pH	6.93				SU	1		Field Sampling	Total/NA
Field Temperature	12.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-93.1				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.17				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1302				umhos/cm	1		Field Sampling	Total/NA
Turbidity	41.22				NTU	1		Field Sampling	Total/NA

Client Sample ID: ND3

Lab Sample ID: 500-266801-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.61		0.025	0.010	mg/L	5		200.7 Rev 4.4	Total Recoverable
Antimony	0.0094		0.0030	0.0013	mg/L	1		6020B	Total Recoverable
Arsenic	0.12		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.026		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	36		1.0	0.25	mg/L	20		6020B	Total Recoverable
Calcium	420 ^5-		4.0	0.89	mg/L	20		6020B	Total Recoverable
Lead	0.0022		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	53		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.27		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	64		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.11		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	45		0.20	0.077	mg/L	1		6020B	Total Recoverable
Thallium	0.0044		0.0020	0.00057	mg/L	1		6020B	Total Recoverable
Chloride	3.9		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	1300		100	47	mg/L	100		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	130		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2200		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.13		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	15.19				ft	1		Field Sampling	Total/NA
Field pH	7.63				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

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

Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: ND3 (Continued)

Lab Sample ID: 500-266801-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field Temperature	12.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	5.3				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.24				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2014				umhos/cm	1		Field Sampling	Total/NA
Turbidity	31.21				NTU	1		Field Sampling	Total/NA

Client Sample ID: XSG04

Lab Sample ID: 500-266801-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	586.9				ft	1		Field Sampling	Total/NA

Client Sample ID: YSG01

Lab Sample ID: 500-266801-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	16.72				ft	1		Field Sampling	Total/NA

Method Summary

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

Job ID: 500-266801-3
SDG: VER_845_910-911

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: VER-25Q2

Job ID: 500-266801-3
SDG: VER_845_910-911

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-266801-5	03R	Water	04/15/25 11:00	04/16/25 12:36
500-266801-6	05	Water	04/15/25 14:25	04/16/25 12:36
500-266801-7	05_FD	Water	04/15/25 14:30	04/16/25 12:36
500-266801-8	08R	Water	04/15/25 11:30	04/16/25 12:36
500-266801-10	38	Water	04/15/25 15:05	04/16/25 12:36
500-266801-11	41	Water	04/15/25 14:05	04/16/25 12:36
500-266801-12	42	Water	04/15/25 16:20	04/16/25 12:36
500-266801-13	43	Water	04/15/25 15:30	04/16/25 12:36
500-266801-17	02	Water	04/16/25 14:00	04/17/25 11:45
500-266801-18	04	Water	04/16/25 08:15	04/17/25 11:45
500-266801-19	07R	Water	04/16/25 14:40	04/17/25 11:45
500-266801-20	17	Water	04/16/25 14:20	04/17/25 11:45
500-266801-21	20	Water	04/16/25 09:35	04/17/25 11:45
500-266801-22	20_FD	Water	04/16/25 09:45	04/17/25 11:45
500-266801-23	21	Water	04/16/25 11:50	04/17/25 11:45
500-266801-26	34	Water	04/16/25 10:15	04/17/25 11:45
500-266801-27	36	Water	04/17/25 08:20	04/17/25 11:45
500-266801-28	37	Water	04/16/25 15:20	04/17/25 11:45
500-266801-29	ND3	Water	04/16/25 10:25	04/17/25 11:45
500-266801-33	XSG04	Water	04/14/25 10:12	04/15/25 07:39
500-266801-34	YSG01	Water	04/14/25 09:33	04/15/25 07:39



Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 03R

Lab Sample ID: 500-266801-5

Date Collected: 04/15/25 11:00

Matrix: Water

Date Received: 04/16/25 12:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.022		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/17/25 07:52	04/22/25 13:47	1
Arsenic	0.013		0.0010	0.00023	mg/L		04/17/25 07:52	04/22/25 13:47	1
Barium	0.41		0.0025	0.00073	mg/L		04/17/25 07:52	04/22/25 13:47	1
Beryllium	0.00058	J	0.0010	0.00053	mg/L		04/17/25 07:52	04/22/25 13:47	1
Boron	29	B	1.0	0.25	mg/L		04/17/25 07:52	04/22/25 18:38	20
Cadmium	0.0030		0.00050	0.00017	mg/L		04/17/25 07:52	04/22/25 13:47	1
Calcium	200		0.20	0.044	mg/L		04/17/25 07:52	04/22/25 13:47	1
Chromium	0.024		0.0050	0.0011	mg/L		04/17/25 07:52	04/22/25 13:47	1
Cobalt	0.0073		0.0010	0.00040	mg/L		04/17/25 07:52	04/22/25 13:47	1
Lead	0.018		0.00050	0.00019	mg/L		04/17/25 07:52	04/22/25 13:47	1
Magnesium	69		0.20	0.049	mg/L		04/17/25 07:52	04/22/25 13:47	1
Molybdenum	0.41		0.0050	0.0025	mg/L		04/17/25 07:52	04/22/25 13:47	1
Potassium	6.6		0.50	0.11	mg/L		04/17/25 07:52	04/22/25 13:47	1
Selenium	0.0013	J	0.0025	0.00098	mg/L		04/17/25 07:52	04/22/25 13:47	1
Sodium	110		0.20	0.077	mg/L		04/17/25 07:52	04/22/25 13:47	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/17/25 07:52	04/22/25 13:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 09:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	24		1.0	0.42	mg/L			04/17/25 20:11	1
Sulfate (EPA 300.0)	670		20	9.4	mg/L			04/17/25 20:23	20
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	290		5.0	3.7	mg/L			04/23/25 11:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/23/25 11:15	1
Total Dissolved Solids (SM 2540C)	1300		10	4.3	mg/L			04/19/25 21:32	1
Fluoride (SM 4500 F C)	0.48		0.10	0.056	mg/L			04/22/25 14:44	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	7.41				ft			04/15/25 11:00	1
Field pH	7.04				SU			04/15/25 11:00	1
Field Temperature	11.4				Degrees C			04/15/25 11:00	1
Oxidation Reduction Potential	-115.3				millivolts			04/15/25 11:00	1
Oxygen, Dissolved	1.08				mg/L			04/15/25 11:00	1
Specific Conductance	1484				umhos/cm			04/15/25 11:00	1
Turbidity	307.42				NTU			04/15/25 11:00	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 05

Lab Sample ID: 500-266801-6

Date Collected: 04/15/25 14:25

Matrix: Water

Date Received: 04/16/25 12:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.098		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 02:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/17/25 07:52	04/22/25 14:09	1
Arsenic	0.00027	J	0.0010	0.00023	mg/L		04/17/25 07:52	04/22/25 14:09	1
Barium	0.031		0.0025	0.00073	mg/L		04/17/25 07:52	04/22/25 14:09	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/17/25 07:52	04/22/25 14:09	1
Boron	10	B	0.50	0.13	mg/L		04/17/25 07:52	04/22/25 18:41	10
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/17/25 07:52	04/22/25 14:09	1
Calcium	130		0.20	0.044	mg/L		04/17/25 07:52	04/22/25 14:09	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/17/25 07:52	04/22/25 14:09	1
Cobalt	0.00078	J	0.0010	0.00040	mg/L		04/17/25 07:52	04/22/25 14:09	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/17/25 07:52	04/22/25 14:09	1
Magnesium	30		0.20	0.049	mg/L		04/17/25 07:52	04/22/25 14:09	1
Molybdenum	0.038		0.0050	0.0025	mg/L		04/17/25 07:52	04/22/25 14:09	1
Potassium	11		0.50	0.11	mg/L		04/17/25 07:52	04/22/25 14:09	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/17/25 07:52	04/22/25 14:09	1
Sodium	24		0.20	0.077	mg/L		04/17/25 07:52	04/22/25 14:09	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/17/25 07:52	04/22/25 14:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 09:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	6.7		1.0	0.42	mg/L			04/17/25 20:34	1
Sulfate (EPA 300.0)	220		10	4.7	mg/L			04/17/25 20:46	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	290		5.0	3.7	mg/L			04/23/25 11:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/23/25 11:23	1
Total Dissolved Solids (SM 2540C)	630		10	4.3	mg/L			04/19/25 21:35	1
Fluoride (SM 4500 F C)	0.62		0.10	0.056	mg/L			04/22/25 14:47	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	7.05				ft			04/15/25 14:25	1
Field pH	7.21				SU			04/15/25 14:25	1
Field Temperature	10.6				Degrees C			04/15/25 14:25	1
Oxidation Reduction Potential	36.6				millivolts			04/15/25 14:25	1
Oxygen, Dissolved	0.04				mg/L			04/15/25 14:25	1
Specific Conductance	824				umhos/cm			04/15/25 14:25	1
Turbidity	3.02				NTU			04/15/25 14:25	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 05_FD

Lab Sample ID: 500-266801-7

Date Collected: 04/15/25 14:30

Matrix: Water

Date Received: 04/16/25 12:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.096		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 02:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/17/25 07:52	04/22/25 14:16	1
Arsenic	0.0028		0.0010	0.00023	mg/L		04/17/25 07:52	04/22/25 14:16	1
Barium	0.032		0.0025	0.00073	mg/L		04/17/25 07:52	04/22/25 14:16	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/17/25 07:52	04/22/25 14:16	1
Boron	10	B	0.50	0.13	mg/L		04/17/25 07:52	04/22/25 18:43	10
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/17/25 07:52	04/22/25 14:16	1
Calcium	130		0.20	0.044	mg/L		04/17/25 07:52	04/22/25 14:16	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/17/25 07:52	04/22/25 14:16	1
Cobalt	0.00081	J	0.0010	0.00040	mg/L		04/17/25 07:52	04/22/25 14:16	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/17/25 07:52	04/22/25 14:16	1
Magnesium	30		0.20	0.049	mg/L		04/17/25 07:52	04/22/25 14:16	1
Molybdenum	0.039		0.0050	0.0025	mg/L		04/17/25 07:52	04/22/25 14:16	1
Potassium	11		0.50	0.11	mg/L		04/17/25 07:52	04/22/25 14:16	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/17/25 07:52	04/22/25 14:16	1
Sodium	25		0.20	0.077	mg/L		04/17/25 07:52	04/22/25 14:16	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/17/25 07:52	04/22/25 14:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 09:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	6.8		1.0	0.42	mg/L			04/17/25 20:58	1
Sulfate (EPA 300.0)	220		10	4.7	mg/L			04/17/25 21:09	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	280		5.0	3.7	mg/L			04/23/25 11:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/23/25 11:32	1
Total Dissolved Solids (SM 2540C)	570		10	4.3	mg/L			04/19/25 21:37	1
Fluoride (SM 4500 F C)	0.61		0.10	0.056	mg/L			04/22/25 14:50	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	7.05				ft			04/15/25 14:30	1
Field pH	7.21				SU			04/15/25 14:30	1
Field Temperature	10.6				Degrees C			04/15/25 14:30	1
Oxidation Reduction Potential	36.6				millivolts			04/15/25 14:30	1
Oxygen, Dissolved	0.04				mg/L			04/15/25 14:30	1
Specific Conductance	824				umhos/cm			04/15/25 14:30	1
Turbidity	3.02				NTU			04/15/25 14:30	1

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Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 08R

Lab Sample ID: 500-266801-8

Date Collected: 04/15/25 11:30

Matrix: Water

Date Received: 04/16/25 12:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.28		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 03:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/17/25 07:52	04/22/25 14:24	1
Arsenic	0.035		0.0010	0.00023	mg/L		04/17/25 07:52	04/22/25 14:24	1
Barium	0.12		0.0025	0.00073	mg/L		04/17/25 07:52	04/22/25 14:24	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/17/25 07:52	04/22/25 14:24	1
Boron	25	B	0.50	0.13	mg/L		04/17/25 07:52	04/22/25 18:46	10
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/17/25 07:52	04/22/25 14:24	1
Calcium	270		2.0	0.44	mg/L		04/17/25 07:52	04/22/25 18:46	10
Chromium	<0.0050		0.0050	0.0011	mg/L		04/17/25 07:52	04/22/25 14:24	1
Cobalt	0.00046	J	0.0010	0.00040	mg/L		04/17/25 07:52	04/22/25 14:24	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/17/25 07:52	04/22/25 14:24	1
Magnesium	39		0.20	0.049	mg/L		04/17/25 07:52	04/22/25 14:24	1
Molybdenum	0.21		0.0050	0.0025	mg/L		04/17/25 07:52	04/22/25 14:24	1
Potassium	15		0.50	0.11	mg/L		04/17/25 07:52	04/22/25 14:24	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/17/25 07:52	04/22/25 14:24	1
Sodium	25		0.20	0.077	mg/L		04/17/25 07:52	04/22/25 14:24	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/17/25 07:52	04/22/25 14:24	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		04/25/25 09:55	04/28/25 09:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	5.5		1.0	0.42	mg/L			04/17/25 21:21	1
Sulfate (EPA 300.0)	670		50	23	mg/L			04/17/25 21:32	50
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	250		5.0	3.7	mg/L			04/23/25 11:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/23/25 11:41	1
Total Dissolved Solids (SM 2540C)	1200		10	4.3	mg/L			04/19/25 21:40	1
Fluoride (SM 4500 F C)	0.090	J	0.10	0.056	mg/L			04/22/25 14:54	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	12.71				ft			04/15/25 11:30	1
Field pH	6.72				SU			04/15/25 11:30	1
Field Temperature	10.7				Degrees C			04/15/25 11:30	1
Oxidation Reduction Potential	-46.3				millivolts			04/15/25 11:30	1
Oxygen, Dissolved	0.09				mg/L			04/15/25 11:30	1
Specific Conductance	1309				umhos/cm			04/15/25 11:30	1
Turbidity	3.45				NTU			04/15/25 11:30	1

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Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 38

Lab Sample ID: 500-266801-10

Date Collected: 04/15/25 15:05

Matrix: Water

Date Received: 04/16/25 12:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 03:20	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		04/17/25 07:52	04/22/25 14:36	1
Arsenic	0.028		0.0010	0.00023	mg/L		04/17/25 07:52	04/22/25 14:36	1
Barium	0.20		0.0025	0.00073	mg/L		04/17/25 07:52	04/22/25 14:36	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/17/25 07:52	04/22/25 14:36	1
Boron	0.45	B	0.050	0.013	mg/L		04/17/25 07:52	04/22/25 18:50	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/17/25 07:52	04/22/25 14:36	1
Calcium	74		0.20	0.044	mg/L		04/17/25 07:52	04/22/25 14:36	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/17/25 07:52	04/22/25 14:36	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/17/25 07:52	04/22/25 14:36	1
Lead	0.00028	J	0.00050	0.00019	mg/L		04/17/25 07:52	04/22/25 14:36	1
Magnesium	37		0.20	0.049	mg/L		04/17/25 07:52	04/22/25 14:36	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/17/25 07:52	04/22/25 14:36	1
Potassium	2.7		0.50	0.11	mg/L		04/17/25 07:52	04/22/25 14:36	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/17/25 07:52	04/22/25 14:36	1
Sodium	82		0.20	0.077	mg/L		04/17/25 07:52	04/22/25 14:36	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/17/25 07:52	04/22/25 14:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 09:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	17		1.0	0.42	mg/L			04/17/25 22:19	1
Sulfate (EPA 300.0)	0.54	J	1.0	0.47	mg/L			04/17/25 22:19	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	510		5.0	3.7	mg/L			04/23/25 12:00	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/23/25 12:00	1
Total Dissolved Solids (SM 2540C)	440		10	4.3	mg/L			04/19/25 21:45	1
Fluoride (SM 4500 F C)	0.38		0.10	0.056	mg/L			04/22/25 15:10	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	3.45				ft			04/15/25 15:05	1
Field pH	6.95				SU			04/15/25 15:05	1
Field Temperature	11.3				Degrees C			04/15/25 15:05	1
Oxidation Reduction Potential	-120.7				millivolts			04/15/25 15:05	1
Oxygen, Dissolved	0.64				mg/L			04/15/25 15:05	1
Specific Conductance	902				umhos/cm			04/15/25 15:05	1
Turbidity	18.62				NTU			04/15/25 15:05	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 41

Lab Sample ID: 500-266801-11

Date Collected: 04/15/25 14:05

Matrix: Water

Date Received: 04/16/25 12:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 03:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/17/25 07:52	04/22/25 14:38	1
Arsenic	0.014		0.0010	0.00023	mg/L		04/17/25 07:52	04/22/25 14:38	1
Barium	0.25		0.0025	0.00073	mg/L		04/17/25 07:52	04/22/25 14:38	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/17/25 07:52	04/22/25 14:38	1
Boron	2.6	B	0.050	0.013	mg/L		04/17/25 07:52	04/22/25 18:58	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/17/25 07:52	04/22/25 14:38	1
Calcium	87		0.20	0.044	mg/L		04/17/25 07:52	04/22/25 14:38	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/17/25 07:52	04/22/25 14:38	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/17/25 07:52	04/22/25 14:38	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/17/25 07:52	04/22/25 14:38	1
Magnesium	42		0.20	0.049	mg/L		04/17/25 07:52	04/22/25 14:38	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/17/25 07:52	04/22/25 14:38	1
Potassium	2.8		0.50	0.11	mg/L		04/17/25 07:52	04/22/25 14:38	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/17/25 07:52	04/22/25 14:38	1
Sodium	100		0.20	0.077	mg/L		04/17/25 07:52	04/22/25 14:38	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/17/25 07:52	04/22/25 14:38	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		04/25/25 09:55	04/28/25 09:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	51		5.0	2.1	mg/L			04/19/25 15:31	5
Sulfate (EPA 300.0)	<1.0		1.0	0.47	mg/L			04/17/25 22:30	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	560		5.0	3.7	mg/L			04/23/25 12:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/23/25 12:11	1
Total Dissolved Solids (SM 2540C)	630		10	4.3	mg/L			04/19/25 21:48	1
Fluoride (SM 4500 F C)	0.42		0.10	0.056	mg/L			04/22/25 15:13	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	5.55				ft			04/15/25 14:05	1
Field pH	7.09				SU			04/15/25 14:05	1
Field Temperature	12.1				Degrees C			04/15/25 14:05	1
Oxidation Reduction Potential	134.2				millivolts			04/15/25 14:05	1
Oxygen, Dissolved	0.62				mg/L			04/15/25 14:05	1
Specific Conductance	1067				umhos/cm			04/15/25 14:05	1
Turbidity	99.01				NTU			04/15/25 14:05	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 42

Lab Sample ID: 500-266801-12

Date Collected: 04/15/25 16:20

Matrix: Water

Date Received: 04/16/25 12:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 03:30	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		04/17/25 07:52	04/22/25 14:41	1
Arsenic	0.019		0.0010	0.00023	mg/L		04/17/25 07:52	04/22/25 14:41	1
Barium	0.16		0.0025	0.00073	mg/L		04/17/25 07:52	04/22/25 14:41	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/17/25 07:52	04/22/25 14:41	1
Boron	0.69	B	0.050	0.013	mg/L		04/17/25 07:52	04/22/25 19:00	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/17/25 07:52	04/22/25 14:41	1
Calcium	92		0.20	0.044	mg/L		04/17/25 07:52	04/22/25 14:41	1
Chromium	0.0011	J	0.0050	0.0011	mg/L		04/17/25 07:52	04/22/25 14:41	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/17/25 07:52	04/22/25 14:41	1
Lead	0.00057		0.00050	0.00019	mg/L		04/17/25 07:52	04/22/25 14:41	1
Magnesium	52		0.20	0.049	mg/L		04/17/25 07:52	04/22/25 14:41	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/17/25 07:52	04/22/25 14:41	1
Potassium	2.8		0.50	0.11	mg/L		04/17/25 07:52	04/22/25 14:41	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/17/25 07:52	04/22/25 14:41	1
Sodium	61		0.20	0.077	mg/L		04/17/25 07:52	04/22/25 14:41	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/17/25 07:52	04/22/25 14:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	17		1.0	0.42	mg/L			04/17/25 22:42	1
Sulfate (EPA 300.0)	72		5.0	2.3	mg/L			04/19/25 16:06	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	470		5.0	3.7	mg/L			04/23/25 12:21	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/23/25 12:21	1
Total Dissolved Solids (SM 2540C)	590		10	4.3	mg/L			04/19/25 21:50	1
Fluoride (SM 4500 F C)	0.58		0.10	0.056	mg/L			04/22/25 15:17	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	25.31				ft			04/15/25 16:20	1
Field pH	7.29				SU			04/15/25 16:20	1
Field Temperature	11.3				Degrees C			04/15/25 16:20	1
Oxidation Reduction Potential	-149.9				millivolts			04/15/25 16:20	1
Oxygen, Dissolved	0.50				mg/L			04/15/25 16:20	1
Specific Conductance	918				umhos/cm			04/15/25 16:20	1
Turbidity	35.42				NTU			04/15/25 16:20	1

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Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 43

Lab Sample ID: 500-266801-13

Date Collected: 04/15/25 15:30

Matrix: Water

Date Received: 04/16/25 12:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0084		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 03:34	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		04/17/25 07:52	04/22/25 19:03	1
Arsenic	0.023		0.0010	0.00023	mg/L		04/17/25 07:52	04/22/25 19:03	1
Barium	0.51		0.0025	0.00073	mg/L		04/17/25 07:52	04/22/25 19:03	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/17/25 07:52	04/22/25 19:03	1
Boron	1.1	B	0.050	0.013	mg/L		04/17/25 07:52	04/22/25 19:03	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/17/25 07:52	04/22/25 19:03	1
Calcium	75		0.20	0.044	mg/L		04/17/25 07:52	04/22/25 19:03	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/17/25 07:52	04/22/25 19:03	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/17/25 07:52	04/22/25 19:03	1
Lead	0.00033	J	0.00050	0.00019	mg/L		04/17/25 07:52	04/22/25 19:03	1
Magnesium	43		0.20	0.049	mg/L		04/17/25 07:52	04/22/25 19:03	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/17/25 07:52	04/22/25 19:03	1
Potassium	5.2		0.50	0.11	mg/L		04/17/25 07:52	04/22/25 19:03	1
Selenium	0.0012	J	0.0025	0.00098	mg/L		04/17/25 07:52	04/22/25 19:03	1
Sodium	110		0.20	0.077	mg/L		04/17/25 07:52	04/22/25 19:03	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/17/25 07:52	04/22/25 19:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	76		10	4.2	mg/L			04/17/25 22:54	10
Sulfate (EPA 300.0)	25		10	4.7	mg/L			04/17/25 22:54	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	490		5.0	3.7	mg/L			04/23/25 12:31	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/23/25 12:31	1
Total Dissolved Solids (SM 2540C)	620		10	4.3	mg/L			04/19/25 21:53	1
Fluoride (SM 4500 F C)	0.50		0.10	0.056	mg/L			04/22/25 15:20	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	16.75				ft			04/15/25 15:30	1
Field pH	7.11				SU			04/15/25 15:30	1
Field Temperature	11.8				Degrees C			04/15/25 15:30	1
Oxidation Reduction Potential	-144.9				millivolts			04/15/25 15:30	1
Oxygen, Dissolved	0.15				mg/L			04/15/25 15:30	1
Specific Conductance	1054				umhos/cm			04/15/25 15:30	1
Turbidity	55.72				NTU			04/15/25 15:30	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 02

Lab Sample ID: 500-266801-17

Date Collected: 04/16/25 14:00

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 04:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 17:42	1
Arsenic	0.0075		0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 17:42	1
Barium	0.22		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 17:42	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 17:42	1
Boron	0.38		0.050	0.013	mg/L		04/18/25 16:33	04/22/25 17:57	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 17:42	1
Calcium	98		0.20	0.044	mg/L		04/18/25 16:33	04/21/25 17:42	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 17:42	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 17:42	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 17:42	1
Magnesium	41		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 17:42	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 17:42	1
Potassium	2.6		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 17:42	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/18/25 16:33	04/22/25 12:55	1
Sodium	88		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 17:42	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 17:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 09:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	44		2.0	0.84	mg/L			04/19/25 16:17	2
Sulfate (EPA 300.0)	67		2.0	0.94	mg/L			04/19/25 16:17	2
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	450		5.0	3.7	mg/L			04/30/25 01:16	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	15		5.0	3.7	mg/L			04/30/25 01:16	1
Total Dissolved Solids (SM 2540C)	640		10	4.3	mg/L			04/22/25 01:06	1
Fluoride (SM 4500 F C)	0.62		0.10	0.056	mg/L			04/22/25 15:48	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	18.41				ft			04/16/25 14:00	1
Field pH	7.71				SU			04/16/25 14:00	1
Field Temperature	13.1				Degrees C			04/16/25 14:00	1
Oxidation Reduction Potential	-155.7				millivolts			04/16/25 14:00	1
Oxygen, Dissolved	0.14				mg/L			04/16/25 14:00	1
Specific Conductance	960				umhos/cm			04/16/25 14:00	1
Turbidity	6.06				NTU			04/16/25 14:00	1

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Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 04

Lab Sample ID: 500-266801-18

Date Collected: 04/16/25 08:15

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.040		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 04:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 17:44	1
Arsenic	0.0049		0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 17:44	1
Barium	0.19		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 17:44	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 17:44	1
Boron	7.6		0.25	0.064	mg/L		04/18/25 16:33	04/22/25 18:04	5
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 17:44	1
Calcium	63		0.20	0.044	mg/L		04/18/25 16:33	04/21/25 17:44	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 17:44	1
Cobalt	0.00052	J	0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 17:44	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 17:44	1
Magnesium	29		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 17:44	1
Molybdenum	0.039		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 17:44	1
Potassium	6.1		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 17:44	1
Selenium	<0.013		0.013	0.0049	mg/L		04/18/25 16:33	04/22/25 12:58	5
Sodium	24		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 17:44	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 17:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 09:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	9.2		2.0	0.84	mg/L			04/19/25 16:29	2
Sulfate (EPA 300.0)	16		2.0	0.94	mg/L			04/19/25 16:29	2
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	1400		5.0	3.7	mg/L			04/30/25 01:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/30/25 01:27	1
Total Dissolved Solids (SM 2540C)	340		10	4.3	mg/L			04/22/25 01:08	1
Fluoride (SM 4500 F C)	0.35		0.10	0.056	mg/L			04/22/25 15:52	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	7.11				ft			04/16/25 08:15	1
Field pH	7.43				SU			04/16/25 08:15	1
Field Temperature	9.2				Degrees C			04/16/25 08:15	1
Oxidation Reduction Potential	-99.5				millivolts			04/16/25 08:15	1
Oxygen, Dissolved	0.20				mg/L			04/16/25 08:15	1
Specific Conductance	528				umhos/cm			04/16/25 08:15	1
Turbidity	8.62				NTU			04/16/25 08:15	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 07R

Lab Sample ID: 500-266801-19

Date Collected: 04/16/25 14:40

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.73		0.025	0.010	mg/L		04/18/25 08:27	04/23/25 06:10	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 17:51	1
Arsenic	0.013		0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 17:51	1
Barium	0.032		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 17:51	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 17:51	1
Boron	44		1.0	0.25	mg/L		04/18/25 16:33	04/22/25 18:07	20
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 17:51	1
Calcium	770		4.0	0.89	mg/L		04/18/25 16:33	04/22/25 13:01	20
Chromium	<0.0050		0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 17:51	1
Cobalt	0.0020		0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 17:51	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 17:51	1
Magnesium	57		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 17:51	1
Molybdenum	0.13		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 17:51	1
Potassium	60		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 17:51	1
Selenium	0.11		0.050	0.020	mg/L		04/18/25 16:33	04/22/25 13:01	20
Sodium	37		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 17:51	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 17:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	5.1		1.0	0.42	mg/L			04/19/25 16:40	1
Sulfate (EPA 300.0)	2100		100	47	mg/L			04/19/25 16:52	100
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	300		5.0	3.7	mg/L			04/30/25 01:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/30/25 01:37	1
Total Dissolved Solids (SM 2540C)	3100		10	4.3	mg/L			04/22/25 01:11	1
Fluoride (SM 4500 F C)	0.064 J		0.10	0.056	mg/L			04/22/25 15:55	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	18.29				ft			04/16/25 14:40	1
Field pH	6.91				SU			04/16/25 14:40	1
Field Temperature	12.1				Degrees C			04/16/25 14:40	1
Oxidation Reduction Potential	15.7				millivolts			04/16/25 14:40	1
Oxygen, Dissolved	3.60				mg/L			04/16/25 14:40	1
Specific Conductance	2806				umhos/cm			04/16/25 14:40	1
Turbidity	54.32				NTU			04/16/25 14:40	1

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Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 17

Lab Sample ID: 500-266801-20

Date Collected: 04/16/25 14:20

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.027		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 04:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 18:13	1
Arsenic	0.0035		0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 18:13	1
Barium	0.029		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 18:13	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 18:13	1
Boron	4.8		0.25	0.064	mg/L		04/18/25 16:33	04/22/25 18:09	5
Cadmium	0.00076		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 18:13	1
Calcium	370		1.0	0.22	mg/L		04/18/25 16:33	04/22/25 13:08	5
Chromium	<0.0050		0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 18:13	1
Cobalt	0.0016		0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 18:13	1
Lead	0.0012		0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 18:13	1
Magnesium	120		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 18:13	1
Molybdenum	0.0037 J		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 18:13	1
Potassium	3.3		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 18:13	1
Selenium	<0.013		0.013	0.0049	mg/L		04/18/25 16:33	04/22/25 13:08	5
Sodium	32		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 18:13	1
Thallium	0.0011 J		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 18:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 10:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	20		1.0	0.42	mg/L			04/19/25 17:27	1
Sulfate (EPA 300.0)	1300		100	47	mg/L			04/19/25 17:38	100
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	290		5.0	3.7	mg/L			04/30/25 01:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/30/25 01:47	1
Total Dissolved Solids (SM 2540C)	2000		10	4.3	mg/L			04/22/25 01:13	1
Fluoride (SM 4500 F C)	0.22		0.10	0.056	mg/L			04/30/25 11:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	39.00				ft			04/16/25 14:20	1
Field pH	6.71				SU			04/16/25 14:20	1
Field Temperature	12.7				Degrees C			04/16/25 14:20	1
Oxidation Reduction Potential	73.9				millivolts			04/16/25 14:20	1
Oxygen, Dissolved	1.55				mg/L			04/16/25 14:20	1
Specific Conductance	1919				umhos/cm			04/16/25 14:20	1
Turbidity	58.26				NTU			04/16/25 14:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 20

Lab Sample ID: 500-266801-21

Date Collected: 04/16/25 09:35

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.020		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 04:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 18:16	1
Arsenic	0.0012		0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 18:16	1
Barium	0.020		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 18:16	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 18:16	1
Boron	1.8		0.050	0.013	mg/L		04/18/25 16:33	04/22/25 18:12	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 18:16	1
Calcium	100		0.20	0.044	mg/L		04/18/25 16:33	04/21/25 18:16	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 18:16	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 18:16	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 18:16	1
Magnesium	42		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 18:16	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 18:16	1
Potassium	0.98		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 18:16	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/18/25 16:33	04/22/25 13:20	1
Sodium	11		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 18:16	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 18:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 10:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	3.7		1.0	0.42	mg/L			04/19/25 17:50	1
Sulfate (EPA 300.0)	86		5.0	2.3	mg/L			04/19/25 18:02	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	320		5.0	3.7	mg/L			04/30/25 01:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/30/25 01:57	1
Total Dissolved Solids (SM 2540C)	500		10	4.3	mg/L			04/22/25 01:16	1
Fluoride (SM 4500 F C)	0.079 J		0.10	0.056	mg/L			04/22/25 15:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	13.05				ft			04/16/25 09:35	1
Field pH	6.92				SU			04/16/25 09:35	1
Field Temperature	10.0				Degrees C			04/16/25 09:35	1
Oxidation Reduction Potential	65.0				millivolts			04/16/25 09:35	1
Oxygen, Dissolved	1.16				mg/L			04/16/25 09:35	1
Specific Conductance	662				umhos/cm			04/16/25 09:35	1
Turbidity	58.29				NTU			04/16/25 09:35	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 20_FD

Lab Sample ID: 500-266801-22

Date Collected: 04/16/25 09:45

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.022		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 04:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 18:18	1
Arsenic	0.00097	J	0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 18:18	1
Barium	0.021		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 18:18	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 18:18	1
Boron	2.0		0.050	0.013	mg/L		04/18/25 16:33	04/22/25 18:14	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 18:18	1
Calcium	100		0.20	0.044	mg/L		04/18/25 16:33	04/21/25 18:18	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 18:18	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 18:18	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 18:18	1
Magnesium	43		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 18:18	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 18:18	1
Potassium	1.0		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 18:18	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/18/25 16:33	04/22/25 13:23	1
Sodium	11		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 18:18	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 18:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 10:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	3.9		1.0	0.42	mg/L			04/19/25 18:13	1
Sulfate (EPA 300.0)	93		5.0	2.3	mg/L			04/19/25 18:25	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	340		5.0	3.7	mg/L			04/30/25 02:07	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/30/25 02:07	1
Total Dissolved Solids (SM 2540C)	450		10	4.3	mg/L			04/23/25 08:09	1
Fluoride (SM 4500 F C)	0.080	J	0.10	0.056	mg/L			04/22/25 16:05	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	13.05				ft			04/16/25 09:45	1
Field pH	6.92				SU			04/16/25 09:45	1
Field Temperature	10.0				Degrees C			04/16/25 09:45	1
Oxidation Reduction Potential	65.0				millivolts			04/16/25 09:45	1
Oxygen, Dissolved	1.16				mg/L			04/16/25 09:45	1
Specific Conductance	662				umhos/cm			04/16/25 09:45	1
Turbidity	58.29				NTU			04/16/25 09:45	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 21

Lab Sample ID: 500-266801-23

Date Collected: 04/16/25 11:50

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 04:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 18:20	1
Arsenic	0.054		0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 18:20	1
Barium	0.11		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 18:20	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 18:20	1
Boron	0.86		0.050	0.013	mg/L		04/18/25 16:33	04/22/25 18:16	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 18:20	1
Calcium	62		0.20	0.044	mg/L		04/18/25 16:33	04/21/25 18:20	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 18:20	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 18:20	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 18:20	1
Magnesium	30		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 18:20	1
Molybdenum	0.0035 J		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 18:20	1
Potassium	2.2		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 18:20	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/18/25 16:33	04/22/25 13:25	1
Sodium	55		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 18:20	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 18:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 10:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	1.7		1.0	0.42	mg/L			04/19/25 18:36	1
Sulfate (EPA 300.0)	2.9		1.0	0.47	mg/L			04/19/25 18:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	360		5.0	3.7	mg/L			04/30/25 02:17	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/30/25 02:17	1
Total Dissolved Solids (SM 2540C)	390		10	4.3	mg/L			04/23/25 08:11	1
Fluoride (SM 4500 F C)	1.1		0.10	0.056	mg/L			04/22/25 16:09	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	91.20				ft			04/16/25 11:50	1
Field pH	7.22				SU			04/16/25 11:50	1
Field Temperature	12.7				Degrees C			04/16/25 11:50	1
Oxidation Reduction Potential	-92.7				millivolts			04/16/25 11:50	1
Oxygen, Dissolved	0.97				mg/L			04/16/25 11:50	1
Specific Conductance	624				umhos/cm			04/16/25 11:50	1
Turbidity	17.03				NTU			04/16/25 11:50	1

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Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 34

Lab Sample ID: 500-266801-26

Date Collected: 04/16/25 10:15

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0026	J	0.0050	0.0020	mg/L		04/18/25 08:30	04/22/25 21:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 18:28	1
Arsenic	0.024		0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 18:28	1
Barium	0.15		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 18:28	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 18:28	1
Boron	0.51		0.050	0.013	mg/L		04/18/25 16:33	04/22/25 18:24	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 18:28	1
Calcium	70		0.20	0.044	mg/L		04/18/25 16:33	04/21/25 18:28	1
Chromium	0.0011	J	0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 18:28	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 18:28	1
Lead	0.00051		0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 18:28	1
Magnesium	38		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 18:28	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 18:28	1
Potassium	2.4		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 18:28	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/18/25 16:33	04/22/25 13:33	1
Sodium	80		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 18:28	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 18:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 10:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	35		1.0	0.42	mg/L			04/19/25 13:38	1
Sulfate (EPA 300.0)	1.4		1.0	0.47	mg/L			04/19/25 13:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	470		5.0	3.7	mg/L			04/30/25 02:49	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/30/25 02:49	1
Total Dissolved Solids (SM 2540C)	450		10	4.3	mg/L			04/23/25 08:19	1
Fluoride (SM 4500 F C)	0.70		0.10	0.056	mg/L			04/22/25 16:37	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	13.68				ft			04/16/25 10:15	1
Field pH	7.00				SU			04/16/25 10:15	1
Field Temperature	11.5				Degrees C			04/16/25 10:15	1
Oxidation Reduction Potential	-77.1				millivolts			04/16/25 10:15	1
Oxygen, Dissolved	0.56				mg/L			04/16/25 10:15	1
Specific Conductance	864				umhos/cm			04/16/25 10:15	1
Turbidity	51.02				NTU			04/16/25 10:15	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 36

Lab Sample ID: 500-266801-27

Date Collected: 04/17/25 08:20

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.26		0.025	0.010	mg/L		04/18/25 08:30	04/24/25 11:52	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 16:55	1
Arsenic	0.0023		0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 16:55	1
Barium	0.048		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 16:55	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 16:55	1
Boron	16		0.50	0.13	mg/L		04/18/25 16:33	04/22/25 17:45	10
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 16:55	1
Calcium	460		2.0	0.44	mg/L		04/18/25 16:33	04/22/25 12:43	10
Chromium	<0.0050		0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 16:55	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 16:55	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 16:55	1
Magnesium	61		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 16:55	1
Molybdenum	0.19		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 16:55	1
Potassium	24		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 16:55	1
Selenium	<0.025		0.025	0.0098	mg/L		04/18/25 16:33	04/22/25 12:43	10
Sodium	29		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 16:55	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 16:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 10:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	12		1.0	0.42	mg/L			04/19/25 13:53	1
Sulfate (EPA 300.0)	1400	F2 F1	100	47	mg/L			04/19/25 14:39	100
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	120		5.0	3.7	mg/L			05/01/25 12:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			05/01/25 12:57	1
Total Dissolved Solids (SM 2540C)	1900		10	4.3	mg/L			04/24/25 00:07	1
Fluoride (SM 4500 F C)	0.21		0.10	0.056	mg/L			04/22/25 16:40	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	14.05				ft			04/17/25 08:20	1
Field pH	7.37				SU			04/17/25 08:20	1
Field Temperature	11.7				Degrees C			04/17/25 08:20	1
Oxidation Reduction Potential	-42.2				millivolts			04/17/25 08:20	1
Oxygen, Dissolved	0.22				mg/L			04/17/25 08:20	1
Specific Conductance	1963				umhos/cm			04/17/25 08:20	1
Turbidity	19.41				NTU			04/17/25 08:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 37

Lab Sample ID: 500-266801-28

Date Collected: 04/16/25 15:20

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0026	J	0.0050	0.0020	mg/L		04/18/25 08:30	04/22/25 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 18:35	1
Arsenic	0.037		0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 18:35	1
Barium	0.34		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 18:35	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 18:35	1
Boron	1.9		0.050	0.013	mg/L		04/18/25 16:33	04/22/25 18:31	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 18:35	1
Calcium	130		0.20	0.044	mg/L		04/18/25 16:33	04/21/25 18:35	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 18:35	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 18:35	1
Lead	0.00021	J	0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 18:35	1
Magnesium	65		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 18:35	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 18:35	1
Potassium	2.9		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 18:35	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/18/25 16:33	04/22/25 13:35	1
Sodium	95		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 18:35	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 18:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 10:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	45		10	4.2	mg/L			04/19/25 15:55	10
Sulfate (EPA 300.0)	350		10	4.7	mg/L			04/19/25 15:55	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	390		5.0	3.7	mg/L			04/30/25 03:00	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/30/25 03:00	1
Total Dissolved Solids (SM 2540C)	850		10	4.3	mg/L			04/23/25 08:22	1
Fluoride (SM 4500 F C)	0.60		0.10	0.056	mg/L			04/22/25 16:48	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	7.65				ft			04/16/25 15:20	1
Field pH	6.93				SU			04/16/25 15:20	1
Field Temperature	12.8				Degrees C			04/16/25 15:20	1
Oxidation Reduction Potential	-93.1				millivolts			04/16/25 15:20	1
Oxygen, Dissolved	0.17				mg/L			04/16/25 15:20	1
Specific Conductance	1302				umhos/cm			04/16/25 15:20	1
Turbidity	41.22				NTU			04/16/25 15:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: ND3

Lab Sample ID: 500-266801-29

Date Collected: 04/16/25 10:25

Matrix: Water

Date Received: 04/17/25 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.61		0.025	0.010	mg/L		04/18/25 08:30	04/24/25 12:13	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0094		0.0030	0.0013	mg/L		04/21/25 16:23	04/22/25 19:31	1
Arsenic	0.12		0.0010	0.00023	mg/L		04/21/25 16:23	04/22/25 19:31	1
Barium	0.026		0.0025	0.00073	mg/L		04/21/25 16:23	04/22/25 19:31	1
Beryllium	<0.0010	^1+	0.0010	0.00053	mg/L		04/21/25 16:23	04/22/25 19:31	1
Boron	36		1.0	0.25	mg/L		04/21/25 16:23	04/23/25 14:06	20
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/21/25 16:23	04/22/25 19:31	1
Calcium	420	^5-	4.0	0.89	mg/L		04/21/25 16:23	04/23/25 14:06	20
Chromium	<0.0050		0.0050	0.0011	mg/L		04/21/25 16:23	04/22/25 19:31	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/21/25 16:23	04/22/25 19:31	1
Lead	0.0022		0.00050	0.00019	mg/L		04/21/25 16:23	04/22/25 19:31	1
Magnesium	53		0.20	0.049	mg/L		04/21/25 16:23	04/22/25 19:31	1
Molybdenum	0.27		0.0050	0.0025	mg/L		04/21/25 16:23	04/22/25 19:31	1
Potassium	64		0.50	0.11	mg/L		04/21/25 16:23	04/22/25 19:31	1
Selenium	0.11		0.0025	0.00098	mg/L		04/21/25 16:23	04/22/25 19:31	1
Sodium	45		0.20	0.077	mg/L		04/21/25 16:23	04/22/25 19:31	1
Thallium	0.0044		0.0020	0.00057	mg/L		04/21/25 16:23	04/22/25 19:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 10:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	3.9		1.0	0.42	mg/L			04/19/25 16:11	1
Sulfate (EPA 300.0)	1300		100	47	mg/L			04/19/25 16:26	100
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	130		5.0	3.7	mg/L			04/30/25 03:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			04/30/25 03:10	1
Total Dissolved Solids (SM 2540C)	2200		10	4.3	mg/L			04/23/25 08:24	1
Fluoride (SM 4500 F C)	0.13		0.10	0.056	mg/L			04/22/25 16:51	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	15.19				ft			04/16/25 10:25	1
Field pH	7.63				SU			04/16/25 10:25	1
Field Temperature	12.6				Degrees C			04/16/25 10:25	1
Oxidation Reduction Potential	5.3				millivolts			04/16/25 10:25	1
Oxygen, Dissolved	1.24				mg/L			04/16/25 10:25	1
Specific Conductance	2014				umhos/cm			04/16/25 10:25	1
Turbidity	31.21				NTU			04/16/25 10:25	1

Client Sample Results

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

Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: XSG04
Date Collected: 04/14/25 10:12
Date Received: 04/15/25 07:39

Lab Sample ID: 500-266801-33
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)	586.9				ft			04/14/25 10:12	1

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

Client Sample Results

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

Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: YSG01
Date Collected: 04/14/25 09:33
Date Received: 04/15/25 07:39

Lab Sample ID: 500-266801-34
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)	16.72				ft			04/14/25 09:33	1

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

Definitions/Glossary

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

Job ID: 500-266801-3
SDG: VER_845_910-911

Qualifiers

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
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.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Metals

Prep Batch: 814037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total Recoverable	Water	3005A	
500-266801-6	05	Total Recoverable	Water	3005A	
500-266801-7	05_FD	Total Recoverable	Water	3005A	
500-266801-8	08R	Total Recoverable	Water	3005A	
500-266801-10	38	Total Recoverable	Water	3005A	
500-266801-11	41	Total Recoverable	Water	3005A	
500-266801-12	42	Total Recoverable	Water	3005A	
500-266801-13	43	Total Recoverable	Water	3005A	
MB 500-814037/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-814037/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-266801-13 MS	43	Total Recoverable	Water	3005A	
500-266801-13 MSD	43	Total Recoverable	Water	3005A	
500-266801-13 DU	43	Total Recoverable	Water	3005A	

Prep Batch: 814223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total Recoverable	Water	200.7	
500-266801-6	05	Total Recoverable	Water	200.7	
500-266801-7	05_FD	Total Recoverable	Water	200.7	
500-266801-8	08R	Total Recoverable	Water	200.7	
500-266801-10	38	Total Recoverable	Water	200.7	
500-266801-11	41	Total Recoverable	Water	200.7	
500-266801-12	42	Total Recoverable	Water	200.7	
500-266801-13	43	Total Recoverable	Water	200.7	
500-266801-17	02	Total Recoverable	Water	200.7	
500-266801-18	04	Total Recoverable	Water	200.7	
500-266801-19	07R	Total Recoverable	Water	200.7	
500-266801-20	17	Total Recoverable	Water	200.7	
500-266801-21	20	Total Recoverable	Water	200.7	
500-266801-22	20_FD	Total Recoverable	Water	200.7	
500-266801-23	21	Total Recoverable	Water	200.7	
MB 500-814223/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 500-814223/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
500-266801-5 MS	03R	Total Recoverable	Water	200.7	
500-266801-13 MS	43	Total Recoverable	Water	200.7	
500-266801-13 MSD	43	Total Recoverable	Water	200.7	
500-266801-5 DU	03R	Total Recoverable	Water	200.7	
500-266801-13 DU	43	Total Recoverable	Water	200.7	

Prep Batch: 814225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-26	34	Total Recoverable	Water	200.7	
500-266801-27	36	Total Recoverable	Water	200.7	
500-266801-28	37	Total Recoverable	Water	200.7	
500-266801-29	ND3	Total Recoverable	Water	200.7	
MB 500-814225/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 500-814225/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
500-266801-27 MS	36	Total Recoverable	Water	200.7	
500-266801-27 MSD	36	Total Recoverable	Water	200.7	
500-266801-27 DU	36	Total Recoverable	Water	200.7	

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Metals

Prep Batch: 814339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-17	02	Total Recoverable	Water	3005A	
500-266801-18	04	Total Recoverable	Water	3005A	
500-266801-19	07R	Total Recoverable	Water	3005A	
500-266801-20	17	Total Recoverable	Water	3005A	
500-266801-21	20	Total Recoverable	Water	3005A	
500-266801-22	20_FD	Total Recoverable	Water	3005A	
500-266801-23	21	Total Recoverable	Water	3005A	
500-266801-26	34	Total Recoverable	Water	3005A	
500-266801-27	36	Total Recoverable	Water	3005A	
500-266801-28	37	Total Recoverable	Water	3005A	
MB 500-814339/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-814339/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-266801-27 MS	36	Total Recoverable	Water	3005A	
500-266801-27 MSD	36	Total Recoverable	Water	3005A	
500-266801-27 DU	36	Total Recoverable	Water	3005A	

Prep Batch: 814540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-29	ND3	Total Recoverable	Water	3005A	
MB 500-814540/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-814540/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 814582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-17	02	Total Recoverable	Water	6020B	814339
500-266801-18	04	Total Recoverable	Water	6020B	814339
500-266801-19	07R	Total Recoverable	Water	6020B	814339
500-266801-20	17	Total Recoverable	Water	6020B	814339
500-266801-21	20	Total Recoverable	Water	6020B	814339
500-266801-22	20_FD	Total Recoverable	Water	6020B	814339
500-266801-23	21	Total Recoverable	Water	6020B	814339
500-266801-26	34	Total Recoverable	Water	6020B	814339
500-266801-27	36	Total Recoverable	Water	6020B	814339
500-266801-28	37	Total Recoverable	Water	6020B	814339
MB 500-814339/1-A	Method Blank	Total Recoverable	Water	6020B	814339
LCS 500-814339/2-A	Lab Control Sample	Total Recoverable	Water	6020B	814339
500-266801-27 MS	36	Total Recoverable	Water	6020B	814339
500-266801-27 MSD	36	Total Recoverable	Water	6020B	814339
500-266801-27 DU	36	Total Recoverable	Water	6020B	814339

Analysis Batch: 814616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-6	05	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-7	05_FD	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-8	08R	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-10	38	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-11	41	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-12	42	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-13	43	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-17	02	Total Recoverable	Water	200.7 Rev 4.4	814223

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Metals (Continued)

Analysis Batch: 814616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-18	04	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-20	17	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-21	20	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-22	20_FD	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-23	21	Total Recoverable	Water	200.7 Rev 4.4	814223
MB 500-814223/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	814223
LCS 500-814223/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-5 MS	03R	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-13 MS	43	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-13 MSD	43	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-5 DU	03R	Total Recoverable	Water	200.7 Rev 4.4	814223
500-266801-13 DU	43	Total Recoverable	Water	200.7 Rev 4.4	814223

Analysis Batch: 814718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total Recoverable	Water	6020B	814037
500-266801-6	05	Total Recoverable	Water	6020B	814037
500-266801-7	05_FD	Total Recoverable	Water	6020B	814037
500-266801-8	08R	Total Recoverable	Water	6020B	814037
500-266801-10	38	Total Recoverable	Water	6020B	814037
500-266801-11	41	Total Recoverable	Water	6020B	814037
500-266801-12	42	Total Recoverable	Water	6020B	814037
500-266801-17	02	Total Recoverable	Water	6020B	814339
500-266801-18	04	Total Recoverable	Water	6020B	814339
500-266801-19	07R	Total Recoverable	Water	6020B	814339
500-266801-20	17	Total Recoverable	Water	6020B	814339
500-266801-21	20	Total Recoverable	Water	6020B	814339
500-266801-22	20_FD	Total Recoverable	Water	6020B	814339
500-266801-23	21	Total Recoverable	Water	6020B	814339
500-266801-26	34	Total Recoverable	Water	6020B	814339
500-266801-27	36	Total Recoverable	Water	6020B	814339
500-266801-28	37	Total Recoverable	Water	6020B	814339
MB 500-814037/1-A	Method Blank	Total Recoverable	Water	6020B	814037
MB 500-814339/1-A	Method Blank	Total Recoverable	Water	6020B	814339
LCS 500-814037/2-A	Lab Control Sample	Total Recoverable	Water	6020B	814037
LCS 500-814339/2-A	Lab Control Sample	Total Recoverable	Water	6020B	814339
500-266801-27 MS	36	Total Recoverable	Water	6020B	814339
500-266801-27 MSD	36	Total Recoverable	Water	6020B	814339
500-266801-27 DU	36	Total Recoverable	Water	6020B	814339

Analysis Batch: 814767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-29	ND3	Total Recoverable	Water	6020B	814540
MB 500-814540/1-A	Method Blank	Total Recoverable	Water	6020B	814540
LCS 500-814540/2-A	Lab Control Sample	Total Recoverable	Water	6020B	814540

Analysis Batch: 814768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total Recoverable	Water	6020B	814037
500-266801-6	05	Total Recoverable	Water	6020B	814037
500-266801-7	05_FD	Total Recoverable	Water	6020B	814037

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Metals (Continued)

Analysis Batch: 814768 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-8	08R	Total Recoverable	Water	6020B	814037
500-266801-10	38	Total Recoverable	Water	6020B	814037
500-266801-11	41	Total Recoverable	Water	6020B	814037
500-266801-12	42	Total Recoverable	Water	6020B	814037
500-266801-13	43	Total Recoverable	Water	6020B	814037
500-266801-17	02	Total Recoverable	Water	6020B	814339
500-266801-18	04	Total Recoverable	Water	6020B	814339
500-266801-19	07R	Total Recoverable	Water	6020B	814339
500-266801-20	17	Total Recoverable	Water	6020B	814339
500-266801-21	20	Total Recoverable	Water	6020B	814339
500-266801-22	20_FD	Total Recoverable	Water	6020B	814339
500-266801-23	21	Total Recoverable	Water	6020B	814339
500-266801-26	34	Total Recoverable	Water	6020B	814339
500-266801-27	36	Total Recoverable	Water	6020B	814339
500-266801-28	37	Total Recoverable	Water	6020B	814339
MB 500-814037/1-A	Method Blank	Total Recoverable	Water	6020B	814037
MB 500-814339/1-A	Method Blank	Total Recoverable	Water	6020B	814339
LCS 500-814037/2-A	Lab Control Sample	Total Recoverable	Water	6020B	814037
LCS 500-814339/2-A	Lab Control Sample	Total Recoverable	Water	6020B	814339
500-266801-13 MS	43	Total Recoverable	Water	6020B	814037
500-266801-13 MSD	43	Total Recoverable	Water	6020B	814037
500-266801-27 MS	36	Total Recoverable	Water	6020B	814339
500-266801-27 MSD	36	Total Recoverable	Water	6020B	814339
500-266801-13 DU	43	Total Recoverable	Water	6020B	814037
500-266801-27 DU	36	Total Recoverable	Water	6020B	814339

Analysis Batch: 814789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-19	07R	Total Recoverable	Water	200.7 Rev 4.4	814223

Analysis Batch: 814791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-26	34	Total Recoverable	Water	200.7 Rev 4.4	814225
500-266801-28	37	Total Recoverable	Water	200.7 Rev 4.4	814225
MB 500-814225/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	814225
LCS 500-814225/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	814225

Analysis Batch: 815016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-29	ND3	Total Recoverable	Water	6020B	814540

Analysis Batch: 815176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-27	36	Total Recoverable	Water	200.7 Rev 4.4	814225
500-266801-29	ND3	Total Recoverable	Water	200.7 Rev 4.4	814225
500-266801-27 MS	36	Total Recoverable	Water	200.7 Rev 4.4	814225
500-266801-27 MSD	36	Total Recoverable	Water	200.7 Rev 4.4	814225
500-266801-27 DU	36	Total Recoverable	Water	200.7 Rev 4.4	814225

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Metals

Prep Batch: 815206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total/NA	Water	7470A	
500-266801-6	05	Total/NA	Water	7470A	
500-266801-7	05_FD	Total/NA	Water	7470A	
500-266801-8	08R	Total/NA	Water	7470A	
500-266801-10	38	Total/NA	Water	7470A	
500-266801-11	41	Total/NA	Water	7470A	
500-266801-12	42	Total/NA	Water	7470A	
500-266801-13	43	Total/NA	Water	7470A	
500-266801-17	02	Total/NA	Water	7470A	
500-266801-18	04	Total/NA	Water	7470A	
500-266801-19	07R	Total/NA	Water	7470A	
500-266801-20	17	Total/NA	Water	7470A	
500-266801-21	20	Total/NA	Water	7470A	
500-266801-22	20_FD	Total/NA	Water	7470A	
500-266801-23	21	Total/NA	Water	7470A	
MB 500-815206/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-815206/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-266801-13 MS	43	Total/NA	Water	7470A	
500-266801-13 MSD	43	Total/NA	Water	7470A	
500-266801-13 DU	43	Total/NA	Water	7470A	

Prep Batch: 815209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-26	34	Total/NA	Water	7470A	
500-266801-27	36	Total/NA	Water	7470A	
500-266801-28	37	Total/NA	Water	7470A	
500-266801-29	ND3	Total/NA	Water	7470A	
MB 500-815209/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-815209/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-266801-27 MS	36	Total/NA	Water	7470A	
500-266801-27 MSD	36	Total/NA	Water	7470A	
500-266801-27 DU	36	Total/NA	Water	7470A	

Analysis Batch: 815416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total/NA	Water	7470A	815206
500-266801-6	05	Total/NA	Water	7470A	815206
500-266801-7	05_FD	Total/NA	Water	7470A	815206
500-266801-8	08R	Total/NA	Water	7470A	815206
500-266801-10	38	Total/NA	Water	7470A	815206
500-266801-11	41	Total/NA	Water	7470A	815206
500-266801-12	42	Total/NA	Water	7470A	815206
500-266801-13	43	Total/NA	Water	7470A	815206
500-266801-17	02	Total/NA	Water	7470A	815206
500-266801-18	04	Total/NA	Water	7470A	815206
500-266801-19	07R	Total/NA	Water	7470A	815206
500-266801-20	17	Total/NA	Water	7470A	815206
500-266801-21	20	Total/NA	Water	7470A	815206
500-266801-22	20_FD	Total/NA	Water	7470A	815206
500-266801-23	21	Total/NA	Water	7470A	815206
500-266801-26	34	Total/NA	Water	7470A	815209

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Metals (Continued)

Analysis Batch: 815416 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-27	36	Total/NA	Water	7470A	815209
500-266801-28	37	Total/NA	Water	7470A	815209
500-266801-29	ND3	Total/NA	Water	7470A	815209
MB 500-815206/12-A	Method Blank	Total/NA	Water	7470A	815206
MB 500-815209/12-A	Method Blank	Total/NA	Water	7470A	815209
LCS 500-815206/13-A	Lab Control Sample	Total/NA	Water	7470A	815206
LCS 500-815209/13-A	Lab Control Sample	Total/NA	Water	7470A	815209
500-266801-13 MS	43	Total/NA	Water	7470A	815206
500-266801-13 MSD	43	Total/NA	Water	7470A	815206
500-266801-27 MS	36	Total/NA	Water	7470A	815209
500-266801-27 MSD	36	Total/NA	Water	7470A	815209
500-266801-13 DU	43	Total/NA	Water	7470A	815206
500-266801-27 DU	36	Total/NA	Water	7470A	815209

General Chemistry

Analysis Batch: 814052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total/NA	Water	300.0	
500-266801-5	03R	Total/NA	Water	300.0	
500-266801-6	05	Total/NA	Water	300.0	
500-266801-6	05	Total/NA	Water	300.0	
500-266801-7	05_FD	Total/NA	Water	300.0	
500-266801-7	05_FD	Total/NA	Water	300.0	
500-266801-8	08R	Total/NA	Water	300.0	
500-266801-8	08R	Total/NA	Water	300.0	
500-266801-10	38	Total/NA	Water	300.0	
500-266801-11	41	Total/NA	Water	300.0	
500-266801-12	42	Total/NA	Water	300.0	
500-266801-13	43	Total/NA	Water	300.0	
MB 500-814052/3	Method Blank	Total/NA	Water	300.0	
LCS 500-814052/4	Lab Control Sample	Total/NA	Water	300.0	
500-266801-13 MS	43	Total/NA	Water	300.0	
500-266801-13 MSD	43	Total/NA	Water	300.0	

Analysis Batch: 814236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-11	41	Total/NA	Water	300.0	
500-266801-12	42	Total/NA	Water	300.0	
500-266801-17	02	Total/NA	Water	300.0	
500-266801-18	04	Total/NA	Water	300.0	
500-266801-19	07R	Total/NA	Water	300.0	
500-266801-19	07R	Total/NA	Water	300.0	
500-266801-20	17	Total/NA	Water	300.0	
500-266801-20	17	Total/NA	Water	300.0	
500-266801-21	20	Total/NA	Water	300.0	
500-266801-21	20	Total/NA	Water	300.0	
500-266801-22	20_FD	Total/NA	Water	300.0	
500-266801-22	20_FD	Total/NA	Water	300.0	
500-266801-23	21	Total/NA	Water	300.0	
MB 500-814236/3	Method Blank	Total/NA	Water	300.0	

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

General Chemistry (Continued)

Analysis Batch: 814236 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-814236/4	Lab Control Sample	Total/NA	Water	300.0	
500-266801-11 MS	41	Total/NA	Water	300.0	
500-266801-11 MSD	41	Total/NA	Water	300.0	

Analysis Batch: 814357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-26	34	Total/NA	Water	300.0	
500-266801-27	36	Total/NA	Water	300.0	
500-266801-27	36	Total/NA	Water	300.0	
500-266801-28	37	Total/NA	Water	300.0	
500-266801-29	ND3	Total/NA	Water	300.0	
500-266801-29	ND3	Total/NA	Water	300.0	
MB 500-814357/3	Method Blank	Total/NA	Water	300.0	
LCS 500-814357/4	Lab Control Sample	Total/NA	Water	300.0	
500-266801-27 MS	36	Total/NA	Water	300.0	
500-266801-27 MS	36	Total/NA	Water	300.0	
500-266801-27 MSD	36	Total/NA	Water	300.0	
500-266801-27 MSD	36	Total/NA	Water	300.0	

Analysis Batch: 814371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total/NA	Water	SM 2540C	
500-266801-6	05	Total/NA	Water	SM 2540C	
500-266801-7	05_FD	Total/NA	Water	SM 2540C	
500-266801-8	08R	Total/NA	Water	SM 2540C	
500-266801-10	38	Total/NA	Water	SM 2540C	
500-266801-11	41	Total/NA	Water	SM 2540C	
500-266801-12	42	Total/NA	Water	SM 2540C	
500-266801-13	43	Total/NA	Water	SM 2540C	
MB 500-814371/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-814371/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-266801-13 MS	43	Total/NA	Water	SM 2540C	
500-266801-13 MSD	43	Total/NA	Water	SM 2540C	

Analysis Batch: 814548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-17	02	Total/NA	Water	SM 2540C	
500-266801-18	04	Total/NA	Water	SM 2540C	
500-266801-19	07R	Total/NA	Water	SM 2540C	
500-266801-20	17	Total/NA	Water	SM 2540C	
500-266801-21	20	Total/NA	Water	SM 2540C	
MB 500-814548/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-814548/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 814732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total/NA	Water	SM 4500 F C	
500-266801-6	05	Total/NA	Water	SM 4500 F C	
500-266801-7	05_FD	Total/NA	Water	SM 4500 F C	
500-266801-8	08R	Total/NA	Water	SM 4500 F C	
500-266801-10	38	Total/NA	Water	SM 4500 F C	

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

General Chemistry (Continued)

Analysis Batch: 814732 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-11	41	Total/NA	Water	SM 4500 F C	
500-266801-12	42	Total/NA	Water	SM 4500 F C	
500-266801-13	43	Total/NA	Water	SM 4500 F C	
500-266801-17	02	Total/NA	Water	SM 4500 F C	
500-266801-18	04	Total/NA	Water	SM 4500 F C	
500-266801-19	07R	Total/NA	Water	SM 4500 F C	
500-266801-21	20	Total/NA	Water	SM 4500 F C	
500-266801-22	20_FD	Total/NA	Water	SM 4500 F C	
500-266801-23	21	Total/NA	Water	SM 4500 F C	
500-266801-26	34	Total/NA	Water	SM 4500 F C	
500-266801-27	36	Total/NA	Water	SM 4500 F C	
500-266801-28	37	Total/NA	Water	SM 4500 F C	
500-266801-29	ND3	Total/NA	Water	SM 4500 F C	
MB 500-814732/31	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-814732/61	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-814732/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-814732/62	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-266801-13 MS	43	Total/NA	Water	SM 4500 F C	
500-266801-13 MSD	43	Total/NA	Water	SM 4500 F C	
500-266801-27 MS	36	Total/NA	Water	SM 4500 F C	
500-266801-27 MSD	36	Total/NA	Water	SM 4500 F C	

Analysis Batch: 814941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-27	36	Total/NA	Water	SM 2540C	
MB 500-814941/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-814941/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-266801-27 MS	36	Total/NA	Water	SM 2540C	
500-266801-27 MSD	36	Total/NA	Water	SM 2540C	

Analysis Batch: 814948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total/NA	Water	SM 2320B	
500-266801-6	05	Total/NA	Water	SM 2320B	
500-266801-7	05_FD	Total/NA	Water	SM 2320B	
500-266801-8	08R	Total/NA	Water	SM 2320B	
500-266801-10	38	Total/NA	Water	SM 2320B	
500-266801-11	41	Total/NA	Water	SM 2320B	
500-266801-12	42	Total/NA	Water	SM 2320B	
500-266801-13	43	Total/NA	Water	SM 2320B	
MB 500-814948/28	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-814948/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 815049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-22	20_FD	Total/NA	Water	SM 2540C	
500-266801-23	21	Total/NA	Water	SM 2540C	
500-266801-26	34	Total/NA	Water	SM 2540C	
500-266801-28	37	Total/NA	Water	SM 2540C	
500-266801-29	ND3	Total/NA	Water	SM 2540C	
MB 500-815049/1	Method Blank	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

General Chemistry (Continued)

Analysis Batch: 815049 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-815049/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 815692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-17	02	Total/NA	Water	SM 2320B	
500-266801-18	04	Total/NA	Water	SM 2320B	
500-266801-19	07R	Total/NA	Water	SM 2320B	
500-266801-20	17	Total/NA	Water	SM 2320B	
500-266801-21	20	Total/NA	Water	SM 2320B	
500-266801-22	20_FD	Total/NA	Water	SM 2320B	
500-266801-23	21	Total/NA	Water	SM 2320B	
500-266801-26	34	Total/NA	Water	SM 2320B	
500-266801-28	37	Total/NA	Water	SM 2320B	
500-266801-29	ND3	Total/NA	Water	SM 2320B	
MB 500-815692/53	Method Blank	Total/NA	Water	SM 2320B	
MB 500-815692/78	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-815692/54	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 500-815692/80	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 815809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-20	17	Total/NA	Water	SM 4500 F C	
MB 500-815809/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-815809/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 816159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-27	36	Total/NA	Water	SM 2320B	
MB 500-816159/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-816159/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Field Service / Mobile Lab

Analysis Batch: 815582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-5	03R	Total/NA	Water	Field Sampling	
500-266801-6	05	Total/NA	Water	Field Sampling	
500-266801-7	05_FD	Total/NA	Water	Field Sampling	
500-266801-8	08R	Total/NA	Water	Field Sampling	
500-266801-10	38	Total/NA	Water	Field Sampling	
500-266801-11	41	Total/NA	Water	Field Sampling	
500-266801-12	42	Total/NA	Water	Field Sampling	
500-266801-13	43	Total/NA	Water	Field Sampling	
500-266801-17	02	Total/NA	Water	Field Sampling	
500-266801-18	04	Total/NA	Water	Field Sampling	
500-266801-19	07R	Total/NA	Water	Field Sampling	
500-266801-20	17	Total/NA	Water	Field Sampling	
500-266801-21	20	Total/NA	Water	Field Sampling	
500-266801-22	20_FD	Total/NA	Water	Field Sampling	
500-266801-23	21	Total/NA	Water	Field Sampling	
500-266801-26	34	Total/NA	Water	Field Sampling	

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QC Association Summary

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

Job ID: 500-266801-3
SDG: VER_845_910-911

Field Service / Mobile Lab (Continued)

Analysis Batch: 815582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-27	36	Total/NA	Water	Field Sampling	
500-266801-28	37	Total/NA	Water	Field Sampling	
500-266801-29	ND3	Total/NA	Water	Field Sampling	
500-266801-33	XSG04	Total/NA	Water	Field Sampling	
500-266801-34	YSG01	Total/NA	Water	Field Sampling	

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 500-814223/1-A

Matrix: Water

Analysis Batch: 814616

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 814223

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		04/18/25 08:27	04/22/25 02:26	1

Lab Sample ID: LCS 500-814223/2-A

Matrix: Water

Analysis Batch: 814616

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 814223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.250	0.248		mg/L		99	85 - 115

Lab Sample ID: 500-266801-5 MS

Matrix: Water

Analysis Batch: 814616

Client Sample ID: 03R

Prep Type: Total Recoverable

Prep Batch: 814223

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.022		0.250	0.303		mg/L		112	70 - 130

Lab Sample ID: 500-266801-13 MS

Matrix: Water

Analysis Batch: 814616

Client Sample ID: 43

Prep Type: Total Recoverable

Prep Batch: 814223

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0084		0.250	0.283		mg/L		110	70 - 130

Lab Sample ID: 500-266801-13 MSD

Matrix: Water

Analysis Batch: 814616

Client Sample ID: 43

Prep Type: Total Recoverable

Prep Batch: 814223

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Lithium	0.0084		0.250	0.282		mg/L		109	70 - 130	0 20

Lab Sample ID: 500-266801-5 DU

Matrix: Water

Analysis Batch: 814616

Client Sample ID: 03R

Prep Type: Total Recoverable

Prep Batch: 814223

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD Limit
Lithium	0.022		0.0230		mg/L		3 20

Lab Sample ID: 500-266801-13 DU

Matrix: Water

Analysis Batch: 814616

Client Sample ID: 43

Prep Type: Total Recoverable

Prep Batch: 814223

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD Limit
Lithium	0.0084		0.00674	F5	mg/L		21 20

Lab Sample ID: MB 500-814225/1-A

Matrix: Water

Analysis Batch: 814791

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 814225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		04/18/25 08:30	04/22/25 20:04	1

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QC Sample Results

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

Job ID: 500-266801-3
SDG: VER_845_910-911

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: LCS 500-814225/2-A
Matrix: Water
Analysis Batch: 814791

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 814225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.250	0.228		mg/L		91	85 - 115

Lab Sample ID: 500-266801-27 MS
Matrix: Water
Analysis Batch: 815176

Client Sample ID: 36
Prep Type: Total Recoverable
Prep Batch: 814225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.26		0.250	0.500		mg/L		95	70 - 130

Lab Sample ID: 500-266801-27 MSD
Matrix: Water
Analysis Batch: 815176

Client Sample ID: 36
Prep Type: Total Recoverable
Prep Batch: 814225

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.26		0.250	0.508		mg/L		98	70 - 130	2	20

Lab Sample ID: 500-266801-27 DU
Matrix: Water
Analysis Batch: 815176

Client Sample ID: 36
Prep Type: Total Recoverable
Prep Batch: 814225

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lithium	0.26		0.270		mg/L		3	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-814037/1-A
Matrix: Water
Analysis Batch: 814718

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 814037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/17/25 07:52	04/22/25 13:37	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/17/25 07:52	04/22/25 13:37	1
Barium	<0.0025		0.0025	0.00073	mg/L		04/17/25 07:52	04/22/25 13:37	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/17/25 07:52	04/22/25 13:37	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/17/25 07:52	04/22/25 13:37	1
Calcium	<0.20		0.20	0.044	mg/L		04/17/25 07:52	04/22/25 13:37	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/17/25 07:52	04/22/25 13:37	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/17/25 07:52	04/22/25 13:37	1
Magnesium	<0.20		0.20	0.049	mg/L		04/17/25 07:52	04/22/25 13:37	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/17/25 07:52	04/22/25 13:37	1
Potassium	<0.50		0.50	0.11	mg/L		04/17/25 07:52	04/22/25 13:37	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/17/25 07:52	04/22/25 13:37	1
Sodium	<0.20		0.20	0.077	mg/L		04/17/25 07:52	04/22/25 13:37	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/17/25 07:52	04/22/25 13:37	1

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

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

Lab Sample ID: MB 500-814037/1-A

Matrix: Water

Analysis Batch: 814768

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 814037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0351	J	0.050	0.013	mg/L		04/17/25 07:52	04/22/25 18:33	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/17/25 07:52	04/22/25 18:33	1

Lab Sample ID: LCS 500-814037/2-A

Matrix: Water

Analysis Batch: 814718

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 814037

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.523		mg/L		105	80 - 120
Arsenic	0.100	0.0983		mg/L		98	80 - 120
Barium	0.500	0.509		mg/L		102	80 - 120
Beryllium	0.0500	0.0523		mg/L		105	80 - 120
Cadmium	0.0500	0.0509		mg/L		102	80 - 120
Calcium	10.0	9.19		mg/L		92	80 - 120
Chromium	0.200	0.202		mg/L		101	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Magnesium	10.0	10.7		mg/L		107	80 - 120
Molybdenum	1.00	1.00		mg/L		100	80 - 120
Potassium	10.0	10.7		mg/L		107	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Sodium	10.0	10.5		mg/L		105	80 - 120
Thallium	0.100	0.0986		mg/L		99	80 - 120

Lab Sample ID: LCS 500-814037/2-A

Matrix: Water

Analysis Batch: 814768

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 814037

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.01		mg/L		101	80 - 120
Cobalt	0.500	0.521		mg/L		104	80 - 120

Lab Sample ID: 500-266801-13 MS

Matrix: Water

Analysis Batch: 814768

Client Sample ID: 43

Prep Type: Total Recoverable

Prep Batch: 814037

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	0.023		0.100	0.113		mg/L		90	75 - 125
Barium	0.51		0.500	0.977		mg/L		94	75 - 125
Beryllium	<0.0010		0.0500	0.0507		mg/L		101	75 - 125
Boron	1.1	B	1.00	2.10		mg/L		100	75 - 125
Cadmium	<0.00050		0.0500	0.0510		mg/L		102	75 - 125
Calcium	75		10.0	85.6	4	mg/L		104	75 - 125
Chromium	<0.0050		0.200	0.197		mg/L		99	75 - 125
Cobalt	<0.0010		0.500	0.510		mg/L		102	75 - 125
Lead	0.00033	J	0.100	0.103		mg/L		102	75 - 125
Magnesium	43		10.0	53.4	4	mg/L		103	75 - 125
Molybdenum	<0.0050		1.00	1.05		mg/L		105	75 - 125
Potassium	5.2		10.0	15.5		mg/L		103	75 - 125

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

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

Lab Sample ID: 500-266801-13 MS

Matrix: Water

Analysis Batch: 814768

Client Sample ID: 43

Prep Type: Total Recoverable

Prep Batch: 814037

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.0012	J	0.100	0.103		mg/L		102	75 - 125
Sodium	110		10.0	122	4	mg/L		100	75 - 125
Thallium	<0.0020		0.100	0.101		mg/L		101	75 - 125

Lab Sample ID: 500-266801-13 MSD

Matrix: Water

Analysis Batch: 814768

Client Sample ID: 43

Prep Type: Total Recoverable

Prep Batch: 814037

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.538		mg/L		108	75 - 125	0	20
Arsenic	0.023		0.100	0.113		mg/L		91	75 - 125	1	20
Barium	0.51		0.500	0.965		mg/L		92	75 - 125	1	20
Beryllium	<0.0010		0.0500	0.0496		mg/L		99	75 - 125	2	20
Boron	1.1	B	1.00	2.10		mg/L		100	75 - 125	0	20
Cadmium	<0.00050		0.0500	0.0513		mg/L		103	75 - 125	0	20
Calcium	75		10.0	86.3	4	mg/L		111	75 - 125	1	20
Chromium	<0.0050		0.200	0.196		mg/L		98	75 - 125	1	20
Cobalt	<0.0010		0.500	0.506		mg/L		101	75 - 125	1	20
Lead	0.00033	J	0.100	0.102		mg/L		102	75 - 125	1	20
Magnesium	43		10.0	54.1	4	mg/L		110	75 - 125	1	20
Molybdenum	<0.0050		1.00	1.05		mg/L		105	75 - 125	0	20
Potassium	5.2		10.0	15.7		mg/L		105	75 - 125	1	20
Selenium	0.0012	J	0.100	0.105		mg/L		104	75 - 125	2	20
Sodium	110		10.0	123	4	mg/L		111	75 - 125	1	20
Thallium	<0.0020		0.100	0.100		mg/L		100	75 - 125	1	20

Lab Sample ID: 500-266801-13 DU

Matrix: Water

Analysis Batch: 814768

Client Sample ID: 43

Prep Type: Total Recoverable

Prep Batch: 814037

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.023		0.0227		mg/L		0.7	20
Barium	0.51		0.503		mg/L		0.8	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Boron	1.1	B	1.11		mg/L		0.4	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	75		74.0		mg/L		2	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	0.00033	J	0.000334	J	mg/L		2	20
Magnesium	43		43.2		mg/L		0.07	20
Molybdenum	<0.0050		<0.0050		mg/L		NC	20
Potassium	5.2		5.21		mg/L		0.3	20
Selenium	0.0012	J	<0.0025		mg/L		NC	20
Sodium	110		111		mg/L		0.6	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

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

Lab Sample ID: MB 500-814339/1-A

Matrix: Water

Analysis Batch: 814582

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 814339

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/18/25 16:33	04/21/25 16:51	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/18/25 16:33	04/21/25 16:51	1
Barium	<0.0025		0.0025	0.00073	mg/L		04/18/25 16:33	04/21/25 16:51	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		04/18/25 16:33	04/21/25 16:51	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/18/25 16:33	04/21/25 16:51	1
Calcium	<0.20		0.20	0.044	mg/L		04/18/25 16:33	04/21/25 16:51	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/18/25 16:33	04/21/25 16:51	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/18/25 16:33	04/21/25 16:51	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/18/25 16:33	04/21/25 16:51	1
Magnesium	<0.20		0.20	0.049	mg/L		04/18/25 16:33	04/21/25 16:51	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/18/25 16:33	04/21/25 16:51	1
Potassium	<0.50		0.50	0.11	mg/L		04/18/25 16:33	04/21/25 16:51	1
Sodium	<0.20		0.20	0.077	mg/L		04/18/25 16:33	04/21/25 16:51	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/18/25 16:33	04/21/25 16:51	1

Lab Sample ID: MB 500-814339/1-A

Matrix: Water

Analysis Batch: 814718

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 814339

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.0025		0.0025	0.00098	mg/L		04/18/25 16:33	04/22/25 12:38	1

Lab Sample ID: MB 500-814339/1-A

Matrix: Water

Analysis Batch: 814768

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 814339

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050	0.013	mg/L		04/18/25 16:33	04/22/25 17:40	1

Lab Sample ID: LCS 500-814339/2-A

Matrix: Water

Analysis Batch: 814582

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 814339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.509		mg/L		102	80 - 120
Arsenic	0.100	0.0906		mg/L		91	80 - 120
Barium	0.500	0.470		mg/L		94	80 - 120
Beryllium	0.0500	0.0536		mg/L		107	80 - 120
Cadmium	0.0500	0.0494		mg/L		99	80 - 120
Calcium	10.0	8.72		mg/L		87	80 - 120
Chromium	0.200	0.201		mg/L		101	80 - 120
Cobalt	0.500	0.544		mg/L		109	80 - 120
Lead	0.100	0.0983		mg/L		98	80 - 120
Magnesium	10.0	10.7		mg/L		107	80 - 120
Molybdenum	1.00	0.982		mg/L		98	80 - 120
Potassium	10.0	10.3		mg/L		103	80 - 120
Sodium	10.0	10.6		mg/L		106	80 - 120
Thallium	0.100	0.0971		mg/L		97	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

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

Lab Sample ID: LCS 500-814339/2-A
Matrix: Water
Analysis Batch: 814718Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 814339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.0989		mg/L		99	80 - 120

Lab Sample ID: LCS 500-814339/2-A
Matrix: Water
Analysis Batch: 814768Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 814339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.958		mg/L		96	80 - 120

Lab Sample ID: 500-266801-27 MS
Matrix: Water
Analysis Batch: 814582Client Sample ID: 36
Prep Type: Total Recoverable
Prep Batch: 814339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.524		mg/L		105	75 - 125
Arsenic	0.0023		0.100	0.0958		mg/L		94	75 - 125
Barium	0.048		0.500	0.515		mg/L		93	75 - 125
Beryllium	<0.0010		0.0500	0.0515		mg/L		103	75 - 125
Cadmium	<0.00050		0.0500	0.0490		mg/L		98	75 - 125
Chromium	<0.0050		0.200	0.197		mg/L		98	75 - 125
Cobalt	<0.0010		0.500	0.527		mg/L		105	75 - 125
Lead	<0.00050		0.100	0.0969		mg/L		97	75 - 125
Magnesium	61		10.0	71.9	4	mg/L		108	75 - 125
Molybdenum	0.19		1.00	1.21		mg/L		101	75 - 125
Potassium	24		10.0	34.0		mg/L		100	75 - 125
Sodium	29		10.0	38.7		mg/L		97	75 - 125
Thallium	<0.0020		0.100	0.0961		mg/L		96	75 - 125

Lab Sample ID: 500-266801-27 MS
Matrix: Water
Analysis Batch: 814718Client Sample ID: 36
Prep Type: Total Recoverable
Prep Batch: 814339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	460		10.0	478	4	mg/L		144	75 - 125
Selenium	<0.025		0.100	0.104		mg/L		104	75 - 125

Lab Sample ID: 500-266801-27 MS
Matrix: Water
Analysis Batch: 814768Client Sample ID: 36
Prep Type: Total Recoverable
Prep Batch: 814339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	16		1.00	16.8	4	mg/L		109	75 - 125

Lab Sample ID: 500-266801-27 MSD
Matrix: Water
Analysis Batch: 814582Client Sample ID: 36
Prep Type: Total Recoverable
Prep Batch: 814339

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	<0.0030		0.500	0.531		mg/L		106	75 - 125	1	20
Arsenic	0.0023		0.100	0.102		mg/L		99	75 - 125	6	20

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QC Sample Results

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

Job ID: 500-266801-3
SDG: VER_845_910-911

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

Lab Sample ID: 500-266801-27 MSD

Matrix: Water

Analysis Batch: 814582

Client Sample ID: 36

Prep Type: Total Recoverable

Prep Batch: 814339

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.048		0.500	0.542		mg/L		99	75 - 125	5	20
Beryllium	<0.0010		0.0500	0.0509		mg/L		102	75 - 125	1	20
Cadmium	<0.00050		0.0500	0.0491		mg/L		98	75 - 125	0	20
Chromium	<0.0050		0.200	0.193		mg/L		96	75 - 125	2	20
Cobalt	<0.0010		0.500	0.509		mg/L		102	75 - 125	3	20
Lead	<0.00050		0.100	0.0974		mg/L		97	75 - 125	0	20
Magnesium	61		10.0	71.1	4	mg/L		100	75 - 125	1	20
Molybdenum	0.19		1.00	1.22		mg/L		103	75 - 125	1	20
Potassium	24		10.0	34.8		mg/L		107	75 - 125	2	20
Sodium	29		10.0	38.5		mg/L		96	75 - 125	0	20
Thallium	<0.0020		0.100	0.0964		mg/L		96	75 - 125	0	20

Lab Sample ID: 500-266801-27 MSD

Matrix: Water

Analysis Batch: 814718

Client Sample ID: 36

Prep Type: Total Recoverable

Prep Batch: 814339

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	460		10.0	484	4	mg/L		206	75 - 125	1	20
Selenium	<0.025		0.100	0.113		mg/L		113	75 - 125	8	20

Lab Sample ID: 500-266801-27 MSD

Matrix: Water

Analysis Batch: 814768

Client Sample ID: 36

Prep Type: Total Recoverable

Prep Batch: 814339

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	16		1.00	16.0	4	mg/L		28	75 - 125	5	20

Lab Sample ID: 500-266801-27 DU

Matrix: Water

Analysis Batch: 814582

Client Sample ID: 36

Prep Type: Total Recoverable

Prep Batch: 814339

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.0023		0.00236		mg/L		0.7	20
Barium	0.048		0.0476		mg/L		0.7	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Magnesium	61		59.9		mg/L		2	20
Molybdenum	0.19		0.192		mg/L		0.8	20
Potassium	24		23.8		mg/L		1	20
Sodium	29		28.0		mg/L		3	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

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

Lab Sample ID: 500-266801-27 DU

Matrix: Water

Analysis Batch: 814718

Client Sample ID: 36

Prep Type: Total Recoverable

Prep Batch: 814339

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Calcium	460		463		mg/L		0.1	20
Selenium	<0.025		<0.025		mg/L		NC	20

Lab Sample ID: 500-266801-27 DU

Matrix: Water

Analysis Batch: 814768

Client Sample ID: 36

Prep Type: Total Recoverable

Prep Batch: 814339

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Boron	16		15.7		mg/L		0.1	20

Lab Sample ID: MB 500-814540/1-A

Matrix: Water

Analysis Batch: 814767

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 814540

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		04/21/25 16:23	04/22/25 18:32	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		04/21/25 16:23	04/22/25 18:32	1
Barium	<0.0025		0.0025	0.00073	mg/L		04/21/25 16:23	04/22/25 18:32	1
Beryllium	<0.0010	^1+	0.0010	0.00053	mg/L		04/21/25 16:23	04/22/25 18:32	1
Boron	<0.050		0.050	0.013	mg/L		04/21/25 16:23	04/22/25 18:32	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		04/21/25 16:23	04/22/25 18:32	1
Calcium	<0.20		0.20	0.044	mg/L		04/21/25 16:23	04/22/25 18:32	1
Chromium	<0.0050		0.0050	0.0011	mg/L		04/21/25 16:23	04/22/25 18:32	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		04/21/25 16:23	04/22/25 18:32	1
Lead	<0.00050		0.00050	0.00019	mg/L		04/21/25 16:23	04/22/25 18:32	1
Magnesium	<0.20		0.20	0.049	mg/L		04/21/25 16:23	04/22/25 18:32	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		04/21/25 16:23	04/22/25 18:32	1
Potassium	<0.50		0.50	0.11	mg/L		04/21/25 16:23	04/22/25 18:32	1
Selenium	<0.0025		0.0025	0.00098	mg/L		04/21/25 16:23	04/22/25 18:32	1
Sodium	<0.20		0.20	0.077	mg/L		04/21/25 16:23	04/22/25 18:32	1
Thallium	<0.0020		0.0020	0.00057	mg/L		04/21/25 16:23	04/22/25 18:32	1

Lab Sample ID: LCS 500-814540/2-A

Matrix: Water

Analysis Batch: 814767

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 814540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.505		mg/L		101	80 - 120
Arsenic	0.100	0.0967		mg/L		97	80 - 120
Barium	0.500	0.499		mg/L		100	80 - 120
Beryllium	0.0500	0.0489	^1+	mg/L		98	80 - 120
Boron	1.00	0.979		mg/L		98	80 - 120
Cadmium	0.0500	0.0499		mg/L		100	80 - 120
Calcium	10.0	8.35		mg/L		84	80 - 120
Chromium	0.200	0.190		mg/L		95	80 - 120
Cobalt	0.500	0.513		mg/L		103	80 - 120
Lead	0.100	0.0997		mg/L		100	80 - 120
Magnesium	10.0	10.5		mg/L		105	80 - 120
Molybdenum	1.00	0.982		mg/L		98	80 - 120

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QC Sample Results

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

Job ID: 500-266801-3
SDG: VER_845_910-911

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

Lab Sample ID: LCS 500-814540/2-A
Matrix: Water
Analysis Batch: 814767

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 814540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	10.0	10.4		mg/L		104	80 - 120
Selenium	0.100	0.0970		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

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-815206/12-A
Matrix: Water
Analysis Batch: 815416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 815206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 09:08	1

Lab Sample ID: LCS 500-815206/13-A
Matrix: Water
Analysis Batch: 815416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 815206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00186		mg/L		93	80 - 120

Lab Sample ID: 500-266801-13 MS
Matrix: Water
Analysis Batch: 815416

Client Sample ID: 43
Prep Type: Total/NA
Prep Batch: 815206

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000994		mg/L		99	75 - 125

Lab Sample ID: 500-266801-13 MSD
Matrix: Water
Analysis Batch: 815416

Client Sample ID: 43
Prep Type: Total/NA
Prep Batch: 815206

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	<0.00020		0.000999	0.000994		mg/L		99	75 - 125	0	20

Lab Sample ID: 500-266801-13 DU
Matrix: Water
Analysis Batch: 815416

Client Sample ID: 43
Prep Type: Total/NA
Prep Batch: 815206

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

Lab Sample ID: MB 500-815209/12-A
Matrix: Water
Analysis Batch: 815416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 815209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		04/25/25 09:55	04/28/25 10:17	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

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

Lab Sample ID: LCS 500-815209/13-A
Matrix: Water
Analysis Batch: 815416Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 815209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00191		mg/L		96	80 - 120

Lab Sample ID: 500-266801-27 MS
Matrix: Water
Analysis Batch: 815416Client Sample ID: 36
Prep Type: Total/NA
Prep Batch: 815209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000992		mg/L		99	75 - 125

Lab Sample ID: 500-266801-27 MSD
Matrix: Water
Analysis Batch: 815416Client Sample ID: 36
Prep Type: Total/NA
Prep Batch: 815209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000974		mg/L		97	75 - 125	2	20

Lab Sample ID: 500-266801-27 DU
Matrix: Water
Analysis Batch: 815416Client Sample ID: 36
Prep Type: Total/NA
Prep Batch: 815209

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-814052/3
Matrix: Water
Analysis Batch: 814052Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0	0.42	mg/L			04/17/25 19:48	1
Sulfate	<1.0		1.0	0.47	mg/L			04/17/25 19:48	1

Lab Sample ID: LCS 500-814052/4
Matrix: Water
Analysis Batch: 814052Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	21.0		mg/L		105	90 - 110
Sulfate	20.0	21.4		mg/L		107	90 - 110

Lab Sample ID: 500-266801-13 MS
Matrix: Water
Analysis Batch: 814052Client Sample ID: 43
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	76		100	180		mg/L		104	80 - 120
Sulfate	25		100	130		mg/L		105	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 500-266801-13 MSD

Matrix: Water

Analysis Batch: 814052

Client Sample ID: 43

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	76		100	182		mg/L		106	80 - 120	1	20
Sulfate	25		100	133		mg/L		108	80 - 120	3	20

Lab Sample ID: MB 500-814236/3

Matrix: Water

Analysis Batch: 814236

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0	0.42	mg/L			04/19/25 15:08	1
Sulfate	<1.0		1.0	0.47	mg/L			04/19/25 15:08	1

Lab Sample ID: LCS 500-814236/4

Matrix: Water

Analysis Batch: 814236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.0		mg/L		100	90 - 110
Sulfate	20.0	20.4		mg/L		102	90 - 110

Lab Sample ID: 500-266801-11 MS

Matrix: Water

Analysis Batch: 814236

Client Sample ID: 41

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	51		50.0	103		mg/L		104	80 - 120

Lab Sample ID: 500-266801-11 MSD

Matrix: Water

Analysis Batch: 814236

Client Sample ID: 41

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	51		50.0	103		mg/L		105	80 - 120	0	20

Lab Sample ID: MB 500-814357/3

Matrix: Water

Analysis Batch: 814357

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0	0.42	mg/L			04/19/25 12:52	1
Sulfate	<1.0		1.0	0.47	mg/L			04/19/25 12:52	1

Lab Sample ID: LCS 500-814357/4

Matrix: Water

Analysis Batch: 814357

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	104		mg/L		104	90 - 110
Sulfate	100	108		mg/L		108	90 - 110

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 500-266801-27 MS

Matrix: Water

Analysis Batch: 814357

Client Sample ID: 36

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12		10.0	22.3		mg/L		108	80 - 120

Lab Sample ID: 500-266801-27 MS

Matrix: Water

Analysis Batch: 814357

Client Sample ID: 36

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	1400	F2 F1	1000	2430		mg/L		105	80 - 120

Lab Sample ID: 500-266801-27 MSD

Matrix: Water

Analysis Batch: 814357

Client Sample ID: 36

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12		10.0	22.5		mg/L		109	80 - 120	1	20

Lab Sample ID: 500-266801-27 MSD

Matrix: Water

Analysis Batch: 814357

Client Sample ID: 36

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	1400	F2 F1	1000	3300	F1 F2	mg/L		192	80 - 120	31	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 500-814948/28

Matrix: Water

Analysis Batch: 814948

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			04/23/25 14:07	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			04/23/25 14:07	1

Lab Sample ID: LCS 500-814948/4

Matrix: Water

Analysis Batch: 814948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-815692/53

Matrix: Water

Analysis Batch: 815692

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			04/29/25 19:27	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			04/29/25 19:27	1

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 500-815692/78

Matrix: Water

Analysis Batch: 815692

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 CaCO ₃	<5.0		5.0	3.7	mg/L			04/29/25 23:39	1
Carbonate Alkalinity as CaCO ₃	<5.0		5.0	3.7	mg/L			04/29/25 23:39	1

Lab Sample ID: LCS 500-815692/54

Matrix: Water

Analysis Batch: 815692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	100	101		mg/L		101	80 - 120

Lab Sample ID: LCS 500-815692/80

Matrix: Water

Analysis Batch: 815692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 500-816159/3

Matrix: Water

Analysis Batch: 816159

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 CaCO ₃	<5.0		5.0	3.7	mg/L			05/01/25 12:41	1
Carbonate Alkalinity as CaCO ₃	<5.0		5.0	3.7	mg/L			05/01/25 12:41	1

Lab Sample ID: LCS 500-816159/4

Matrix: Water

Analysis Batch: 816159

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	100	104		mg/L		104	80 - 120

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

Lab Sample ID: MB 500-814371/1

Matrix: Water

Analysis Batch: 814371

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			04/19/25 21:17	1

Lab Sample ID: LCS 500-814371/2

Matrix: Water

Analysis Batch: 814371

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	244		mg/L		98	80 - 120

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

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

Lab Sample ID: 500-266801-13 MS

Matrix: Water

Analysis Batch: 814371

Client Sample ID: 43

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids	620		250	846		mg/L		90	75 - 125		

Lab Sample ID: 500-266801-13 MSD

Matrix: Water

Analysis Batch: 814371

Client Sample ID: 43

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	620		250	890		mg/L		107	75 - 125	5	20

Lab Sample ID: MB 500-814548/1

Matrix: Water

Analysis Batch: 814548

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			04/22/25 00:17	1

Lab Sample ID: LCS 500-814548/2

Matrix: Water

Analysis Batch: 814548

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids	250	244		mg/L		98	80 - 120		

Lab Sample ID: MB 500-814941/1

Matrix: Water

Analysis Batch: 814941

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			04/24/25 00:02	1

Lab Sample ID: LCS 500-814941/2

Matrix: Water

Analysis Batch: 814941

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 500-266801-27 MS

Matrix: Water

Analysis Batch: 814941

Client Sample ID: 36

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids	1900		250	2220	4	mg/L		112	75 - 125		

Lab Sample ID: 500-266801-27 MSD

Matrix: Water

Analysis Batch: 814941

Client Sample ID: 36

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1900		250	2170	4	mg/L		89	75 - 125	3	20

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

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

Lab Sample ID: MB 500-815049/1

Matrix: Water

Analysis Batch: 815049

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			04/23/25 07:51	1

Lab Sample ID: LCS 500-815049/2

Matrix: Water

Analysis Batch: 815049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	246		mg/L		98	80 - 120

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-814732/31

Matrix: Water

Analysis Batch: 814732

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10	0.056	mg/L			04/22/25 14:35	1

Lab Sample ID: MB 500-814732/61

Matrix: Water

Analysis Batch: 814732

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10	0.056	mg/L			04/22/25 16:29	1

Lab Sample ID: LCS 500-814732/32

Matrix: Water

Analysis Batch: 814732

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.87		mg/L		99	90 - 119

Lab Sample ID: LCS 500-814732/62

Matrix: Water

Analysis Batch: 814732

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.70		mg/L		97	90 - 119

Lab Sample ID: 500-266801-13 MS

Matrix: Water

Analysis Batch: 814732

Client Sample ID: 43

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.50		5.00	5.71		mg/L		104	75 - 125

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 500-266801-13 MSD

Matrix: Water

Analysis Batch: 814732

Client Sample ID: 43

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.50		5.00	5.72		mg/L		104	75 - 125	0	20

Lab Sample ID: 500-266801-27 MS

Matrix: Water

Analysis Batch: 814732

Client Sample ID: 36

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	0.21		5.00	5.30		mg/L		102	75 - 125		

Lab Sample ID: 500-266801-27 MSD

Matrix: Water

Analysis Batch: 814732

Client Sample ID: 36

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.21		5.00	5.29		mg/L		102	75 - 125	0	20

Lab Sample ID: MB 500-815809/3

Matrix: Water

Analysis Batch: 815809

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10	0.056	mg/L			04/30/25 11:20	1

Lab Sample ID: LCS 500-815809/4

Matrix: Water

Analysis Batch: 815809

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	10.0	9.74		mg/L		97	90 - 119		

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 03R

Lab Sample ID: 500-266801-5

Date Collected: 04/15/25 11:00

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 02:35
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 13:47
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		20	814768	RN	EET CHI	04/22/25 18:38
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:13
Total/NA	Analysis	300.0		1	814052	MM	EET CHI	04/17/25 20:11
Total/NA	Analysis	300.0		20	814052	MM	EET CHI	04/17/25 20:23
Total/NA	Analysis	SM 2320B		1	814948	AC	EET CHI	04/23/25 11:15
Total/NA	Analysis	SM 2540C		1	814371	CLB	EET CHI	04/19/25 21:32
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 14:44
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/15/25 11:00

Client Sample ID: 05

Lab Sample ID: 500-266801-6

Date Collected: 04/15/25 14:25

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 02:54
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 14:09
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		10	814768	RN	EET CHI	04/22/25 18:41
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:15
Total/NA	Analysis	300.0		1	814052	MM	EET CHI	04/17/25 20:34
Total/NA	Analysis	300.0		10	814052	MM	EET CHI	04/17/25 20:46
Total/NA	Analysis	SM 2320B		1	814948	AC	EET CHI	04/23/25 11:23
Total/NA	Analysis	SM 2540C		1	814371	CLB	EET CHI	04/19/25 21:35
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 14:47
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/15/25 14:25

Client Sample ID: 05_FD

Lab Sample ID: 500-266801-7

Date Collected: 04/15/25 14:30

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 02:58
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 14:16

Eurofins Chicago

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 05_FD

Date Collected: 04/15/25 14:30

Date Received: 04/16/25 12:36

Lab Sample ID: 500-266801-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		10	814768	RN	EET CHI	04/22/25 18:43
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:17
Total/NA	Analysis	300.0		1	814052	MM	EET CHI	04/17/25 20:58
Total/NA	Analysis	300.0		10	814052	MM	EET CHI	04/17/25 21:09
Total/NA	Analysis	SM 2320B		1	814948	AC	EET CHI	04/23/25 11:32
Total/NA	Analysis	SM 2540C		1	814371	CLB	EET CHI	04/19/25 21:37
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 14:50
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/15/25 14:30

Client Sample ID: 08R

Date Collected: 04/15/25 11:30

Date Received: 04/16/25 12:36

Lab Sample ID: 500-266801-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 03:03
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 14:24
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		10	814768	RN	EET CHI	04/22/25 18:46
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:24
Total/NA	Analysis	300.0		1	814052	MM	EET CHI	04/17/25 21:21
Total/NA	Analysis	300.0		50	814052	MM	EET CHI	04/17/25 21:32
Total/NA	Analysis	SM 2320B		1	814948	AC	EET CHI	04/23/25 11:41
Total/NA	Analysis	SM 2540C		1	814371	CLB	EET CHI	04/19/25 21:40
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 14:54
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/15/25 11:30

Client Sample ID: 38

Date Collected: 04/15/25 15:05

Date Received: 04/16/25 12:36

Lab Sample ID: 500-266801-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 03:20
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 14:36
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814768	RN	EET CHI	04/22/25 18:50
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:28

Eurofins Chicago

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 38

Lab Sample ID: 500-266801-10

Date Collected: 04/15/25 15:05

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	814052	MM	EET CHI	04/17/25 22:19
Total/NA	Analysis	SM 2320B		1	814948	AC	EET CHI	04/23/25 12:00
Total/NA	Analysis	SM 2540C		1	814371	CLB	EET CHI	04/19/25 21:45
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 15:10
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/15/25 15:05

Client Sample ID: 41

Lab Sample ID: 500-266801-11

Date Collected: 04/15/25 14:05

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 03:25
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 14:38
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814768	RN	EET CHI	04/22/25 18:58
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:31
Total/NA	Analysis	300.0		1	814052	MM	EET CHI	04/17/25 22:30
Total/NA	Analysis	300.0		5	814236	MM	EET CHI	04/19/25 15:31
Total/NA	Analysis	SM 2320B		1	814948	AC	EET CHI	04/23/25 12:11
Total/NA	Analysis	SM 2540C		1	814371	CLB	EET CHI	04/19/25 21:48
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 15:13
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/15/25 14:05

Client Sample ID: 42

Lab Sample ID: 500-266801-12

Date Collected: 04/15/25 16:20

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 03:30
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 14:41
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814768	RN	EET CHI	04/22/25 19:00
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:33
Total/NA	Analysis	300.0		1	814052	MM	EET CHI	04/17/25 22:42
Total/NA	Analysis	300.0		5	814236	MM	EET CHI	04/19/25 16:06
Total/NA	Analysis	SM 2320B		1	814948	AC	EET CHI	04/23/25 12:21
Total/NA	Analysis	SM 2540C		1	814371	CLB	EET CHI	04/19/25 21:50

Eurofins Chicago

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 42

Date Collected: 04/15/25 16:20

Date Received: 04/16/25 12:36

Lab Sample ID: 500-266801-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 15:17
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/15/25 16:20

Client Sample ID: 43

Date Collected: 04/15/25 15:30

Date Received: 04/16/25 12:36

Lab Sample ID: 500-266801-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 03:34
Total Recoverable	Prep	3005A			814037	BDE	EET CHI	04/17/25 07:52 - 04/17/25 13:52 ¹
Total Recoverable	Analysis	6020B		1	814768	RN	EET CHI	04/22/25 19:03
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:35
Total/NA	Analysis	300.0		10	814052	MM	EET CHI	04/17/25 22:54
Total/NA	Analysis	SM 2320B		1	814948	AC	EET CHI	04/23/25 12:31
Total/NA	Analysis	SM 2540C		1	814371	CLB	EET CHI	04/19/25 21:53
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 15:20
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/15/25 15:30

Client Sample ID: 02

Date Collected: 04/16/25 14:00

Date Received: 04/17/25 11:45

Lab Sample ID: 500-266801-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 04:19
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814582	RN	EET CHI	04/21/25 17:42
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 12:55
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814768	RN	EET CHI	04/22/25 17:57
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:55
Total/NA	Analysis	300.0		2	814236	MM	EET CHI	04/19/25 16:17
Total/NA	Analysis	SM 2320B		1	815692	AC	EET CHI	04/30/25 01:16
Total/NA	Analysis	SM 2540C		1	814548	CLB	EET CHI	04/22/25 01:06
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 15:48
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/16/25 14:00

Eurofins Chicago

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 04

Lab Sample ID: 500-266801-18

Date Collected: 04/16/25 08:15

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 04:24
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814582	RN	EET CHI	04/21/25 17:44
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		5	814718	RN	EET CHI	04/22/25 12:58
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		5	814768	RN	EET CHI	04/22/25 18:04
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:57
Total/NA	Analysis	300.0		2	814236	MM	EET CHI	04/19/25 16:29
Total/NA	Analysis	SM 2320B		1	815692	AC	EET CHI	04/30/25 01:27
Total/NA	Analysis	SM 2540C		1	814548	CLB	EET CHI	04/22/25 01:08
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 15:52
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/16/25 08:15

Client Sample ID: 07R

Lab Sample ID: 500-266801-19

Date Collected: 04/16/25 14:40

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		5	814789	SJ	EET CHI	04/23/25 06:10
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814582	RN	EET CHI	04/21/25 17:51
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		20	814718	RN	EET CHI	04/22/25 13:01
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		20	814768	RN	EET CHI	04/22/25 18:07
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 09:59
Total/NA	Analysis	300.0		1	814236	MM	EET CHI	04/19/25 16:40
Total/NA	Analysis	300.0		100	814236	MM	EET CHI	04/19/25 16:52
Total/NA	Analysis	SM 2320B		1	815692	AC	EET CHI	04/30/25 01:37
Total/NA	Analysis	SM 2540C		1	814548	CLB	EET CHI	04/22/25 01:11
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 15:55
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/16/25 14:40

Eurofins Chicago

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 17

Lab Sample ID: 500-266801-20

Date Collected: 04/16/25 14:20

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 04:33
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814582	RN	EET CHI	04/21/25 18:13
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		5	814718	RN	EET CHI	04/22/25 13:08
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		5	814768	RN	EET CHI	04/22/25 18:09
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 10:01
Total/NA	Analysis	300.0		1	814236	MM	EET CHI	04/19/25 17:27
Total/NA	Analysis	300.0		100	814236	MM	EET CHI	04/19/25 17:38
Total/NA	Analysis	SM 2320B		1	815692	AC	EET CHI	04/30/25 01:47
Total/NA	Analysis	SM 2540C		1	814548	CLB	EET CHI	04/22/25 01:13
Total/NA	Analysis	SM 4500 F C		1	815809	AC	EET CHI	04/30/25 11:46
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/16/25 14:20

Client Sample ID: 20

Lab Sample ID: 500-266801-21

Date Collected: 04/16/25 09:35

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 04:37
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814582	RN	EET CHI	04/21/25 18:16
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 13:20
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814768	RN	EET CHI	04/22/25 18:12
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 10:04
Total/NA	Analysis	300.0		1	814236	MM	EET CHI	04/19/25 17:50
Total/NA	Analysis	300.0		5	814236	MM	EET CHI	04/19/25 18:02
Total/NA	Analysis	SM 2320B		1	815692	AC	EET CHI	04/30/25 01:57
Total/NA	Analysis	SM 2540C		1	814548	CLB	EET CHI	04/22/25 01:16
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 15:59
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/16/25 09:35

Eurofins Chicago

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 20_FD

Date Collected: 04/16/25 09:45

Date Received: 04/17/25 11:45

Lab Sample ID: 500-266801-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 04:42
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814582	RN	EET CHI	04/21/25 18:18
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 13:23
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814768	RN	EET CHI	04/22/25 18:14
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 10:06
Total/NA	Analysis	300.0		1	814236	MM	EET CHI	04/19/25 18:13
Total/NA	Analysis	300.0		5	814236	MM	EET CHI	04/19/25 18:25
Total/NA	Analysis	SM 2320B		1	815692	AC	EET CHI	04/30/25 02:07
Total/NA	Analysis	SM 2540C		1	815049	CLB	EET CHI	04/23/25 08:09
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 16:05
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/16/25 09:45

Client Sample ID: 21

Date Collected: 04/16/25 11:50

Date Received: 04/17/25 11:45

Lab Sample ID: 500-266801-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814223	BDE	EET CHI	04/18/25 08:27 - 04/18/25 14:27 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814616	SJ	EET CHI	04/22/25 04:46
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814582	RN	EET CHI	04/21/25 18:20
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 13:25
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814768	RN	EET CHI	04/22/25 18:16
Total/NA	Prep	7470A			815206	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 10:08
Total/NA	Analysis	300.0		1	814236	MM	EET CHI	04/19/25 18:36
Total/NA	Analysis	SM 2320B		1	815692	AC	EET CHI	04/30/25 02:17
Total/NA	Analysis	SM 2540C		1	815049	CLB	EET CHI	04/23/25 08:11
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 16:09
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/16/25 11:50

Eurofins Chicago

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 34

Lab Sample ID: 500-266801-26

Date Collected: 04/16/25 10:15

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814225	BDE	EET CHI	04/18/25 08:30 - 04/18/25 14:30 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814791	SJ	EET CHI	04/22/25 21:01
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814582	RN	EET CHI	04/21/25 18:28
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 13:33
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814768	RN	EET CHI	04/22/25 18:24
Total/NA	Prep	7470A			815209	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 10:24
Total/NA	Analysis	300.0		1	814357	MM	EET CHI	04/19/25 13:38
Total/NA	Analysis	SM 2320B		1	815692	AC	EET CHI	04/30/25 02:49
Total/NA	Analysis	SM 2540C		1	815049	CLB	EET CHI	04/23/25 08:19
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 16:37
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/16/25 10:15

Client Sample ID: 36

Lab Sample ID: 500-266801-27

Date Collected: 04/17/25 08:20

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814225	BDE	EET CHI	04/18/25 08:30 - 04/18/25 14:30 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		5	815176	SJ	EET CHI	04/24/25 11:52
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814582	RN	EET CHI	04/21/25 16:55
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		10	814718	RN	EET CHI	04/22/25 12:43
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		10	814768	RN	EET CHI	04/22/25 17:45
Total/NA	Prep	7470A			815209	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 10:26
Total/NA	Analysis	300.0		1	814357	MM	EET CHI	04/19/25 13:53
Total/NA	Analysis	300.0		100	814357	MM	EET CHI	04/19/25 14:39
Total/NA	Analysis	SM 2320B		1	816159	AC	EET CHI	05/01/25 12:57
Total/NA	Analysis	SM 2540C		1	814941	CLB	EET CHI	04/24/25 00:07
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 16:40
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/17/25 08:20

Eurofins Chicago

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: 37

Lab Sample ID: 500-266801-28

Date Collected: 04/16/25 15:20

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814225	BDE	EET CHI	04/18/25 08:30 - 04/18/25 14:30 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	814791	SJ	EET CHI	04/22/25 21:37
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814582	RN	EET CHI	04/21/25 18:35
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814718	RN	EET CHI	04/22/25 13:35
Total Recoverable	Prep	3005A			814339	S1Z	EET CHI	04/18/25 16:33 - 04/18/25 22:33 ¹
Total Recoverable	Analysis	6020B		1	814768	RN	EET CHI	04/22/25 18:31
Total/NA	Prep	7470A			815209	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 10:35
Total/NA	Analysis	300.0		10	814357	MM	EET CHI	04/19/25 15:55
Total/NA	Analysis	SM 2320B		1	815692	AC	EET CHI	04/30/25 03:00
Total/NA	Analysis	SM 2540C		1	815049	CLB	EET CHI	04/23/25 08:22
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 16:48
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/16/25 15:20

Client Sample ID: ND3

Lab Sample ID: 500-266801-29

Date Collected: 04/16/25 10:25

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			814225	BDE	EET CHI	04/18/25 08:30 - 04/18/25 14:30 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		5	815176	SJ	EET CHI	04/24/25 12:13
Total Recoverable	Prep	3005A			814540	S1Z	EET CHI	04/21/25 16:23 - 04/21/25 22:23 ¹
Total Recoverable	Analysis	6020B		20	815016	S1Z	EET CHI	04/23/25 14:06
Total Recoverable	Prep	3005A			814540	S1Z	EET CHI	04/21/25 16:23 - 04/21/25 22:23 ¹
Total Recoverable	Analysis	6020B		1	814767	RN	EET CHI	04/22/25 19:31
Total/NA	Prep	7470A			815209	MJG	EET CHI	04/25/25 09:55 - 04/25/25 11:55 ¹
Total/NA	Analysis	7470A		1	815416	MJG	EET CHI	04/28/25 10:37
Total/NA	Analysis	300.0		1	814357	MM	EET CHI	04/19/25 16:11
Total/NA	Analysis	300.0		100	814357	MM	EET CHI	04/19/25 16:26
Total/NA	Analysis	SM 2320B		1	815692	AC	EET CHI	04/30/25 03:10
Total/NA	Analysis	SM 2540C		1	815049	CLB	EET CHI	04/23/25 08:24
Total/NA	Analysis	SM 4500 F C		1	814732	AC	EET CHI	04/22/25 16:51
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/16/25 10:25

Client Sample ID: XSG04

Lab Sample ID: 500-266801-33

Date Collected: 04/14/25 10:12

Matrix: Water

Date Received: 04/15/25 07:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/14/25 10:12

Eurofins Chicago

Lab Chronicle

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

Job ID: 500-266801-3
SDG: VER_845_910-911

Client Sample ID: YSG01
Date Collected: 04/14/25 09:33
Date Received: 04/15/25 07:39

Lab Sample ID: 500-266801-34
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	815582	DN	EET CHI	04/14/25 09:33

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: VER-25Q2

Job ID: 500-266801-3
SDG: VER_845_910-911

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	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

500-266801

Page 1 of 3



Requested Analysis Filtered (Y/N)

23

5.2 → 5.5

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

Page 2 of 3

Sampler is the same as relinquished, as on page 1. dbn 04/15/25

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

Page 3 of 3

[illegible]

Sampler is the same as relinquished by, as on page 1. dbn 04/15/25

500-266804

Page 1 of 3



Requested Analysis Filtered (Y/N)

5
6
8

22 → 25, 4.5 → 48, 1.1 → 1.7, 1.2 → 1.8

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

Page 2 of 3

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10
11
12
13
14
15
16

Page 3 of 3

Page 3 of 3

[illegible]

500-26680

Page 1 of 3



17
18
19

Wrong calc

6.9 → 7.0 SS	5.5 → 5.8
6.4 → 6.5 SS	4.8 → 5.1
6.4 → 6.5 SS	5.1 → 5.4
5.1 → 5.7	5.4 → 5.7

500-266801

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500-266801

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06/10/25 (Rev. 1)

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266801-3
SDG Number: VER_845_910-911

Login Number: 266801

List Number: 1

Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.5,2.5,4.8,1.7,1.8,5.7,5.8,5.1,5.4
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.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago



ANALYTICAL REPORT

PREPARED FOR

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

Generated 05/22/25 14:27:32

JOB DESCRIPTION

VER-25Q2
VER_000_RAD

JOB NUMBER

500-266801-2

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
05/22/25 14:27:32

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

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

Laboratory Job ID: 500-266801-2
SDG: VER_000_RAD

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Case Narrative

Client: Vistra Energy Corp
Project: VER-25Q2

Job ID: 500-266801-2

Job ID: 500-266801-2

Eurofins Chicago

Job Narrative 500-266801-2

Receipt

The samples were received on 4/15/2025 7:39 AM, 4/15/2025 12:15 PM, 4/16/2025 12:36 PM and 4/17/2025 11:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 1.7°C, 1.8°C, 2.5°C, 4.8°C, 5.1°C, 5.4°C, 5.5°C, 5.7°C and 5.8°C.

Receipt Exceptions

The reference method requires samples to have a pH of less than 2. The following sample was received with a pH of 7: 21 (500-266801-23). The sample was adjusted to the appropriate pH in the laboratory. Affected container: D-23

Gas Flow Proportional Counter

Method 904.0: Radium 228 Batch 160-713485: The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. 03R (500-266801-5)

Method 904.0: Radium-228 Prep Batch 160-713895: The detection goal was not met for the following sample due to the reduction of sample size require by the presence of matrix interferences (turbidity and/or discoloration noted by the prep analyst): 22_FD (500-266801-25). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium 228 Batch 160-713709: The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. 22 (500-266801-24)

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

Rad

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

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Detection Summary

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 10R	Lab Sample ID: 500-266801-1
No Detections.	
Client Sample ID: 10R_FD	Lab Sample ID: 500-266801-2
No Detections.	
Client Sample ID: 16A	Lab Sample ID: 500-266801-3
No Detections.	
Client Sample ID: FB	Lab Sample ID: 500-266801-4
No Detections.	
Client Sample ID: 03R	Lab Sample ID: 500-266801-5
No Detections.	
Client Sample ID: 05	Lab Sample ID: 500-266801-6
No Detections.	
Client Sample ID: 05_FD	Lab Sample ID: 500-266801-7
No Detections.	
Client Sample ID: 08R	Lab Sample ID: 500-266801-8
No Detections.	
Client Sample ID: 35&D	Lab Sample ID: 500-266801-9
No Detections.	
Client Sample ID: 38	Lab Sample ID: 500-266801-10
No Detections.	
Client Sample ID: 41	Lab Sample ID: 500-266801-11
No Detections.	
Client Sample ID: 42	Lab Sample ID: 500-266801-12
No Detections.	
Client Sample ID: 43	Lab Sample ID: 500-266801-13
No Detections.	
Client Sample ID: 70&D	Lab Sample ID: 500-266801-14
No Detections.	
Client Sample ID: 70#S	Lab Sample ID: 500-266801-15
No Detections.	
Client Sample ID: 71#S	Lab Sample ID: 500-266801-16
No Detections.	

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 02	Lab Sample ID: 500-266801-17
No Detections.	
Client Sample ID: 04	Lab Sample ID: 500-266801-18
No Detections.	
Client Sample ID: 07R	Lab Sample ID: 500-266801-19
No Detections.	
Client Sample ID: 17	Lab Sample ID: 500-266801-20
No Detections.	
Client Sample ID: 20	Lab Sample ID: 500-266801-21
No Detections.	
Client Sample ID: 20_FD	Lab Sample ID: 500-266801-22
No Detections.	
Client Sample ID: 21	Lab Sample ID: 500-266801-23
No Detections.	
Client Sample ID: 22	Lab Sample ID: 500-266801-24
No Detections.	
Client Sample ID: 22_FD	Lab Sample ID: 500-266801-25
No Detections.	
Client Sample ID: 34	Lab Sample ID: 500-266801-26
No Detections.	
Client Sample ID: 36	Lab Sample ID: 500-266801-27
No Detections.	
Client Sample ID: 37	Lab Sample ID: 500-266801-28
No Detections.	

Method Summary

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

Job ID: 500-266801-2
SDG: VER_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	Combined Radium-226 and Radium-228	TAL-STL	EET SL
Pos			
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

- Protocol References:**
- EPA = US Environmental Protection Agency
 - None = None
 - TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.
- Laboratory References:**
- EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-266801-1	10R	Water	04/14/25 15:25	04/15/25 12:15
500-266801-2	10R_FD	Water	04/14/25 15:40	04/15/25 12:15
500-266801-3	16A	Water	04/14/25 16:25	04/15/25 12:15
500-266801-4	FB	Water	04/15/25 08:40	04/15/25 12:15
500-266801-5	03R	Water	04/15/25 11:00	04/16/25 12:36
500-266801-6	05	Water	04/15/25 14:25	04/16/25 12:36
500-266801-7	05_FD	Water	04/15/25 14:30	04/16/25 12:36
500-266801-8	08R	Water	04/15/25 11:30	04/16/25 12:36
500-266801-9	35&D	Water	04/15/25 08:35	04/16/25 12:36
500-266801-10	38	Water	04/15/25 15:05	04/16/25 12:36
500-266801-11	41	Water	04/15/25 14:05	04/16/25 12:36
500-266801-12	42	Water	04/15/25 16:20	04/16/25 12:36
500-266801-13	43	Water	04/15/25 15:30	04/16/25 12:36
500-266801-14	70&D	Water	04/15/25 11:05	04/16/25 12:36
500-266801-15	70#S	Water	04/15/25 11:40	04/16/25 12:36
500-266801-16	71#S	Water	04/15/25 12:40	04/16/25 12:36
500-266801-17	02	Water	04/16/25 14:00	04/17/25 11:45
500-266801-18	04	Water	04/16/25 08:15	04/17/25 11:45
500-266801-19	07R	Water	04/16/25 14:40	04/17/25 11:45
500-266801-20	17	Water	04/16/25 14:20	04/17/25 11:45
500-266801-21	20	Water	04/16/25 09:35	04/17/25 11:45
500-266801-22	20_FD	Water	04/16/25 09:45	04/17/25 11:45
500-266801-23	21	Water	04/16/25 11:50	04/17/25 11:45
500-266801-24	22	Water	04/16/25 13:05	04/17/25 11:45
500-266801-25	22_FD	Water	04/16/25 13:15	04/17/25 11:45
500-266801-26	34	Water	04/16/25 10:15	04/17/25 11:45
500-266801-27	36	Water	04/17/25 08:20	04/17/25 11:45
500-266801-28	37	Water	04/16/25 15:20	04/17/25 11:45

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 10R

Lab Sample ID: 500-266801-1

Date Collected: 04/14/25 15:25

Matrix: Water

Date Received: 04/15/25 12:15

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	0.0536	U	0.196	0.196	1.00	0.384	pCi/L	04/21/25 07:28	05/20/25 17:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:28	05/20/25 17:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.545	U	0.439	0.441	1.00	0.677	pCi/L	04/21/25 07:32	05/20/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:32	05/20/25 09:42	1
Y Carrier	84.5		30 - 110					04/21/25 07:32	05/20/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.598	U	0.481	0.483	5.00	0.677	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 10R_FD

Lab Sample ID: 500-266801-2

Date Collected: 04/14/25 15:40

Matrix: Water

Date Received: 04/15/25 12:15

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	0.407		0.286	0.289	1.00	0.398	pCi/L	04/21/25 07:28	05/20/25 17:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.6		30 - 110					04/21/25 07:28	05/20/25 17:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.263	U	0.412	0.413	1.00	0.701	pCi/L	04/21/25 07:32	05/20/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.6		30 - 110					04/21/25 07:32	05/20/25 09:42	1
Y Carrier	82.6		30 - 110					04/21/25 07:32	05/20/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.670	U	0.502	0.504	5.00	0.701	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 16A

Lab Sample ID: 500-266801-3

Date Collected: 04/14/25 16:25

Matrix: Water

Date Received: 04/15/25 12:15

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	0.577		0.247	0.252	1.00	0.258	pCi/L	04/21/25 07:28	05/20/25 17:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		30 - 110					04/21/25 07:28	05/20/25 17:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.696		0.358	0.363	1.00	0.500	pCi/L	04/21/25 07:32	05/20/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		30 - 110					04/21/25 07:32	05/20/25 09:42	1
Y Carrier	82.6		30 - 110					04/21/25 07:32	05/20/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.27		0.435	0.442	5.00	0.500	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: FB

Lab Sample ID: 500-266801-4

Date Collected: 04/15/25 08:40

Matrix: Water

Date Received: 04/15/25 12:15

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	0.0849	U	0.160	0.161	1.00	0.287	pCi/L	04/21/25 07:28	05/20/25 17:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					04/21/25 07:28	05/20/25 17:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.286	U	0.356	0.357	1.00	0.590	pCi/L	04/21/25 07:32	05/20/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					04/21/25 07:32	05/20/25 09:42	1
Y Carrier	80.7		30 - 110					04/21/25 07:32	05/20/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.371	U	0.390	0.392	5.00	0.590	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 03R

Lab Sample ID: 500-266801-5

Date Collected: 04/15/25 11:00

Matrix: Water

Date Received: 04/16/25 12:36

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	0.592	U	0.454	0.458	1.00	0.660	pCi/L	04/21/25 07:28	05/20/25 17:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					04/21/25 07:28	05/20/25 17:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.82	G	0.875	0.891	1.00	1.22	pCi/L	04/21/25 07:32	05/20/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					04/21/25 07:32	05/20/25 09:42	1
Y Carrier	81.9		30 - 110					04/21/25 07:32	05/20/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	2.41		0.986	1.00	5.00	1.22	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 05

Lab Sample ID: 500-266801-6

Date Collected: 04/15/25 14:25

Matrix: Water

Date Received: 04/16/25 12:36

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	0.0605	U	0.209	0.209	1.00	0.389	pCi/L	04/21/25 07:28	05/20/25 17:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					04/21/25 07:28	05/20/25 17:44	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	-0.185	U	0.290	0.291	1.00	0.602	pCi/L	04/21/25 07:32	05/20/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					04/21/25 07:32	05/20/25 09:42	1
Y Carrier	76.6		30 - 110					04/21/25 07:32	05/20/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0605	U	0.357	0.358	5.00	0.602	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 05_FD

Lab Sample ID: 500-266801-7

Date Collected: 04/15/25 14:30

Matrix: Water

Date Received: 04/16/25 12:36

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	0.00832	U	0.180	0.180	1.00	0.355	pCi/L	04/21/25 07:28	05/20/25 17:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.9		30 - 110					04/21/25 07:28	05/20/25 17:44	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	0.498	U	0.382	0.384	1.00	0.591	pCi/L	04/21/25 07:32	05/20/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.9		30 - 110					04/21/25 07:32	05/20/25 09:42	1
Y Carrier	81.1		30 - 110					04/21/25 07:32	05/20/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.506	U	0.422	0.424	5.00	0.591	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 08R

Lab Sample ID: 500-266801-8

Date Collected: 04/15/25 11:30

Matrix: Water

Date Received: 04/16/25 12:36

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.414		0.261	0.264	1.00	0.358	pCi/L	04/21/25 07:28	05/20/25 17:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.7		30 - 110					04/21/25 07:28	05/20/25 17:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.18		0.447	0.460	1.00	0.561	pCi/L	04/21/25 07:32	05/20/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.7		30 - 110					04/21/25 07:32	05/20/25 09:42	1
Y Carrier	81.9		30 - 110					04/21/25 07:32	05/20/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.59		0.518	0.530	5.00	0.561	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 35&D

Lab Sample ID: 500-266801-9

Date Collected: 04/15/25 08:35

Matrix: Water

Date Received: 04/16/25 12:36

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	0.0319	U	0.147	0.147	1.00	0.290	pCi/L	04/21/25 07:28	05/20/25 17:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.3		30 - 110					04/21/25 07:28	05/20/25 17:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.690		0.376	0.382	1.00	0.534	pCi/L	04/21/25 07:32	05/20/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.3		30 - 110					04/21/25 07:32	05/20/25 09:42	1
Y Carrier	82.6		30 - 110					04/21/25 07:32	05/20/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.722		0.404	0.409	5.00	0.534	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 38

Lab Sample ID: 500-266801-10

Date Collected: 04/15/25 15:05

Matrix: Water

Date Received: 04/16/25 12:36

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	0.382		0.275	0.277	1.00	0.381	pCi/L	04/21/25 07:28	05/20/25 17:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.6		30 - 110					04/21/25 07:28	05/20/25 17:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.07		0.518	0.528	1.00	0.726	pCi/L	04/21/25 07:32	05/20/25 09:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.6		30 - 110					04/21/25 07:32	05/20/25 09:33	1
Y Carrier	84.5		30 - 110					04/21/25 07:32	05/20/25 09:33	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	1.45		0.586	0.596	5.00	0.726	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 41

Lab Sample ID: 500-266801-11

Date Collected: 04/15/25 14:05

Matrix: Water

Date Received: 04/16/25 12:36

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	0.472		0.287	0.290	1.00	0.360	pCi/L	04/21/25 07:28	05/20/25 17:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					04/21/25 07:28	05/20/25 17:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.07		0.607	0.636	1.00	0.680	pCi/L	04/21/25 07:32	05/20/25 09:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					04/21/25 07:32	05/20/25 09:33	1
Y Carrier	83.0		30 - 110					04/21/25 07:32	05/20/25 09:33	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	2.54		0.671	0.699	5.00	0.680	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 42

Lab Sample ID: 500-266801-12

Date Collected: 04/15/25 16:20

Matrix: Water

Date Received: 04/16/25 12:36

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	0.360		0.260	0.262	1.00	0.354	pCi/L	04/21/25 07:28	05/20/25 17:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					04/21/25 07:28	05/20/25 17:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.35		0.565	0.578	1.00	0.746	pCi/L	04/21/25 07:32	05/20/25 09:33	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					04/21/25 07:32	05/20/25 09:33	1
Y Carrier	80.4		30 - 110					04/21/25 07:32	05/20/25 09:33	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	1.71		0.622	0.635	5.00	0.746	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 43

Lab Sample ID: 500-266801-13

Date Collected: 04/15/25 15:30

Matrix: Water

Date Received: 04/16/25 12:36

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	0.689		0.296	0.303	1.00	0.337	pCi/L	04/21/25 07:28	05/20/25 17:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:28	05/20/25 17:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.772		0.421	0.427	1.00	0.603	pCi/L	04/21/25 07:32	05/20/25 09:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:32	05/20/25 09:34	1
Y Carrier	79.3		30 - 110					04/21/25 07:32	05/20/25 09:34	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	1.46		0.515	0.524	5.00	0.603	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 70&D

Lab Sample ID: 500-266801-14

Date Collected: 04/15/25 11:05

Matrix: Water

Date Received: 04/16/25 12:36

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	0.241	U	0.198	0.199	1.00	0.289	pCi/L	04/21/25 07:28	05/20/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					04/21/25 07:28	05/20/25 18:06	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	0.652		0.376	0.380	1.00	0.541	pCi/L	04/21/25 07:32	05/20/25 09:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					04/21/25 07:32	05/20/25 09:34	1
Y Carrier	80.7		30 - 110					04/21/25 07:32	05/20/25 09:34	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	0.893		0.425	0.429	5.00	0.541	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 70#S

Lab Sample ID: 500-266801-15

Date Collected: 04/15/25 11:40

Matrix: Water

Date Received: 04/16/25 12:36

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	0.0579	U	0.161	0.161	1.00	0.301	pCi/L	04/21/25 07:28	05/20/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.3		30 - 110					04/21/25 07:28	05/20/25 18:06	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	0.479		0.315	0.318	1.00	0.459	pCi/L	04/21/25 07:32	05/20/25 09:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.3		30 - 110					04/21/25 07:32	05/20/25 09:34	1
Y Carrier	81.1		30 - 110					04/21/25 07:32	05/20/25 09:34	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	0.537		0.354	0.356	5.00	0.459	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 71#S

Lab Sample ID: 500-266801-16

Date Collected: 04/15/25 12:40

Matrix: Water

Date Received: 04/16/25 12:36

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0123	U	0.148	0.148	1.00	0.300	pCi/L	04/21/25 07:28	05/20/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.6		30 - 110					04/21/25 07:28	05/20/25 18:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.49		0.475	0.495	1.00	0.579	pCi/L	04/21/25 07:32	05/20/25 09:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.6		30 - 110					04/21/25 07:32	05/20/25 09:34	1
Y Carrier	83.7		30 - 110					04/21/25 07:32	05/20/25 09:34	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	1.50		0.498	0.517	5.00	0.579	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 02
Date Collected: 04/16/25 14:00
Date Received: 04/17/25 11:45

Lab Sample ID: 500-266801-17
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	0.111	U	0.184	0.184	1.00	0.321	pCi/L	04/21/25 07:28	05/20/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110					04/21/25 07:28	05/20/25 18:06	1

Method: EPA 904.0 - Radium-228 (GFPC)										
Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.02		0.509	0.517	1.00	0.720	pCi/L	04/21/25 07:32	05/20/25 10:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110					04/21/25 07:32	05/20/25 10:32	1
Y Carrier	83.7		30 - 110					04/21/25 07:32	05/20/25 10:32	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228										
Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.13		0.541	0.549	5.00	0.720	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 04

Lab Sample ID: 500-266801-18

Date Collected: 04/16/25 08:15

Matrix: Water

Date Received: 04/17/25 11:45

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	0.241	U	0.241	0.242	1.00	0.384	pCi/L	04/21/25 07:28	05/20/25 19:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					04/21/25 07:28	05/20/25 19:39	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	0.468	U	0.402	0.404	1.00	0.632	pCi/L	04/21/25 07:32	05/20/25 10:32	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.4		30 - 110					04/21/25 07:32	05/20/25 10:32	1
Y Carrier	82.6		30 - 110					04/21/25 07:32	05/20/25 10:32	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.709		0.469	0.471	5.00	0.632	pCi/L		05/22/25 12:15	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 07R

Lab Sample ID: 500-266801-19

Date Collected: 04/16/25 14:40

Matrix: Water

Date Received: 04/17/25 11:45

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	0.189	U	0.208	0.208	1.00	0.334	pCi/L	04/21/25 07:31	05/20/25 19:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					04/21/25 07:31	05/20/25 19:39	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	2.80		0.696	0.742	1.00	0.754	pCi/L	04/21/25 07:32	05/20/25 10:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					04/21/25 07:32	05/20/25 10:31	1
Y Carrier	81.1		30 - 110					04/21/25 07:32	05/20/25 10:31	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	2.99		0.726	0.771	5.00	0.754	pCi/L		05/22/25 13:43	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 17

Lab Sample ID: 500-266801-20

Date Collected: 04/16/25 14:20

Matrix: Water

Date Received: 04/17/25 11:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2 σ +/-)	Total Uncert. (2 σ +/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0189	U	0.0888	0.0888	1.00	0.223	pCi/L	04/22/25 08:36	05/21/25 17:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.4		30 - 110					04/22/25 08:36	05/21/25 17:07	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2 σ +/-)	Total Uncert. (2 σ +/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.530	U	0.386	0.389	1.00	0.582	pCi/L	04/22/25 08:46	05/21/25 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.4		30 - 110					04/22/25 08:46	05/21/25 09:53	1
Y Carrier	66.2		30 - 110					04/22/25 08:46	05/21/25 09:53	1

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

Analyte	Result	Qualifier	Count Uncert. (2 σ +/-)	Total Uncert. (2 σ +/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.530	U	0.396	0.399	5.00	0.582	pCi/L		05/22/25 13:43	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 20

Lab Sample ID: 500-266801-21

Date Collected: 04/16/25 09:35

Matrix: Water

Date Received: 04/17/25 11:45

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	0.264	U	0.210	0.211	1.00	0.303	pCi/L	04/22/25 08:36	05/21/25 17:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.8		30 - 110					04/22/25 08:36	05/21/25 17:09	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.480	U	0.341	0.344	1.00	0.509	pCi/L	04/22/25 08:46	05/21/25 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.8		30 - 110					04/22/25 08:46	05/21/25 09:53	1
Y Carrier	77.8		30 - 110					04/22/25 08:46	05/21/25 09:53	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.744		0.400	0.404	5.00	0.509	pCi/L		05/22/25 13:43	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 20_FD

Lab Sample ID: 500-266801-22

Date Collected: 04/16/25 09:45

Matrix: Water

Date Received: 04/17/25 11:45

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	-0.00830	U	0.151	0.151	1.00	0.315	pCi/L	04/22/25 08:36	05/21/25 17:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.9		30 - 110					04/22/25 08:36	05/21/25 17:09	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.428	U	0.335	0.337	1.00	0.514	pCi/L	04/22/25 08:46	05/21/25 09:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.9		30 - 110					04/22/25 08:46	05/21/25 09:53	1
Y Carrier	77.4		30 - 110					04/22/25 08:46	05/21/25 09:53	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	0.428	U	0.367	0.369	5.00	0.514	pCi/L		05/22/25 13:43	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 21

Lab Sample ID: 500-266801-23

Date Collected: 04/16/25 11:50

Matrix: Water

Date Received: 04/17/25 11:45

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	U	0.336	0.338	1.00	0.510	pCi/L	04/22/25 08:36	05/21/25 17:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					04/22/25 08:36	05/21/25 17:10	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.14		0.528	0.538	1.00	0.713	pCi/L	04/22/25 08:46	05/21/25 09:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					04/22/25 08:46	05/21/25 09:55	1
Y Carrier	80.4		30 - 110					04/22/25 08:46	05/21/25 09:55	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	1.54		0.626	0.635	5.00	0.713	pCi/L		05/22/25 13:43	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 22

Lab Sample ID: 500-266801-24

Date Collected: 04/16/25 13:05

Matrix: Water

Date Received: 04/17/25 11:45

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	1.40		0.688	0.700	1.00	0.869	pCi/L	04/22/25 08:36	05/21/25 17:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.4		30 - 110					04/22/25 08:36	05/21/25 17:10	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	2.09	G	0.934	0.954	1.00	1.19	pCi/L	04/22/25 08:46	05/21/25 09:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.4		30 - 110					04/22/25 08:46	05/21/25 09:55	1
Y Carrier	74.4		30 - 110					04/22/25 08:46	05/21/25 09:55	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	3.49		1.16	1.18	5.00	1.19	pCi/L		05/22/25 13:43	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 22_FD

Lab Sample ID: 500-266801-25

Date Collected: 04/16/25 13:15

Matrix: Water

Date Received: 04/17/25 11:45

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	0.452	U	0.429	0.431	1.00	0.671	pCi/L	04/23/25 08:21	05/21/25 07:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					04/23/25 08:21	05/21/25 07:40	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	0.923	U G	0.689	0.694	1.00	1.05	pCi/L	04/23/25 08:24	05/20/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					04/23/25 08:24	05/20/25 11:50	1
Y Carrier	83.7		30 - 110					04/23/25 08:24	05/20/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.38		0.812	0.817	5.00	1.05	pCi/L		05/22/25 13:43	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 34

Lab Sample ID: 500-266801-26

Date Collected: 04/16/25 10:15

Matrix: Water

Date Received: 04/17/25 11:45

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	0.180	U	0.246	0.246	1.00	0.414	pCi/L	04/23/25 08:21	05/21/25 07:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					04/23/25 08:21	05/21/25 07:40	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	0.757	U	0.532	0.536	1.00	0.811	pCi/L	04/23/25 08:24	05/20/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					04/23/25 08:24	05/20/25 11:50	1
Y Carrier	80.0		30 - 110					04/23/25 08:24	05/20/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.936		0.586	0.590	5.00	0.811	pCi/L		05/22/25 13:43	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 36

Lab Sample ID: 500-266801-27

Date Collected: 04/17/25 08:20

Matrix: Water

Date Received: 04/17/25 11:45

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	0.285	U	0.205	0.207	1.00	0.294	pCi/L	04/23/25 08:21	05/21/25 07:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					04/23/25 08:21	05/21/25 07:40	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	0.144	U	0.319	0.320	1.00	0.558	pCi/L	04/23/25 08:24	05/20/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					04/23/25 08:24	05/20/25 11:50	1
Y Carrier	83.4		30 - 110					04/23/25 08:24	05/20/25 11:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.430	U	0.379	0.381	5.00	0.558	pCi/L		05/22/25 13:43	1

Client Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 37

Lab Sample ID: 500-266801-28

Date Collected: 04/16/25 15:20

Matrix: Water

Date Received: 04/17/25 11:45

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	0.539		0.274	0.278	1.00	0.324	pCi/L	04/23/25 08:21	05/21/25 07:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					04/23/25 08:21	05/21/25 07:40	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.22		0.583	0.594	1.00	0.822	pCi/L	04/23/25 08:24	05/20/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					04/23/25 08:24	05/20/25 11:51	1
Y Carrier	81.9		30 - 110					04/23/25 08:24	05/20/25 11:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.76		0.644	0.656	5.00	0.822	pCi/L		05/22/25 13:43	1

Definitions/Glossary

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

Rad

Prep Batch: 713484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-1	10R	Total/NA	Water	PrecSep-21	
500-266801-2	10R_FD	Total/NA	Water	PrecSep-21	
500-266801-3	16A	Total/NA	Water	PrecSep-21	
500-266801-4	FB	Total/NA	Water	PrecSep-21	
500-266801-5	03R	Total/NA	Water	PrecSep-21	
500-266801-6	05	Total/NA	Water	PrecSep-21	
500-266801-7	05_FD	Total/NA	Water	PrecSep-21	
500-266801-8	08R	Total/NA	Water	PrecSep-21	
500-266801-9	35&D	Total/NA	Water	PrecSep-21	
500-266801-10	38	Total/NA	Water	PrecSep-21	
500-266801-11	41	Total/NA	Water	PrecSep-21	
500-266801-12	42	Total/NA	Water	PrecSep-21	
500-266801-13	43	Total/NA	Water	PrecSep-21	
500-266801-14	70&D	Total/NA	Water	PrecSep-21	
500-266801-15	70#S	Total/NA	Water	PrecSep-21	
500-266801-16	71#S	Total/NA	Water	PrecSep-21	
500-266801-17	02	Total/NA	Water	PrecSep-21	
500-266801-18	04	Total/NA	Water	PrecSep-21	
500-266801-19	07R	Total/NA	Water	PrecSep-21	
MB 160-713484/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-713484/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-266801-13 MS	43	Total/NA	Water	PrecSep-21	
500-266801-13 MSD	43	Total/NA	Water	PrecSep-21	

Prep Batch: 713485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-1	10R	Total/NA	Water	PrecSep_0	
500-266801-2	10R_FD	Total/NA	Water	PrecSep_0	
500-266801-3	16A	Total/NA	Water	PrecSep_0	
500-266801-4	FB	Total/NA	Water	PrecSep_0	
500-266801-5	03R	Total/NA	Water	PrecSep_0	
500-266801-6	05	Total/NA	Water	PrecSep_0	
500-266801-7	05_FD	Total/NA	Water	PrecSep_0	
500-266801-8	08R	Total/NA	Water	PrecSep_0	
500-266801-9	35&D	Total/NA	Water	PrecSep_0	
500-266801-10	38	Total/NA	Water	PrecSep_0	
500-266801-11	41	Total/NA	Water	PrecSep_0	
500-266801-12	42	Total/NA	Water	PrecSep_0	
500-266801-13	43	Total/NA	Water	PrecSep_0	
500-266801-14	70&D	Total/NA	Water	PrecSep_0	
500-266801-15	70#S	Total/NA	Water	PrecSep_0	
500-266801-16	71#S	Total/NA	Water	PrecSep_0	
500-266801-17	02	Total/NA	Water	PrecSep_0	
500-266801-18	04	Total/NA	Water	PrecSep_0	
500-266801-19	07R	Total/NA	Water	PrecSep_0	
MB 160-713485/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-713485/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-266801-13 MS	43	Total/NA	Water	PrecSep_0	
500-266801-13 MSD	43	Total/NA	Water	PrecSep_0	

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

Rad

Prep Batch: 713708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-20	17	Total/NA	Water	PrecSep-21	
500-266801-21	20	Total/NA	Water	PrecSep-21	
500-266801-22	20_FD	Total/NA	Water	PrecSep-21	
500-266801-23	21	Total/NA	Water	PrecSep-21	
500-266801-24	22	Total/NA	Water	PrecSep-21	
MB 160-713708/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-713708/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 713709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-20	17	Total/NA	Water	PrecSep_0	
500-266801-21	20	Total/NA	Water	PrecSep_0	
500-266801-22	20_FD	Total/NA	Water	PrecSep_0	
500-266801-23	21	Total/NA	Water	PrecSep_0	
500-266801-24	22	Total/NA	Water	PrecSep_0	
MB 160-713709/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-713709/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 713894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-25	22_FD	Total/NA	Water	PrecSep-21	
500-266801-26	34	Total/NA	Water	PrecSep-21	
500-266801-27	36	Total/NA	Water	PrecSep-21	
500-266801-28	37	Total/NA	Water	PrecSep-21	
MB 160-713894/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-713894/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-266801-27 MS	36	Total/NA	Water	PrecSep-21	
500-266801-27 MSD	36	Total/NA	Water	PrecSep-21	

Prep Batch: 713895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-266801-25	22_FD	Total/NA	Water	PrecSep_0	
500-266801-26	34	Total/NA	Water	PrecSep_0	
500-266801-27	36	Total/NA	Water	PrecSep_0	
500-266801-28	37	Total/NA	Water	PrecSep_0	
MB 160-713895/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-713895/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-266801-27 MS	36	Total/NA	Water	PrecSep_0	
500-266801-27 MSD	36	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-713484/1-A

Matrix: Water

Analysis Batch: 718429

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 713484

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.08737	U	0.225	0.225	1.00	0.405	pCi/L	04/21/25 07:28	05/20/25 17:45	1
MB		MB								
Carrier	%Yield	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
Ba Carrier	92.6		30 - 110				04/21/25 07:28	05/20/25 17:45	1	

Lab Sample ID: LCS 160-713484/2-A

Matrix: Water

Analysis Batch: 718429

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 713484

Analyte			Spike	LCS	LCS	Total	RL	MDC	Unit	%Rec	%Rec Limits		
			Added	Result	Qual	Uncert. (2σ+/-)							
Radium-226			9.58	7.853		1.08	1.00	0.328	pCi/L	82	75 - 125		
LCS		LCS											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	91.8		30 - 110										

Lab Sample ID: 500-266801-13 MS

Matrix: Water

Analysis Batch: 718272

Client Sample ID: 43

Prep Type: Total/NA

Prep Batch: 713484

Analyte	Sample		Spike	MS	MS	Total	RL	MDC	Unit	%Rec	%Rec Limits		
	Result	Sample Qual	Added	Result	Qual	Uncert. (2σ+/-)							
Radium-226	0.689		9.52	9.363		1.25	1.00	0.411	pCi/L	91	60 - 140		
MS		MS											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	90.0		30 - 110										

Lab Sample ID: 500-266801-13 MSD

Matrix: Water

Analysis Batch: 718272

Client Sample ID: 43

Prep Type: Total/NA

Prep Batch: 713484

Analyte	Sample		Spike	MSD	MSD	Total	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
	Result	Sample Qual	Added	Result	Qual	Uncert. (2σ+/-)							
Radium-226	0.689		9.56	8.584		1.18	1.00	0.404	pCi/L	83	60 - 140	0.32	1
MSD		MSD											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	95.7		30 - 110										

Lab Sample ID: MB 160-713708/1-A

Matrix: Water

Analysis Batch: 718629

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 713708

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.08829	U	0.180	0.180	1.00	0.323	pCi/L	04/22/25 08:36	05/21/25 17:02	1

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QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

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

Lab Sample ID: MB 160-713708/1-A
Matrix: Water
Analysis Batch: 718629Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 713708

	MB	MB				
<u>Carrier</u>	<u>%Yield</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Ba Carrier	91.3		30 - 110	04/22/25 08:36	05/21/25 17:02	1

Lab Sample ID: LCS 160-713708/2-A
Matrix: Water
Analysis Batch: 718629Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713708

				Total									
			Spike	LCS	LCS	Uncert.				%Rec			
Analyte			Added	Result	Qual	(2σ+/-)	RL	MDC	Unit	%Rec	Limits		
Radium-226			9.58	8.980		1.21	1.00	0.388	pCi/L	94	75 - 125		
		LCS	LCS										
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	89.8		30 - 110										

Lab Sample ID: MB 160-713894/1-A
Matrix: Water
Analysis Batch: 718628Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 713894

Analyte	MB	MB	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert.	Uncert.						
Radium-226	-0.01632	U	(2σ+/-) 0.115	(2σ+/-) 0.115	1.00	0.251	pCi/L	04/23/25 08:21	05/21/25 07:40	1
Carrier	MB	MB	Limits				Prepared		Analyzed	Dil Fac
Ba Carrier	%Yield 89.3	Qualifier	30 - 110				04/23/25 08:21		05/21/25 07:40	1

Lab Sample ID: LCS 160-713894/2-A
Matrix: Water
Analysis Batch: 718628Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713894

				Total								
		Spike	LCS	LCS	Uncert.					%Rec		
Analyte		Added	Result	Qual	(2σ+/-)	RL	MDC	Unit	%Rec	Limits		
Radium-226		9.58	7.716		1.02	1.00	0.264	pCi/L	81	75 - 125		
		LCS	LCS									
Carrier	%Yield	Qualifier	Limits									
Ba Carrier	93.6		30 - 110									

Lab Sample ID: 500-266801-27 MS
Matrix: Water
Analysis Batch: 718628Client Sample ID: 36
Prep Type: Total/NA
Prep Batch: 713894

							Total						
	Sample	Sample	Spike	MS	MS	Total					%Rec		
Analyte	Result	Qual	Added	Result	Qual	Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.285	U	9.56	8.654		1.12	1.00	0.305	pCi/L	87	60 - 140		
Carrier	MS %Yield	MS Qualifier	Limits										
Ba Carrier	89.3		30 - 110										

Eurofins Chicago

QC Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

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

Lab Sample ID: 500-266801-27 MSD

Matrix: Water

Analysis Batch: 718628

Client Sample ID: 36

Prep Type: Total/NA

Prep Batch: 713894

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	0.285	U	9.55	9.883		1.24	1.00	0.252	pCi/L	101	60 - 140	0.52	1
Carrier	%Yield	MSD Qualifier	Limits										
Ba Carrier	86.7		30 - 110										

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-713485/1-A

Matrix: Water

Analysis Batch: 718272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 713485

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4679	U	0.355	0.357	1.00	0.544	pCi/L	04/21/25 07:32	05/20/25 09:41	1
Carrier	%Yield	MB Qualifier	Limits							
Ba Carrier	92.6		30 - 110							
Y Carrier	80.4		30 - 110							
								Prepared	Analyzed	Dil Fac
								04/21/25 07:32	05/20/25 09:41	1
								04/21/25 07:32	05/20/25 09:41	1

Lab Sample ID: LCS 160-713485/2-A

Matrix: Water

Analysis Batch: 718272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 713485

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.43	10.99		1.44	1.00	0.556	pCi/L	117	75 - 125
Carrier	%Yield	LCS Qualifier	Limits						
Ba Carrier	91.8		30 - 110						
Y Carrier	81.5		30 - 110						

Lab Sample ID: 500-266801-13 MS

Matrix: Water

Analysis Batch: 718433

Client Sample ID: 43

Prep Type: Total/NA

Prep Batch: 713485

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	0.772		9.37	11.07		1.44	1.00	0.521	pCi/L	110	60 - 140
Carrier	%Yield	MS Qualifier	Limits								
Ba Carrier	90.0		30 - 110								
Y Carrier	80.4		30 - 110								

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

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

Lab Sample ID: 500-266801-13 MSD

Matrix: Water

Analysis Batch: 718433

Client Sample ID: 43

Prep Type: Total/NA

Prep Batch: 713485

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	0.772		9.41	10.24		1.35	1.00	0.509	pCi/L	101	60 - 140	0.30	1
Carrier	MSD %Yield	MSD Qualifier	MSD Limits										
Ba Carrier	95.7		30 - 110										
Y Carrier	82.2		30 - 110										

Lab Sample ID: MB 160-713709/1-A

Matrix: Water

Analysis Batch: 718627

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 713709

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4052	U	0.362	0.363	1.00	0.572	pCi/L	04/22/25 08:46	05/21/25 09:50	1
Carrier	MB %Yield	MB Qualifier	MB Limits							
Ba Carrier	91.3		30 - 110							
Y Carrier	77.8		30 - 110							
								Prepared	Analyzed	Dil Fac
								04/22/25 08:46	05/21/25 09:50	1
								04/22/25 08:46	05/21/25 09:50	1

Lab Sample ID: LCS 160-713709/2-A

Matrix: Water

Analysis Batch: 718627

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 713709

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.43	11.60		1.53	1.00	0.564	pCi/L	123	75 - 125
Carrier	LCS %Yield	LCS Qualifier	LCS Limits						
Ba Carrier	89.8		30 - 110						
Y Carrier	77.4		30 - 110						

Lab Sample ID: MB 160-713895/1-A

Matrix: Water

Analysis Batch: 718429

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 713895

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.05245	U	0.268	0.269	1.00	0.518	pCi/L	04/23/25 08:24	05/20/25 11:49	1
Carrier	MB %Yield	MB Qualifier	MB Limits							
Ba Carrier	89.3		30 - 110							
Y Carrier	86.0		30 - 110							
								Prepared	Analyzed	Dil Fac
								04/23/25 08:24	05/20/25 11:49	1
								04/23/25 08:24	05/20/25 11:49	1

QC Sample Results

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

Job ID: 500-266801-2
SDG: VER_000_RAD

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

Lab Sample ID: LCS 160-713895/2-A
Matrix: Water
Analysis Batch: 718429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713895

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.43	9.830		1.30	1.00	0.480	pCi/L	104	75 - 125		
	LCS	LCS											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	93.6		30 - 110										
Y Carrier	85.2		30 - 110										

Lab Sample ID: 500-266801-27 MS
Matrix: Water
Analysis Batch: 718429

Client Sample ID: 36
Prep Type: Total/NA
Prep Batch: 713895

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	0.144	U	9.42	10.26		1.35	1.00	0.518	pCi/L	107	60 - 140		
	MS	MS											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	89.3		30 - 110										
Y Carrier	87.1		30 - 110										

Lab Sample ID: 500-266801-27 MSD
Matrix: Water
Analysis Batch: 718429

Client Sample ID: 36
Prep Type: Total/NA
Prep Batch: 713895

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	0.144	U	9.40	10.14		1.36	1.00	0.519	pCi/L	106	60 - 140	0.05	1
	MSD	MSD											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	86.7		30 - 110										
Y Carrier	84.9		30 - 110										

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 10R

Lab Sample ID: 500-266801-1

Date Collected: 04/14/25 15:25

Matrix: Water

Date Received: 04/15/25 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718429	SWS	EET SL	05/20/25 17:46
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718272	SWS	EET SL	05/20/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 10R_FD

Lab Sample ID: 500-266801-2

Date Collected: 04/14/25 15:40

Matrix: Water

Date Received: 04/15/25 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718429	SWS	EET SL	05/20/25 17:46
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718272	SWS	EET SL	05/20/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 16A

Lab Sample ID: 500-266801-3

Date Collected: 04/14/25 16:25

Matrix: Water

Date Received: 04/15/25 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718429	SWS	EET SL	05/20/25 17:46
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718272	SWS	EET SL	05/20/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: FB

Lab Sample ID: 500-266801-4

Date Collected: 04/15/25 08:40

Matrix: Water

Date Received: 04/15/25 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718272	SWS	EET SL	05/20/25 17:44
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718272	SWS	EET SL	05/20/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 03R

Lab Sample ID: 500-266801-5

Date Collected: 04/15/25 11:00

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718272	SWS	EET SL	05/20/25 17:44
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718272	SWS	EET SL	05/20/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 05

Lab Sample ID: 500-266801-6

Date Collected: 04/15/25 14:25

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718272	SWS	EET SL	05/20/25 17:44
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718272	SWS	EET SL	05/20/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 05_FD

Lab Sample ID: 500-266801-7

Date Collected: 04/15/25 14:30

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718272	SWS	EET SL	05/20/25 17:44
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718272	SWS	EET SL	05/20/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 08R

Lab Sample ID: 500-266801-8

Date Collected: 04/15/25 11:30

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718272	SWS	EET SL	05/20/25 17:44
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718272	SWS	EET SL	05/20/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 35&D

Lab Sample ID: 500-266801-9

Date Collected: 04/15/25 08:35

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718272	SWS	EET SL	05/20/25 17:45
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718272	SWS	EET SL	05/20/25 09:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 38

Lab Sample ID: 500-266801-10

Date Collected: 04/15/25 15:05

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718272	SWS	EET SL	05/20/25 17:45
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718433	SWS	EET SL	05/20/25 09:33
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 41

Lab Sample ID: 500-266801-11

Date Collected: 04/15/25 14:05

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718272	SWS	EET SL	05/20/25 17:45
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718433	SWS	EET SL	05/20/25 09:33
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 42

Lab Sample ID: 500-266801-12

Date Collected: 04/15/25 16:20

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718272	SWS	EET SL	05/20/25 17:45
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718433	SWS	EET SL	05/20/25 09:33
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Lab Chronicle

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 43

Lab Sample ID: 500-266801-13

Date Collected: 04/15/25 15:30

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718272	SWS	EET SL	05/20/25 17:45
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718433	SWS	EET SL	05/20/25 09:34
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 70&D

Lab Sample ID: 500-266801-14

Date Collected: 04/15/25 11:05

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718429	SWS	EET SL	05/20/25 18:06
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718433	SWS	EET SL	05/20/25 09:34
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 70#S

Lab Sample ID: 500-266801-15

Date Collected: 04/15/25 11:40

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718429	SWS	EET SL	05/20/25 18:06
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718433	SWS	EET SL	05/20/25 09:34
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 71#S

Lab Sample ID: 500-266801-16

Date Collected: 04/15/25 12:40

Matrix: Water

Date Received: 04/16/25 12:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718429	SWS	EET SL	05/20/25 18:06
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718433	SWS	EET SL	05/20/25 09:34
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 02

Date Collected: 04/16/25 14:00

Date Received: 04/17/25 11:45

Lab Sample ID: 500-266801-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718429	SWS	EET SL	05/20/25 18:06
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718442	SWS	EET SL	05/20/25 10:32
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 04

Date Collected: 04/16/25 08:15

Date Received: 04/17/25 11:45

Lab Sample ID: 500-266801-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:28
Total/NA	Analysis	903.0		1	718429	SWS	EET SL	05/20/25 19:39
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718442	SWS	EET SL	05/20/25 10:32
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 12:15

Client Sample ID: 07R

Date Collected: 04/16/25 14:40

Date Received: 04/17/25 11:45

Lab Sample ID: 500-266801-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713484	OGC	EET SL	04/21/25 07:31
Total/NA	Analysis	903.0		1	718429	SWS	EET SL	05/20/25 19:39
Total/NA	Prep	PrecSep_0			713485	OGC	EET SL	04/21/25 07:32
Total/NA	Analysis	904.0		1	718442	SWS	EET SL	05/20/25 10:31
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 13:43

Client Sample ID: 17

Date Collected: 04/16/25 14:20

Date Received: 04/17/25 11:45

Lab Sample ID: 500-266801-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713708	TYB	EET SL	04/22/25 08:36
Total/NA	Analysis	903.0		1	718627	SWS	EET SL	05/21/25 17:07
Total/NA	Prep	PrecSep_0			713709	TYB	EET SL	04/22/25 08:46
Total/NA	Analysis	904.0		1	718627	SWS	EET SL	05/21/25 09:53
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 13:43

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 20

Lab Sample ID: 500-266801-21

Date Collected: 04/16/25 09:35

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713708	TYB	EET SL	04/22/25 08:36
Total/NA	Analysis	903.0		1	718628	SWS	EET SL	05/21/25 17:09
Total/NA	Prep	PrecSep_0			713709	TYB	EET SL	04/22/25 08:46
Total/NA	Analysis	904.0		1	718627	SWS	EET SL	05/21/25 09:53
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 13:43

Client Sample ID: 20_FD

Lab Sample ID: 500-266801-22

Date Collected: 04/16/25 09:45

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713708	TYB	EET SL	04/22/25 08:36
Total/NA	Analysis	903.0		1	718628	SWS	EET SL	05/21/25 17:09
Total/NA	Prep	PrecSep_0			713709	TYB	EET SL	04/22/25 08:46
Total/NA	Analysis	904.0		1	718627	SWS	EET SL	05/21/25 09:53
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 13:43

Client Sample ID: 21

Lab Sample ID: 500-266801-23

Date Collected: 04/16/25 11:50

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713708	TYB	EET SL	04/22/25 08:36
Total/NA	Analysis	903.0		1	718628	SWS	EET SL	05/21/25 17:10
Total/NA	Prep	PrecSep_0			713709	TYB	EET SL	04/22/25 08:46
Total/NA	Analysis	904.0		1	718628	SWS	EET SL	05/21/25 09:55
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 13:43

Client Sample ID: 22

Lab Sample ID: 500-266801-24

Date Collected: 04/16/25 13:05

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713708	TYB	EET SL	04/22/25 08:36
Total/NA	Analysis	903.0		1	718628	SWS	EET SL	05/21/25 17:10
Total/NA	Prep	PrecSep_0			713709	TYB	EET SL	04/22/25 08:46
Total/NA	Analysis	904.0		1	718628	SWS	EET SL	05/21/25 09:55
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 13:43

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_000_RAD

Client Sample ID: 22_FD

Lab Sample ID: 500-266801-25

Date Collected: 04/16/25 13:15

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713894	OGC	EET SL	04/23/25 08:21
Total/NA	Analysis	903.0		1	718628	SWS	EET SL	05/21/25 07:40
Total/NA	Prep	PrecSep_0			713895	OGC	EET SL	04/23/25 08:24
Total/NA	Analysis	904.0		1	718429	SWS	EET SL	05/20/25 11:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 13:43

Client Sample ID: 34

Lab Sample ID: 500-266801-26

Date Collected: 04/16/25 10:15

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713894	OGC	EET SL	04/23/25 08:21
Total/NA	Analysis	903.0		1	718628	SWS	EET SL	05/21/25 07:40
Total/NA	Prep	PrecSep_0			713895	OGC	EET SL	04/23/25 08:24
Total/NA	Analysis	904.0		1	718429	SWS	EET SL	05/20/25 11:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 13:43

Client Sample ID: 36

Lab Sample ID: 500-266801-27

Date Collected: 04/17/25 08:20

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713894	OGC	EET SL	04/23/25 08:21
Total/NA	Analysis	903.0		1	718628	SWS	EET SL	05/21/25 07:40
Total/NA	Prep	PrecSep_0			713895	OGC	EET SL	04/23/25 08:24
Total/NA	Analysis	904.0		1	718429	SWS	EET SL	05/20/25 11:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 13:43

Client Sample ID: 37

Lab Sample ID: 500-266801-28

Date Collected: 04/16/25 15:20

Matrix: Water

Date Received: 04/17/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			713894	OGC	EET SL	04/23/25 08:21
Total/NA	Analysis	903.0		1	718628	SWS	EET SL	05/21/25 07:40
Total/NA	Prep	PrecSep_0			713895	OGC	EET SL	04/23/25 08:24
Total/NA	Analysis	904.0		1	718429	SWS	EET SL	05/20/25 11:51
Total/NA	Analysis	Ra226_Ra228 Pos		1	718403	SCB	EET SL	05/22/25 13:43

Laboratory References:

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

Eurofins Chicago

Accreditation/Certification Summary

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

Job ID: 500-266801-2
SDG: VER_000_RAD

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200023	11-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228
Ra226_Ra228 Pos		Water	Radium 226 and 228

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Section C

Invoice Information

Page 1 of 3

Company	Vistra Corp-Vermilion	Report To: Brian Voelker	Attention: Dianna Tickner				
Address	10188 E 2150 North Rd	Copy To: Dianna Tickner - dianna.tickner@vistracorp.com	Company Name	Vistra Corp	REGULATORY AGENCY		
	Danville, IL 61834		Address.	see Section A	NPDES	GROUND WATER	DRINKING WATER
Email To	Brian.Voelker@VistraCorp.com	Purchase Order No.	Quote Reference*		UST	RCRA	OTHER
Phone* (217) 753-8911	Fax:	Project Name*	Project Manager*		Site Location		
Requested Due Date/TAT	10 day	Project Number 50024222	Profile #:		STATE	IL	

500-266801 COC

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		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓ Y/N ↓	VER-000-RAD	VER-845-910-911	VER-845-912	VER-NPDES-912	VER-000-A	VER-000-B	VER-000-C	Residual Chlorine (Y/N)	Project No./ Lab I.D.
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other												
1	02																											
2	03R																											
3	04																											
4	05																											
5	05_FD																											
6	07R																											
7	08R																											
8	101&																											
9	103R																											
10	10R		WT		4/14/25	1526																						
11	10R_FD		VT		4/14/25	1540																						
12	16A		WT		4/14/25	1625																						
13	16IB																											
14	17																											
15	20																											
16	20_FD																											
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS															
VER-25Q2 Rev 0			C200104 Asst. Dir. / RSE P. J. Ellis			4/15/25	1000	P. J. Ellis P. J. Ellis			4/15/25	0944																
						4/15/25	1215				4/15/25	1215																

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER	SIGNATURE of SAMPLER.				
George Savallino	[Signature]	4/15/25			

5.2 → 5.5

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Page 2 of 3

[illegible]

Sampler is the same as relinquished, as on page 1. dbn 04/15/25

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

Page 3 of 3

[illegible]

Sampler is the same as relinquished by, as on page 1. dbn 04/15/25

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



5
6
8

22 → 25, 4.5 → 48, 1.1 → 1.7, 1.2 → 1.8

500-266801

500-266801

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9
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16

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[illegible]

500-26680

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17
18
19

Wrong calc

9.7 → 7.0, SS	5.5 → 5.8
6.4 → 6.5, SS	4.8 → 5.1
6.4 → 6.5, SS	5.1 → 5.4
6.4 → 5.7	5.4 → 5.7

500-266801

Page 2 of 3

Section A Required Client Information		Section B Required Project Information		Section C Invoice Information		Page 2 of 3	
Company: Vistra Corp-Vermillion		Report To: Brian Voelker		Attention: Dianna Tickner		REGULATORY AGENCY	
Address: 10188 E 2150 North Rd Danville, IL 61834		Copy To: Dianna Tickner - dianna.tickner@vistracorp.com		Company Name: Vistra Corp			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.		Address: see Section A		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911 Fax:		Project Name		Quote Reference:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day		Project Number: 50024222		Project Manager		Site Location	
				Profile #:		STATE IL	

23
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29
30

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	IOC No:							
Test/America Laboratories, Inc.		N/A	Nelson, Dirk	N/A	500-199826-1							
Shipping/Receiving		Phone:	E-Mail:	State of Origin:	Page:							
		N/A	Dirk.Nelson@et.eurofins.com	Illinois	Page 1 of 2							
Company:		Accreditations Required (See note):			Job #:							
Test/America Laboratories, Inc.		NELAP - Illinois			500-266801-1							
Address:		Due Date Requested:		Preservation Codes:								
13715 Rider Trail North,		4/29/2025		-								
City:		TAT Requested (days):										
Earth City		N/A										
State, Zip:												
MO, 63045												
Phone:		PO #:										
314-298-8566(Tel) 314-298-8757(Fax)		N/A										
Email:		WO #:										
N/A		N/A										
Project Name:		Project #:										
VER-25Q2		50024222										
Site:		SSOW#:										
Vistra Corp-Vermilion		N/A										
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=water, S=solid, O=soil, BT=Tissue, AA=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PresSep_21 BL	904.0/PresSep_0 BL	Ra226_228GFP_C/P BL	Analysis Requested	Total Number of containers	Special Instructions/Note:
03R (500-266801-5)	4/15/25	11:00 Central	G	Water			X	X	X		2	
05 (500-266801-6)	4/15/25	14:25 Central	G	Water			X	X	X		2	
05_FD (500-266801-7)	4/15/25	14:30 Central	G	Water			X	X	X		2	
07R (500-266801-8)	4/15/25	11:30 Central	G	Water			X	X	X		2	
35&D (500-266801-9)	4/15/25	08:35 Central	G	Water			X	X	X		2	
38 (500-266801-10)	4/15/25	15:05 Central	G	Water			X	X	X		2	
41 (500-266801-11)	4/15/25	14:05 Central	G	Water			X	X	X		2	
42 (500-266801-12)	4/15/25	16:20 Central	G	Water			X	X	X		2	
43 (500-266801-13)	4/15/25	15:30 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/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification
Unconfirmed
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2
Empty Kit Relinquished by: _____ Date: _____
Relinquished by: *Dirk Nelson* Date/Time: *4/16/25 1530* Company: _____
Relinquished by: _____ Date/Time: _____ Company: _____
Relinquished by: _____ Date/Time: _____ Company: _____
Custody Seals Intact: _____ Custody Seal No.: _____
Δ Yes Δ No

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Special Instructions/QC Requirements: _____
Method of Shipment: _____
Received by: *M. Pinette* Date/Time: *APR 17 2025 0830* Company: _____
Received by: _____ Date/Time: _____ Company: _____
Received by: _____ Date/Time: _____ Company: _____
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: 500-198863.1
Client Contact:		Phone: N/A	E-Mail: Dirk.Nelson@eurofins.com	State of Origin: Illinois	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois			Job #: 500-266801-1
Address: 13715 Rider Trail North, ,		Preservation Codes:			
City: Earth City		Analysis Requested			
State, Zip: MO, 63045		Due Date Requested: 4/30/2025			
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		TAT Requested (days): N/A			
Email: N/A		PO #: N/A			
WO #: N/A		Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)			
Project #: 50024222		Sample Type (C=comp, G=grab) Preservation Code			
Site: Vistra Corp-Vermilion		SSOW#: N/A			
		Sample Date			
		Sample Time			
		Field Filtered Sample (Yes or No)			
		Perform MS/MSD (Yes or No)			
		90.0/PreSep_21 BL			
		90.4/PreSep_0 BL			
		Ra226_228GFP_C/BL			
		Total Number of containers			
		Special Instructions/Note:			
Sample Identification - Client ID (Lab ID)					
02 (500-266801-17)	4/16/25	14:00 Central	G	Water	X
04 (500-266801-18)	4/16/25	08:15 Central	G	Water	X
07R (500-266801-19)	4/16/25	14:40 Central	G	Water	X
17 (500-266801-20)	4/16/25	14:20 Central	G	Water	X
20 (500-266801-21)	4/16/25	09:35 Central	G	Water	X
20_FD (500-266801-22)	4/16/25	09:45 Central	G	Water	X
21 (500-266801-23)	4/16/25	11:50 Central	G	Water	X
22 (500-266801-24)	4/16/25	13:05 Central	G	Water	X
22_FD (500-266801-25)	4/16/25	13:15 Central	G	Water	X
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2					
Empty Kit Relinquished by: Date: Time: Method of Shipment:					
Relinquished by: Stephanie Hernandez Date/Time: 4/17/25 1700 Company: BEIA Received by: M. Pinette Date/Time: APR 18 2025 0830 Company:					
Relinquished by: Date/Time: Company:					
Relinquished by: Date/Time: Company:					
Custody Seals Intact: 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



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	GOC No: 500-199863.2						
Client Contact:		Phone: N/A	E-Mail: Dirk.Nelson@et.eurofins.com	State of Origin: Illinois	Page: Page 2 of 2						
Shipping/Receiving		Company: TestAmerica Laboratories, Inc.	Accreditations Required (See note): NELAP - Illinois	Job #: 500-266801-1	Preservation Codes:						
Address: 13715 Rider Trail North,		Due Date Requested: 4/30/2025	Analysis Requested								
City: Earth City		TAT Requested (days): N/A									
State, Zip: MO, 63045		PO #: N/A									
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A									
Email: N/A		Project #: 50024222									
Project Name: VER-25Q2		SSOW#: N/A									
Site: Vistra Corp-Vermilion											
Sample ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Solid, O=Soil, ST=Sludge, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PreSep, 21 BL	904.0/PreSep, 0 BL	Ra226, 228GFPc, P/BL	Total Number of Containers	Special Instructions/Note:
34 (500-266801-26)	4/16/25	10:15 Central	G	Water			X	X	X	2	
36 (500-266801-27)	4/16/25	08:20 Central	G	Water			X	X	X	2	
36 (500-266801-27MS)	4/16/25	08:20 Central	G	Water			X	X	X	2	
36 (500-266801-27MSD)	4/16/25	08:20 Central	G	Water			X	X	X	2	
37 (500-266801-28)	4/16/25	15:20 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											
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2											
Empty Kit Relinquished by: Date: Time: Method of Shipment:											
Relinquished by: Stephanie Hernandez Date/Time: 4/17/25 1700 Company: BEIA Received by: M. Pinette Date/Time: APR 18 2025 0830 Company:											
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: Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:											

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266801-2

SDG Number: VER_000_RAD

Login Number: 266801

List Number: 1

Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.5,2.5,4.8,1.7,1.8,5.7,5.8,5.1,5.4
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.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266801-2

SDG Number: VER_000_RAD

Login Number: 266801

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 04/16/25 11:02 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266801-2

SDG Number: VER_000_RAD

Login Number: 266801

List Number: 3

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 04/17/25 11:00 AM

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

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

Eurofins Chicago

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-266801-2

SDG Number: VER_000_RAD

Login Number: 266801

List Number: 4

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 04/18/25 11:34 AM

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

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

Eurofins Chicago



Tracer/Carrier Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_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)			
500-266801-1	10R	86.4			
500-266801-2	10R_FD	92.6			
500-266801-3	16A	97.4			
500-266801-4	FB	94.4			
500-266801-5	03R	88.2			
500-266801-6	05	88.5			
500-266801-7	05_FD	95.9			
500-266801-8	08R	86.7			
500-266801-9	35&D	91.3			
500-266801-10	38	93.6			
500-266801-11	41	88.2			
500-266801-12	42	89.0			
500-266801-13	43	86.4			
500-266801-13 MS	43	90.0			
500-266801-13 MSD	43	95.7			
500-266801-14	70&D	88.2			
500-266801-15	70#S	91.3			
500-266801-16	71#S	92.6			
500-266801-17	02	91.0			
500-266801-18	04	94.4			
500-266801-19	07R	85.9			
500-266801-20	17	95.4			
500-266801-21	20	89.8			
500-266801-22	20_FD	95.9			
500-266801-23	21	91.8			
500-266801-24	22	75.4			
500-266801-25	22_FD	84.4			
500-266801-26	34	89.5			
500-266801-27	36	88.5			
500-266801-27 MS	36	89.3			
500-266801-27 MSD	36	86.7			
500-266801-28	37	91.8			
LCS 160-713484/2-A	Lab Control Sample	91.8			
LCS 160-713708/2-A	Lab Control Sample	89.8			
LCS 160-713894/2-A	Lab Control Sample	93.6			
MB 160-713484/1-A	Method Blank	92.6			
MB 160-713708/1-A	Method Blank	91.3			
MB 160-713894/1-A	Method Blank	89.3			
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	Y		
		(30-110)	(30-110)		
500-266801-1	10R	86.4	84.5		
500-266801-2	10R_FD	92.6	82.6		

Eurofins Chicago

Tracer/Carrier Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q2Job ID: 500-266801-2
SDG: VER_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)
500-266801-3	16A	97.4	82.6
500-266801-4	FB	94.4	80.7
500-266801-5	03R	88.2	81.9
500-266801-6	05	88.5	76.6
500-266801-7	05_FD	95.9	81.1
500-266801-8	08R	86.7	81.9
500-266801-9	35&D	91.3	82.6
500-266801-10	38	93.6	84.5
500-266801-11	41	88.2	83.0
500-266801-12	42	89.0	80.4
500-266801-13	43	86.4	79.3
500-266801-13 MS	43	90.0	80.4
500-266801-13 MSD	43	95.7	82.2
500-266801-14	70&D	88.2	80.7
500-266801-15	70#S	91.3	81.1
500-266801-16	71#S	92.6	83.7
500-266801-17	02	91.0	83.7
500-266801-18	04	94.4	82.6
500-266801-19	07R	85.9	81.1
500-266801-20	17	95.4	66.2
500-266801-21	20	89.8	77.8
500-266801-22	20_FD	95.9	77.4
500-266801-23	21	91.8	80.4
500-266801-24	22	75.4	74.4
500-266801-25	22_FD	84.4	83.7
500-266801-26	34	89.5	80.0
500-266801-27	36	88.5	83.4
500-266801-27 MS	36	89.3	87.1
500-266801-27 MSD	36	86.7	84.9
500-266801-28	37	91.8	81.9
LCS 160-713485/2-A	Lab Control Sample	91.8	81.5
LCS 160-713709/2-A	Lab Control Sample	89.8	77.4
LCS 160-713895/2-A	Lab Control Sample	93.6	85.2
MB 160-713485/1-A	Method Blank	92.6	80.4
MB 160-713709/1-A	Method Blank	91.3	77.8
MB 160-713895/1-A	Method Blank	89.3	86.0

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Menominee Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailor								
Project Number: <u>2024-1111 2025.0021</u> Task #:			Start Date: <u>4/16</u> /2025			Time: <u>1325</u>								
Field Personnel: <u>G. Assailon</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>02</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>4119, 418</u>			
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4109, 514</u>			
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	1330	—	18.41	—	—	—	—	—	—	—	—		
Purge	5	1335	0.57	19.44	—	12.9	7.69	930	2.61	5.12	-75.1	clear		
	10	1340	1	21.99	—	12.9	7.73	952	0.49	4.21	-128.4	" "		
	15	1345	2	21.85	—	13.0	7.72	956	0.26	5.18	-148.7	" "		
*****	20	1356	3	21.80	—	13.0	7.71	951	0.19	5.98	-150.2	" "		
↓	25	1355	4	21.82	—	13.1	7.71	960	0.14	6.06	-155.7	" "		
Sample	30	1400	—	—	—	—	—	—	—	—	—	—		
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ 1400 on 4/15/2025									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

02 sampled @ 1400 on 4/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Huron Vermilion 2025.0021</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer						
Project Number: <u>2025-114</u>			Task #: <u>6. AS 50114</u>			Start Date: <u>4/15/2025</u>			Time: <u>1020</u>			
Field Personnel: <u>G. As 50114</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>03R</u>					Well Development							
Casing ID: _____ Inches					Well Volume Approach Sampling							
					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>1115939X</u>							
					(Specify): Low Flow Heron Serial NO: <u>09335X</u>							
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1025	—	7.41	—	—	—	—	—	—	—	—
Purge	5	1030	0.5	7.56	—	11.9	6.48	1466	4.02	164.30	-7.4	Clear
	10	1035	1	7.50	—	11.6	6.92	1458	1.41	237.90	-100.9	" "
	15	1040	1.5	7.49	—	11.4	7.00	1489	0.30	308.20	-123.3	Cloudy
*****	20	1045	2	7.50	—	11.4	7.02	1488	0.98	300.72	-120.1	Cloudy
	25	1050	2.5	7.46	—	11.4	7.03	1485	1.02	308.72	-117.0	" "
	30	1055	3	7.50	—	11.4	7.04	1484	1.68	307.42	-115.3	" "
Sample	35	1100	3	7.55	—	—	—	—	—	—	—	—
	40											
	45											
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sampled @ 1100 on 4/15/2025								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -				
								FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard				

03R sampled @ 1100 on 4/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Honoring Vermillion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Resistaltic Pump Portable Bladder Bailer								
Project Number: <u>2024-111 2025.0021</u>			Task #: <u></u>			Start Date: <u>4/16/2025</u>			Time: <u>740</u>					
Field Personnel: <u>Lorne</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>4</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>01196224</u>	
Casing ID: <u>2</u> <u>(Inches)</u>					Well Volume Approach Sampling				(Specify): Low Flow				Heron Serial NO: <u>17448</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	0740		7.11								<u>Clear</u>		
Purge	5	0745		7.19		9.2	7.46	503	0.74	23.89	-24.5			
	10	0750	1 GAL	7.26		9.2	7.48	505	0.41	13.99	-71.7			
	15	0755		7.32		9.2	7.44	519	0.24	11.37	-89.8			
*****	20	0800		7.38		9.2	7.41	525	0.21	10.50	-96.1			
	25	0805	1 GAL	7.41		9.2	7.42	538	0.20	9.90	-98.2			
	30	0810		7.48		9.2	7.42	529	0.21	8.17	-97.7			
	35	0815	2.5 GAL	7.52		9.2	7.43	528	0.20	8.62	-99.5			
	40													
	45													
	50													
	55													
	60													
NOTES (continued)										ABBREVIATIONS				
Sampled @ <u>0815</u> on <u>4/16/2025</u>										Cond. - Actual Conductivity			ORP - Oxidation-Reduction Potential SEC -	
										FT BTOC - Feet Below Top of Casing na -			Specific Electrical Conductance SU - Standard	

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hemlock Vermillion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailor						
Project Number: <u>2025-111 2025.021</u> Task #:			Start Date: <u>4/15/2025</u>			Time: <u>1356</u>						
Field Personnel: <u>G. Armitage</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>5</u> Casing ID: _____ Inches					Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: <u>U115039X</u> Heron Serial NO: <u>U109389X</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1400	—	7.05		—	—	—	—	—	—	—
Purge	5	1405	0.5	7.42		10.6	7.29	823	0.57	3.70	36.1	clear
	10	1410	1	7.75		10.6	7.23	823	0.12	3.19	39.9	" "
	15	1415	2.5	7.74		10.6	7.23	823	0.07	6.15	39.0	" "
*****	20	1420	4	7.71		10.6	7.21	824	0.04	3.02	36.6	" "
Sample	25	1425	—	7.73		—	—	—	—	—	—	—
Sample	30	1430	—	7.75		—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ 1425 Sampled @ 1430 on 4/15/2025									Cond. - Actual Conductivity FT BTOC - Feet Below Top of Casing na - ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard			

5 sampled @ 1425 on 4/15/25
5FD sampled @ 1430 on 4/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: Hennepin <u>Vermilion</u> 2025-0021			Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer									
Project Number: <u>2024-1111</u>		Task #:		Start Date: <u>4/16</u> /2025		Time: <u>1355</u>								
Field Personnel: <u>G. Armstrong</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>OTR</u>				Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>61144147</u>				
Casing ID: _____ Inches				Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>U1043394</u>				
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	<u>1400</u>	<u>—</u>	<u>18.29</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>		
Purge	5	<u>1405</u>	<u>0.5</u>	<u>18.35</u>		<u>11.7</u>	<u>7.31</u>	<u>2678</u>	<u>7.88</u>	<u>286.53</u>	<u>-68.5</u>	<u>Orange</u>		
	10	<u>1410</u>	<u>0.8</u>	<u>18.21</u>		<u>11.6</u>	<u>6.91</u>	<u>2791</u>	<u>4.89</u>	<u>150.27</u>	<u>-34.8</u>	<u>Clear</u>		
	15	<u>1415</u>	<u>1</u>	<u>18.53</u>		<u>11.9</u>	<u>6.91</u>	<u>2799</u>	<u>3.21</u>	<u>54.73</u>	<u>-9.1</u>	<u>Clear</u>		
*****	20	<u>1420</u>	<u>1</u>	<u>18.69</u>		<u>12.0</u>	<u>6.90</u>	<u>2804</u>	<u>3.60</u>	<u>56.40</u>	<u>3.1</u>	<u>" "</u>		
	25	<u>1425</u>	<u>1.5</u>	<u>18.68</u>		<u>12.0</u>	<u>6.90</u>	<u>2808</u>	<u>3.47</u>	<u>55.37</u>	<u>9.90</u>	<u>" "</u>		
	30	<u>1430</u>	<u>2</u>	<u>18.70</u>		<u>12.1</u>	<u>6.91</u>	<u>2808</u>	<u>3.57</u>	<u>53.72</u>	<u>16.30</u>	<u>" "</u>		
	35	<u>1435</u>	<u>2.5</u>	<u>18.71</u>		<u>12.1</u>	<u>6.91</u>	<u>2806</u>	<u>3.60</u>	<u>54.32</u>	<u>15.76</u>	<u>" "</u>		
Sample	40	<u>1440</u>	<u>3</u>	<u>18.69</u>		<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>		
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1440</u> on <u>4/16</u> / 2025									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

OTR Sampled @ 1440 on 4/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer						
Project Number: <u>2024-144 2025.0021</u>			Task #:			Start Date: <u>4/15/2025</u>			Time: <u>1100</u>			
Field Personnel: <u>G. Arallay</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>8R</u>					Well Development							
Casing ID: _____ Inches					Well Volume Approach Sampling							
					Low-Flow / Low Stress Sampling Other (Specify): Low Flow							
					YSI SERIAL NO: <u>4115939X</u> Heron Serial NO: <u>4119335X</u>							
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	<u>1100</u>	<u>—</u>	<u>12.71</u>		<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Purge	5	<u>1105</u>	<u>0.5</u>	<u>12.99</u>		<u>11.1</u>	<u>7.00</u>	<u>1275</u>	<u>0.18</u>	<u>288.70</u>	<u>-45.7</u>	<u>12.4</u>
	10	<u>1110</u>	<u>1</u>	<u>13.35</u>		<u>10.7</u>	<u>6.60</u>	<u>1227</u>	<u>0.18</u>	<u>17.12</u>	<u>-22.7</u>	<u>12.4</u>
	15	<u>1115</u>	<u>2</u>	<u>13.42</u>		<u>10.7</u>	<u>6.60</u>	<u>1294</u>	<u>0.18</u>	<u>4.81</u>	<u>-33.5</u>	<u>" "</u>
*****	20	<u>1120</u>	<u>3</u>	<u>13.32</u>		<u>10.7</u>	<u>6.71</u>	<u>1305</u>	<u>0.12</u>	<u>5.80</u>	<u>-42.3</u>	<u>" "</u>
Sample	25	<u>1125</u>	<u>3.5</u>	<u>13.34</u>		<u>10.7</u>	<u>6.72</u>	<u>1309</u>	<u>0.09</u>	<u>3.45</u>	<u>-46.3</u>	<u>" "</u>
	30	<u>1130</u>	<u>4</u>	<u>12.54</u>		<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ 1130 on 4/15/2025									Cond. - Actual Conductivity			
									FT BTOC - Feet Below Top of Casing na -			
									ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard			

8R sampled @ 1130 on 4/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer						
Project Number: <u>2024-1144 2025.0021</u>			Task #:			Start Date: <u>4/14/2025</u>		Time: <u>1425</u>				
Field Personnel: <u>Lorne</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>100</u>					Well Development							
Casing ID: <u>2</u> inches					Well Volume Approach Sampling <u>200 m</u>							
					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>01191660X</u> (Specify): Low Flow Heron Serial NO: <u>174118</u>							
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	<u>1425</u>		<u>51.38</u>								<u>Clear</u>
Purge	5	<u>1430</u>		<u>51.39</u>		<u>15.2</u>	<u>7.03</u>	<u>1018</u>	<u>2.96</u>	<u>585.70</u>	<u>194.5</u>	
	10	<u>1435</u>		<u>51.45</u>		<u>14.0</u>	<u>7.03</u>	<u>1013</u>	<u>1.89</u>	<u>442.50</u>	<u>67.5</u>	
	15	<u>1440</u>		<u>51.47</u>		<u>13.9</u>	<u>6.99</u>	<u>989</u>	<u>1.43</u>	<u>203.40</u>	<u>-27.9</u>	
*****	20	<u>1445</u>		<u>51.50</u>		<u>13.9</u>	<u>6.99</u>	<u>986</u>	<u>1.41</u>	<u>192.40</u>	<u>-36.8</u>	
	25	<u>1450</u>		<u>51.54</u>		<u>13.8</u>	<u>6.99</u>	<u>980</u>	<u>1.39</u>	<u>150.42</u>	<u>-62.7</u>	
	30	<u>1455</u>		<u>51.59</u>		<u>13.8</u>	<u>7.00</u>	<u>946</u>	<u>1.22</u>	<u>38.50</u>	<u>-69.9</u>	
	35	<u>1500</u>		<u>51.60</u>		<u>13.7</u>	<u>7.01</u>	<u>939</u>	<u>1.18</u>	<u>78.82</u>	<u>-73.3</u>	
	40	<u>1505</u>		<u>51.62</u>		<u>13.7</u>	<u>7.02</u>	<u>933</u>	<u>1.15</u>	<u>71.70</u>	<u>-76.2</u>	
	45	<u>1510</u>		<u>51.60</u>		<u>13.7</u>	<u>7.05</u>	<u>927</u>	<u>1.07</u>	<u>62.20</u>	<u>-78.1</u>	
	50	<u>1515</u>		<u>51.62</u>		<u>13.7</u>	<u>7.06</u>	<u>917</u>	<u>1.02</u>	<u>120.42</u>	<u>-80.9</u>	
	55	<u>1520</u>		<u>51.59</u>		<u>13.7</u>	<u>7.07</u>	<u>905</u>	<u>1.00</u>	<u>124.72</u>	<u>-88.9</u>	
	60	<u>1525</u>		<u>51.62</u>		<u>13.7</u>	<u>7.07</u>	<u>900</u>	<u>1.00</u>	<u>117.77</u>	<u>-92.4</u>	
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>1525</u> on <u>4/14/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -			
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

Dupe @ 1540

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hemlock Vermilion</u>		Client: <u>Vistra</u>		Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer										
Project Number: <u>2024-1111 2025-0021</u>		Task #: <u></u>		Start Date: <u>4/14/2025</u>		Time: <u>1500</u>								
Field Personnel: <u>G. Assalby</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>16A</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>4115879X</u>			
Casing ID: <u></u> Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4104355X</u>			
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	1510	—	13.44	—	—	—	—	—	—	—	—		
Purge	5	1525	0.52	14.72 14.72	—	12.4	6.86	1305	1.99	85.17	125.0	Clear		
	10	1530	1	15.96	—	12.3	6.90	1307	1.77	68.02	92.0	" "		
	15	1535	1.5	16.73	—	12.3	6.91	1310	1.52	68.77	90.0	" "		
*****	20	1540	2	17.59	—	12.4	6.93	1311	1.37	68.32	-29.2	" "		
	25	1545	3	18.04	—	12.3	6.94	1311	0.98	146.37	-2.5	" "		
	30	1550	3.5	18.92	—	12.3	6.94	1312	0.72	46.77	-13.7	" "		
	35	1555	4	19.50	—	12.5	6.97	1310	1.15	176.98	-51.3	" "		
	40	1600	4	19.72	—	12.5	6.98	1308	1.29	182.37	-54.9	" "		
	45	1605	4.5	19.90	—	12.6	7.03	1297	0.76	224.78	-76.1	" "		
	50	1610	4.5	20.12	—	12.6	7.04	1297	0.35	222.74	-85.0	" "		
	55	1615	5	20.01	—	13.0	7.04	1301	0.34	135.74	-91.2	" "		
✓	60	1620	5.5	20.05	—	12.01	7.02	1303	0.44	155.05	-88.1	" "		
NOTES (continued)									ABBREVIATIONS					
Sampled @ 1625 on 4/14/2025									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

16A sampled @ 1625 on 4/14/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hemlock Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer						
Project Number: <u>2024-144 2025.0021</u> Task #:			Start Date: <u>4/14/2025</u>			Time: <u>1458</u>						
Field Personnel: <u>B. Assaury</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>1035</u> Casing ID: _____ Inches					Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: <u>4115139X</u> Heron Serial NO: <u>4104855X</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1500	—	DRY	—	—	—	—	—	—	—	—
Purge	5											
	10											
	15											
*****	20											
	25											
	30											
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ _____ on 4/14/2025									Cond. - Actual Conductivity			
									FT BTOC - Feet Below Top of Casing na -			
									ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard			

No Sample

Dry with no ded. bladder

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hemlock Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailor						
Project Number: <u>2024-1111 2025.002</u> Task #:			Start Date: <u>4/16/2025</u>			Time: <u>1350</u>						
Field Personnel: <u>Corne</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>17</u> Casing ID: <u>2</u> Inches					Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: <u>0112677R</u> Heron Serial NO: <u>174HB</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	<u>1350</u>		<u>39.00</u>								<u>Clear</u>
Purge	5	<u>1355</u>		<u>42.71</u>		<u>12.7</u>	<u>6.70</u>	<u>1903</u>	<u>2.46</u>	<u>173.44</u>	<u>96.8</u>	
	10	<u>1400</u>	<u>164</u>	<u>46.66</u>		<u>12.7</u>	<u>6.69</u>	<u>1903</u>	<u>1.71</u>	<u>86.42</u>	<u>90.7</u>	
	15	<u>1405</u>		<u>48.23</u>		<u>12.7</u>	<u>6.69</u>	<u>1905</u>	<u>1.55</u>	<u>69.33</u>	<u>85.1</u>	
*****	20	<u>1410</u>		<u>48.91</u>		<u>12.7</u>	<u>6.70</u>	<u>1913</u>	<u>1.49</u>	<u>58.61</u>	<u>78.8</u>	
	25	<u>1415</u>	<u>264</u>	<u>50.10</u>		<u>12.7</u>	<u>6.71</u>	<u>1915</u>	<u>1.52</u>	<u>56.20</u>	<u>75.2</u>	
Y	30	<u>1420</u>	<u>2.56</u>	<u>50.29</u>		<u>12.7</u>	<u>6.71</u>	<u>1919</u>	<u>1.55</u>	<u>58.26</u>	<u>73.9</u>	
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>1420</u> on <u>4/16/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -			
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Huron Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: <u>2024-1111 2025.0021</u> Task #:			Start Date: <u>4/16/2025</u> Time: <u>0835</u>											
Field Personnel: <u>Corne</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>20</u> Casing ID: <u>2</u> <u>Inches</u>				Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: <u>01197667</u> Heron Serial NO: <u>12443</u>				
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	<u>0835</u>		<u>13.05</u>								<u>Clear</u>		
Purge	5	<u>0840</u>		<u>13.05</u>	<u>0.0</u>	<u>9.9</u>	<u>6.93</u>	<u>599</u>	<u>4.25</u>	<u>82.50</u>	<u>60.2</u>			
	10	<u>0845</u>	<u>1gal</u>	<u>13.05</u>		<u>9.9</u>	<u>6.89</u>	<u>615</u>	<u>2.78</u>	<u>85.50</u>	<u>63.4</u>			
	15	<u>0850</u>		<u>13.05</u>		<u>10.0</u>	<u>6.89</u>	<u>621</u>	<u>2.04</u>	<u>671.42</u>	<u>65.2</u>			
*****	20	<u>0855</u>	<u>2 GAL</u>	<u>13.05</u>		<u>9.9</u>	<u>6.89</u>	<u>624</u>	<u>2.38</u>	<u>676.91</u>	<u>68.0</u>			
	25	<u>0900</u>		<u>13.05</u>		<u>9.9</u>	<u>6.90</u>	<u>627</u>	<u>1.99</u>	<u>187.79</u>	<u>70.6</u>			
	30	<u>0905</u>		<u>13.05</u>		<u>9.9</u>	<u>6.90</u>	<u>639</u>	<u>1.74</u>	<u>115.60</u>	<u>71.4</u>			
	35	<u>0910</u>	<u>3 GAL</u>	<u>13.05</u>		<u>10.0</u>	<u>6.91</u>	<u>638</u>	<u>1.56</u>	<u>80.24</u>	<u>71.4</u>			
	40	<u>0915</u>		<u>13.05</u>		<u>9.9</u>	<u>6.92</u>	<u>633</u>	<u>1.82</u>	<u>87.22</u>	<u>74.1</u>			
	45	<u>0920</u>		<u>13.05</u>		<u>10.0</u>	<u>6.92</u>	<u>635</u>	<u>1.63</u>	<u>51.00</u>	<u>74.3</u>			
	50	<u>0925</u>	<u>4 GAL</u>	<u>13.05</u>		<u>10.0</u>	<u>6.92</u>	<u>653</u>	<u>1.20</u>	<u>52.71</u>	<u>70.9</u>			
	55	<u>0930</u>		<u>13.05</u>		<u>10.0</u>	<u>6.92</u>	<u>658</u>	<u>1.20</u>	<u>30.29</u>	<u>67.2</u>			
	60	<u>0935</u>	<u>5 GAL</u>	<u>13.05</u>		<u>10.0</u>	<u>6.92</u>	<u>662</u>	<u>1.16</u>	<u>58.29</u>	<u>65.0</u>			
NOTES (continued)										ABBREVIATIONS				
Sampled @ <u>0935</u> on <u>4/16/2025</u>										Cond. - Actual Conductivity			ORP - Oxidation-Reduction Potential SEC -	
										FT BTOC - Feet Below Top of Casing na -			Specific Electrical Conductance SU - Standard	

Pure @ 0945

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer						
Project Number: <u>2024-1111-2025.0021</u> Task #:			Start Date: <u>4/16/2025</u>			Time: <u>11:05</u>						
Field Personnel: <u>Corne</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>21</u>					Well Development							
Casing ID: _____ Inches					Well Volume Approach Sampling							
					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>0119672X</u> (Specify): Low Flow Heron Serial NO: <u>9744B</u>							
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1110		91.20								
Purge	5	1115		92.22		12.5	6.96	642	3.79	38.20	.1	
	10	1120	1 GAL	93.05		12.5	7.10	646	1.55	24.92	-40.6	
	15	1125		94.24		12.6	7.15	635	1.16	35.00	-68.2	
*****	20	1130		95.85		12.6	7.16	623	1.09	31.42	-76.9	
	25	1135	2 GAL	95.99		12.7	7.19	629	1.02	26.89	-84.0	
	30	1140		95.99		12.7	7.21	626	.99	21.09	-87.2	
	35	1145		95.99		12.7	7.22	625	.98	19.09	-90.3	
	40	1150	3 GAL	96.00		12.7	7.22	624	.97	17.03	-92.7	
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>1150</u> on <u>4/16/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -			
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hemlock Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer						
Project Number: <u>2024-1112025.0021</u> Task #:			Start Date: <u>4/16/2025</u>			Time: <u>1220</u>						
Field Personnel: <u>Lorne</u>												
WELL INFORMATION				EVENT TYPE								
Well ID: <u>22</u> Casing ID: <u>2</u> <u>Inches</u>				Well Development Well Volume Approach Sampling				Low-Flow / Low Stress Sampling Other (Specify): Low Flow				YSI SERIAL NO: <u>0119760X</u> Heron Serial NO: <u>174148</u>
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1220		56.00								Cloudy
Purge	5	1225		56.50		13.2	7.23	740	3.50	1010.30	-4.0	
	10	1230	16AL	57.00		13.2	7.18	730	1.85	369.40	5.4	
	15	1235		57.50		13.2	7.18	727	1.13	215.42	6.6	
*****	20	1240		58.00		13.2	7.18	726	0.89	87.60	5.4	
	25	1245	26AL	58.40		13.2	7.18	725	0.69	61.42	1.2	
	30	1250		58.45		13.2	7.19	734	0.67	11.41	-3.4	
	35	1255		59.00		13.1	7.19	737	0.33	791.20	-5.8	
	40	1300		59.50		13.2	7.20	738	0.28	732.40	-8.5	
	45	1305		59.85		13.2	7.20	738	0.28	770.00	-9.7	
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sampled @ 1305 on 4/16/2025								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard				

Dupe @ 1315

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Huron Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: <u>2024-1111 2025-0021</u> Task #:			Start Date: <u>4/16/2025</u>			Time: <u>09:50</u>								
Field Personnel: <u>Corne</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>34</u>					Well Development								Low-Flow / Low Stress Sampling Other	YSI SERIAL NO: <u>0119766 X</u>
Casing ID: <u>2</u> <u>Inches</u>					Well Volume Approach Sampling								(Specify): Low Flow	Heron Serial NO: <u>224 468</u>
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	<u>09:50</u>		<u>13.68</u>										
Purge	5	<u>09:55</u>		<u>13.79</u>		<u>11.3</u>	<u>7.00</u>	<u>862</u>	<u>.93</u>	<u>40.25</u>	<u>-51.5</u>			
	10	<u>10:00</u>	<u>1GA</u>	<u>13.82</u>		<u>11.4</u>	<u>7.00</u>	<u>862</u>	<u>.71</u>	<u>61.25</u>	<u>-65.9</u>			
	15	<u>10:05</u>		<u>13.89</u>		<u>11.5</u>	<u>7.00</u>	<u>863</u>	<u>.59</u>	<u>63.55</u>	<u>-72.4</u>			
*****	20	<u>10:10</u>		<u>13.95</u>		<u>11.5</u>	<u>7.00</u>	<u>863</u>	<u>.57</u>	<u>55.07</u>	<u>-75.2</u>			
	25	<u>10:15</u>	<u>2GA</u>	<u>14.00</u>		<u>11.5</u>	<u>7.00</u>	<u>864</u>	<u>.56</u>	<u>51.02</u>	<u>-77.1</u>			
	30													
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>10:15</u> on <u>4/16/2025</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -					
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard					

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION			
Site: <u>Hemlock Vermilion</u>	Client: <u>Vista</u>	Sampling Equipment Used (Circle One): Dedicated Bladder ☐ Peristaltic Pump ☒ Portable Bladder ☐ Bailor ☐	
Project Number: <u>2024-111 2025.0021</u>	Task #:	Start Date: <u>4/15/2025</u>	Time: <u>0815</u>
Field Personnel: <u>Lorne</u>			

WELL INFORMATION	EVENT TYPE
Well ID: <u>351</u> Casing ID: <u>2</u> <u>Inches</u>	Well Development ☐ Well Volume Approach Sampling ☐ Low-Flow / Low Stress Sampling Other ☒ YSI SERIAL NO: <u>01197664</u> (Specify): Low Flow Heron Serial NO: <u>17443</u>

WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	0815		12.25								Clear
Purge	5	0820		14.99		10.6	7.41	4236	2.75	16.77	205.4	
	10	0825	1 GAL	16.22		10.3	7.45	4260	2.46	31.86	200.5	
	15	0830		18.42		10.3	7.45	4262	2.44	33.21	200.1	
****	20	0835	2 GAL	19.60		10.4	7.45	4261	2.43	32.41	198.9	
	25											
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)	ABBREVIATIONS
Sampled @ <u>0835</u> on <u>4/15/2025</u>	Cond. - Actual Conductivity FT BTOC - Feet Below Top of Casing na - ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

~~MSD @ 0830 GA~~
~~MSD @ ~~0830~~ Well went Dry no sample (MSD)~~
 Dry during collection, MSMSD moved

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer						
Project Number: <u>2024-111 2025-0021</u> Task #:			Start Date: <u>4/5</u> /2025			Time: <u>0800</u>						
Field Personnel: <u>L. Filenice</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>355</u> Inches					Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: <u>U1191664</u> Heron Serial NO: <u>17413</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	<u>0800</u>		<u>11.99</u>								
Purge	5			<u>(bottom)</u>								
	10											
	15											
*****	20											
	25											
	30											
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ _____ on ____ / ____ / 2025									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -			
									FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

well Dry
No Sample

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hennepin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: <u>2025.0021</u> Task #:			Start Date: <u>4/17/2025</u>			Time: <u>0735</u>								
Field Personnel: <u>Lorne</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>362</u> Casing ID: <u>2</u> <u>Inches</u>				Well Development Well Volume Approach Sampling				Low-Flow / Low Stress Sampling Other (Specify): Low Flow					YSI SERIAL NO: <u>0119077K</u> Heron Serial NO: <u>174143</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	<u>0735</u>		<u>14.05</u>										
Purge	5	<u>0740</u>		<u>14.05</u>		<u>11.9</u>	<u>6.98</u>	<u>1886</u>	<u>1.39</u>	<u>1285.2</u>	<u>151.6</u>			
	10	<u>0745</u>	<u>1GAL</u>	<u>14.05</u>		<u>11.7</u>	<u>7.23</u>	<u>1936</u>	<u>0.43</u>	<u>179.82</u>	<u>46.5</u>			
	15	<u>0750</u>		<u>14.05</u>		<u>11.7</u>	<u>7.28</u>	<u>1945</u>	<u>0.36</u>	<u>115.50</u>	<u>20.5</u>			
*****	20	<u>0755</u>		<u>14.05</u>		<u>11.7</u>	<u>7.32</u>	<u>1954</u>	<u>0.29</u>	<u>61.23</u>	<u>8.1</u>			
	25	<u>0800</u>	<u>2GAL</u>	<u>14.05</u>		<u>11.7</u>	<u>7.33</u>	<u>1956</u>	<u>0.27</u>	<u>58.19</u>	<u>-24.4</u>			
	30	<u>0805</u>		<u>14.05</u>		<u>11.7</u>	<u>7.35</u>	<u>1959</u>	<u>0.24</u>	<u>28.12</u>	<u>-34.3</u>			
	35	<u>0810</u>		<u>14.05</u>		<u>11.7</u>	<u>7.37</u>	<u>1962</u>	<u>0.22</u>	<u>20.91</u>	<u>-39.9</u>			
	40	<u>0815</u>	<u>3GAL</u>	<u>14.05</u>		<u>11.7</u>	<u>7.36</u>	<u>1962</u>	<u>0.21</u>	<u>20.24</u>	<u>-40.2</u>			
	45	<u>0820</u>	<u>3.5GAL</u>	<u>14.05</u>		<u>11.7</u>	<u>7.37</u>	<u>1963</u>	<u>0.22</u>	<u>19.41</u>	<u>-42.2</u>			
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled at <u>0820</u> on <u>4/16/2025</u>									Cond. - Actual Conductivity FT BTOP - Feet Below Top of Casing na -				ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard	

MS0820
MSD0820

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Heron/Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: <u>2024-001 2025.0021</u> Task #:			Start Date: <u>4/16</u> 2025			Time: <u>1445</u>								
Field Personnel: <u>Carne</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>31</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>V119677K</u>	
Casing ID: <u>2</u> Inches					Well Volume Approach Sampling				(Specify): Low Flow				Heron Serial NO: <u>174 HB</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	<u>1445</u>		<u>7.65</u>										
Purge	5	<u>1450</u>		<u>7.69</u>		<u>12.8</u>	<u>6.94</u>	<u>1298</u>	<u>0.35</u>	<u>118.42</u>	<u>-62.8</u>			
	10	<u>1455</u>	<u>1 GAL</u>	<u>7.75</u>		<u>12.8</u>	<u>6.94</u>	<u>1303</u>	<u>0.25</u>	<u>10.90</u>	<u>-75.9</u>			
	15	<u>1500</u>		<u>7.79</u>		<u>12.8</u>	<u>6.83</u>	<u>1301</u>	<u>0.20</u>	<u>90.99</u>	<u>-87.9</u>			
*****	20	<u>1505</u>	<u>2 GAL</u>	<u>7.85</u>		<u>12.8</u>	<u>6.93</u>	<u>1301</u>	<u>0.18</u>	<u>72.20</u>	<u>-88.9</u>			
	25	<u>1510</u>		<u>7.91</u>		<u>12.8</u>	<u>6.93</u>	<u>1300</u>	<u>0.17</u>	<u>50.22</u>	<u>-90.7</u>			
	30	<u>1515</u>		<u>7.98</u>		<u>12.8</u>	<u>6.93</u>	<u>1301</u>	<u>0.17</u>	<u>46.99</u>	<u>-92.9</u>			
	35	<u>1520</u>	<u>3 GAL</u>	<u>8.00</u>		<u>12.8</u>	<u>6.93</u>	<u>1302</u>	<u>0.17</u>	<u>41.22</u>	<u>-93.1</u>			
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1520</u> on <u>4/16</u> 2025									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION			
Site: <u>Vermilion</u>	Client: <u>Vistra</u>	Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer	
Project Number: <u>2024-3331</u> 2025.0021	Task #:	Start Date: <u>4/15</u> 2025	Time: <u>1435</u>
Field Personnel: <u>Lorne Filiewitz</u>			

WELL INFORMATION		EVENT TYPE	
Well ID: <u>38</u>	Well Development	Low-Flow / Low Stress Sampling Other	YSI SERIAL NO: <u>1196778</u>
Casing ID: <u>2</u> <u>Inches</u>	Well Volume Approach Sampling	(Specify): Low Flow	Heron Serial NO: <u>174 HFD</u>

WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	<u>1435</u>		<u>3.45</u>								
Purge	5	<u>1445</u>		<u>3.45</u>		<u>11.3</u>	<u>6.92</u>	<u>901</u>	<u>.90</u>	<u>58.04</u>	<u>-111.4</u>	<u>Clear</u>
	10	<u>1450</u>	<u>1 GAL</u>	<u>3.45</u>		<u>11.3</u>	<u>6.94</u>	<u>902</u>	<u>.83</u>	<u>35.60</u>	<u>-117.3</u>	
	15	<u>1455</u>		<u>3.45</u>		<u>11.3</u>	<u>6.95</u>	<u>903</u>	<u>.69</u>	<u>19.03</u>	<u>-121.2</u>	
*****	20	<u>1500</u>	<u>2 GAL</u>	<u>3.45</u>		<u>11.3</u>	<u>6.95</u>	<u>903</u>	<u>.66</u>	<u>24.05</u>	<u>-121.6</u>	
	25	<u>1505</u>	<u>2.5 GAL</u>	<u>3.45</u>		<u>11.3</u>	<u>6.95</u>	<u>902</u>	<u>.64</u>	<u>18.62</u>	<u>-120.7</u>	
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)								ABBREVIATIONS				
Sampled @ <u>1505</u> on <u>4/15</u> 2025								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC -				
								FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard				

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: <u>2024-1141 2025-0021</u> Task #:			Start Date: <u>4/15/2025</u>			Time: <u>1340</u>								
Field Personnel: <u>Lorne</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>41</u>				Well Development					Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>01197467</u>	
Casing ID: <u>2</u> (Inches)				Well Volume Approach Sampling					(Specify): Low Flow				Heron Serial NO: <u>1744</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	1340		5.55										
Purge	5	1345		5.57		11.9	7.10	1065	.94	47.25	-128.9	clear		
	10	1350	1 GAL	5.59		12.0	7.09	1065	.75	120.72	-134.6			
	15	1355		5.62		12.1	7.10	1067	.65	98.20	-135.0			
*****	20	1400		5.64		12.1	7.09	1066	.63	99.40	734.3			
	25	1405	2 GAL	5.65		12.1	7.09	1067	.62	99.01	134.2			
	30													
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ 1405 on 4/15/2025									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer								
Project Number: <u>2025-0021</u> Task #:			Start Date: <u>4/15/2025</u>			Time: <u>0345</u>								
Field Personnel: <u>G. Assallway</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>42</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>41159397</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling				(Specify): Low Flow				Heron Serial NO: <u>4109339X</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	<u>0350</u>	—	<u>25.71</u>		—	—	—	—	—	—	—		
Purge	5	<u>0355</u>	<u>0.5</u>	<u>25.50</u>		<u>11.4</u>	<u>7.26</u>	<u>929</u>	<u>1.33</u>	<u>85.79</u>	<u>-109.8</u>	<u>clear</u>		
	10	<u>1600</u>	<u>1.5</u>	<u>25.60</u>		<u>11.3</u>	<u>7.30</u>	<u>929</u>	<u>0.61</u>	<u>84.75</u>	<u>-143.3</u>	" "		
	15	<u>1605</u>	<u>2</u>	<u>25.59</u>		<u>11.4</u>	<u>7.30</u>	<u>922</u>	<u>0.60</u>	<u>36.40</u>	<u>-148.2</u>	<u>1/12"</u>		
*****	20	<u>1610</u>	<u>2.5</u>	<u>25.57</u>		<u>11.3</u>	<u>7.29</u>	<u>920</u>	<u>0.57</u>	<u>34.75</u>	<u>-149.0</u>	<u>" "</u>		
↓	25	<u>1615</u>	<u>3</u>	<u>25.60</u>		<u>11.3</u>	<u>7.29</u>	<u>918</u>	<u>0.50</u>	<u>35.42</u>	<u>-149.9</u>	<u>" "</u>		
Sample	30	<u>1620</u>	<u>3.5</u>	<u>25.57</u>		—	—	—	—	—	—	—		
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1620</u> on <u>4/15/2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOD - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

42 sampled @ 1620 on 4/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hannopin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: <u>2024-1111 2025.0021</u> Task #:			Start Date: <u>4/15/2025</u>			Time: <u>1445</u>								
Field Personnel: <u>G. Astall</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>43</u>					Well Development				Low-Flow / Low Stress Sampling Other				YSI SERIAL NO: <u>U1159397</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling				(Specify): Low Flow				Heron Serial NO: <u>U102339X</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	1450	—	16.5 16.5	—	—	—	—	—	—	—	—		
Purge	5	1455	0.5	17.42	—	11.8	7.07	1110	0.21	10.57	-120.0	Clear		
	10	1500	1	18.89	—	11.8	7.02	1100	0.28	11.69	-123.9	" "		
	15	1505	2	18.73	—	11.8	7.09	1075	0.22	37.47	-136.6	" "		
*****	20	1510	3	18.40	—	11.8	7.09	1068	0.16	48.60	-138.8	" "		
	25	1515	5	18.42	—	11.9	7.10	1039	0.14	57.42	-144.4	" "		
	30	1520	6	18.37	—	11.8	7.10	1055	0.15	53.72	-144.7	" "		
	35	1523	6.5	18.74	—	11.8	7.11	1054	0.15	55.72	-144.9	" "		
Sample	40	1530	7	19.05	—	—	—	—	—	—	—	—		
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ 1530 on 4/15/2025									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

43 sampled @ 1530 on 4/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hennepin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: <u>2024-1111 2025-002</u> Task #:			Start Date: <u>4/15</u> 2025			Time: <u>1025</u>								
Field Personnel: <u>Lorne</u>														
WELL INFORMATION				EVENT TYPE										
Well ID: <u>70D</u> Casing ID: <u>2</u> Inches				Well Development Well Volume Approach Sampling <u>200</u>				Low-Flow / Low Stress Sampling Other (Specify): Low Flow					YSI SERIAL NO: <u>0119766X</u> Heron Serial NO: <u>17448</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	<u>1025</u>		<u>14.92</u>								<u>clear</u>		
Purge	5	<u>1030</u>		<u>15.50</u>		<u>11.5</u>	<u>6.86</u>	<u>2336</u>	<u>.97</u>	<u>12.25</u>	<u>5.3</u>			
	10	<u>1035</u>	<u>16 gal</u>	<u>17.20</u>		<u>11.6</u>	<u>6.85</u>	<u>2790</u>	<u>.83</u>	<u>12.10</u>	<u>27.4</u>			
	15	<u>1040</u>		<u>19.62</u>		<u>11.6</u>	<u>6.81</u>	<u>2608</u>	<u>.77</u>	<u>12.01</u>	<u>35.5</u>			
*****	20	<u>1045</u>	<u>20 gal</u>	<u>21.35</u>		<u>11.6</u>	<u>6.82</u>	<u>2066</u>	<u>.72</u>	<u>12.90</u>	<u>59.0</u>			
	25	<u>1050</u>		<u>22.90</u>		<u>11.7</u>	<u>6.88</u>	<u>1857</u>	<u>.71</u>	<u>13.42</u>	<u>101.2</u>			
	30	<u>1055</u>		<u>24.20</u>		<u>11.7</u>	<u>6.89</u>	<u>1822</u>	<u>.72</u>	<u>14.12</u>	<u>62.8</u>			
	35	<u>1100</u>	<u>36 gal</u>	<u>24.24</u>		<u>11.7</u>	<u>6.89</u>	<u>1741</u>	<u>.72</u>	<u>14.99</u>	<u>62.1</u>			
	40	<u>1105</u>	<u>4 gal</u>	<u>24.21</u>		<u>11.7</u>	<u>6.89</u>	<u>1695</u>	<u>.72</u>	<u>15.10</u>	<u>62.0</u>			
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1105</u> on <u>4/15</u> / 2025									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION																
Site: <u>Hennepin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer										
Project Number: <u>2024-1471 2025.0021</u> Task #:			Start Date: <u>4/15/2025</u> 11			Time: <u>1120</u>										
Field Personnel: <u>Lorne</u>																
WELL INFORMATION					EVENT TYPE											
Well ID: <u>705</u> Casing ID: <u>2</u> <u>Inches</u>					Well Development Well Volume Approach Sampling Low-Flow / Low Stress Sampling Other (Specify): Low Flow YSI SERIAL NO: <u>X119760</u> Heron Serial NO: <u>17443</u>											
WATER QUALITY INDICATOR PARAMETERS (continued)																
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity				
Pre	0	<u>1120</u>		<u>10.25</u>								<u>Clear</u>				
Purge	5	<u>1125</u>				<u>10.8</u>	<u>6.74</u>	<u>1219</u>	<u>1.22</u>	<u>33.11</u>	<u>1095</u>					
	10	<u>1130</u>	<u>10.42</u>			<u>10.8</u>	<u>6.73</u>	<u>1216</u>	<u>0.90</u>	<u>23.00</u>	<u>111.7</u>					
	15	<u>1135</u>				<u>10.8</u>	<u>6.73</u>	<u>1216</u>	<u>0.82</u>	<u>19.01</u>	<u>112.7</u>					
*****	20	<u>1140</u>				<u>10.8</u>	<u>6.73</u>	<u>1216</u>	<u>0.79</u>	<u>21.62</u>	<u>112.9</u>					
	25		<u>2.60</u>	<u>10.39</u>												
	30															
	35															
	40															
	45															
	50															
	55															
	60															
NOTES (continued)									ABBREVIATIONS							
Sampled @ <u>1140</u> on <u>4/15/2025</u>									Cond. - Actual Conductivity FT BTOC - Feet Below Top of Casing na -				ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard			

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hennepin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): <u>Dedicated Bladder</u> Peristaltic Pump Portable Bladder Bailer								
Project Number: <u>2024-1111 2025.0021</u> Task #:			Start Date: <u>4/15/2025</u>			Time: <u>1230</u>								
Field Personnel: <u>G. Asmally</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>71D</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>4115039X</u>			
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4102335X</u>			
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	1240	—	37.98		—	—	—	—	—	—	—		
Purge	5	1245	0.5	37.98		12.2	6.68	3520	0.99	3.69	105.0	Clear		
	10	1250	1	37.98		12.3	6.72	3500	1.75	45.67	96.8	" "		
	15	1255	1.5	37.95		12.3	6.74	3519	0.29	9.54	94.7	" "		
*****	20	1300	2	37.98		12.2	6.79	3517	0.24	6.59	91.7	" "		
↓	25	1305	3	37.89		12.2	6.82	3516	0.22	5.90	89.7	" "		
<u>End</u>	30	1310		—		—	—	—	—	—	—	—		
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ <u>1310</u> on <u>4/15/2025</u>									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

71D sampled @ 1310 on 4/15/25
Dry @ 1310 on 4/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hennepin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): ☒ Dedicated Bladder ☒ Peristaltic Pump ☐ Portable Bladder ☐ Bailer						
Project Number: <u>2024-111 2025.0021</u> Task #:			Start Date: <u>4/15/2025</u>			Time: <u>1500</u>						
Field Personnel: <u>G. Assalmy</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>715</u>					Well Development							
Casing ID: _____ Inches					Well Volume Approach Sampling							
					Low-Flow / Low Stress Sampling Other YSI SERIAL NO: <u>u1154397</u> (Specify): <u>LOW FLOW</u> Heron Serial NO: <u>4197335X</u>							
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1155	—	9.69	—	—	—	—	—	—	—	—
Purge	5	1200	0.5	9.78	—	9.4	6.49	837	6.13	5.00	54.9	Clear
	10	1205	0.5	9.83	—	9.3	6.47	824	3.87	3.31	62.3	" 4
	15	1210	1	9.80	—	9.3	6.47	827	3.73	3.00	68.1	" "
*****	20	1218	1.5	9.80	—	9.4	6.46	836	1.34	2.81	76.1	" "
	25	1220	2	9.82	—	9.4	6.46	838	1.00	2.95	77.5	" "
	30	1225	2.5	9.87	—	9.5	6.45	840	0.49	2.85	81.5	" 4
	35	1230	3	9.92	—	9.5	6.45	842	0.44	2.92	82.0	" "
↓	40	1235	3.5	9.85	—	9.5	6.45	846	0.35	2.85	82.8	" "
Sample	45	1240	4	9.90	—	—	—	—	—	—	—	—
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sampled @ 1240 on 4/15/2025								Cond. - Actual Conductivity				
								FT BTOC - Feet Below Top of Casing na -				
								ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard				

715 sampled @ 1240 on 4/15/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Hemlock Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer								
Project Number: <u>2024-111 2025.0021</u> Task #:			Start Date: <u>4/16/2025</u>			Time: <u>1250</u>								
Field Personnel: <u>G. Aschall</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>72</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>4115939x</u>			
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4109125x</u>			
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	<u>1255</u>	<u>—</u>	<u>13.69</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>		
Purge	5	<u>1300</u>	<u>0.5</u>	<u>14.35</u>		<u>12.8</u>	<u>6.60</u>	<u>2131</u>	<u>4.00</u>	<u>52.46</u>	<u>72.3</u>	<u>cloudy</u>		
	10	<u>1305</u>	<u>0.5</u>	<u>15.85</u>		<u>11.4</u>	<u>6.52</u>	<u>3139</u>	<u>2.14</u>	<u>181.88</u>	<u>49.9</u>	<u>crystal</u>		
	15	<u>1310</u>	<u>0.5</u>	<u>18.00</u>		<u>11.2</u>	<u>6.49</u>	<u>3135</u>	<u>0.95</u>	<u>82.69</u>	<u>50.2</u>	<u>" "</u>		
*****	20	<u>1315</u>	<u>1</u>	<u>20.25</u>		<u>13.9</u>	<u>6.63</u>	<u>3136</u>	<u>6.54</u>	<u>115.76</u>	<u>5.0</u>	<u>" "</u>		
	25	<u>1320</u>	<u>1</u>	<u>DRY</u>		<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>		
	30													
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ _____ on / / 2025									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOC - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

72 sampled @ _____ on 4/16/25

72 DRY @ 1325
on 4/16/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION												
Site: <u>Hemlock Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): Dedicated Bladder <u>Peristaltic Pump</u> Portable Bladder Bailer						
Project Number: <u>2025-1142025-002</u> Task #:			Start Date: <u>4/16/2025</u>			Time: <u>0445</u>						
Field Personnel: <u>G. Azevedo</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>ND3</u> Casing ID: _____ Inches					Well Development Well Volume Approach Sampling			Low-Flow / Low Stress Sampling Other (Specify): Low Flow			YSI SERIAL NO: <u>4114914x</u> Heron Serial NO: <u>1102339x</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	0950	—	15.19	—	—	—	—	—	—	—	—
Purge	5	0955	0.5	15.87	—	12.6	7.62	2019	2.18	272.48	-1.2	Cloudy
	10	1000	1	16.03	—	12.7	7.61	2015	1.54	59.38	0.2	Cloudy
	15	1005	1.5	16.14	—	12.6	7.62	2008	1.46	40.23	1.1	" "
*****	20	1010	2	16.21	—	12.7	7.62	2006	1.39	30.66	2.9	" "
	25	1015	3	16.31	—	12.7	7.61	2010	1.30	29.32	4.6	" "
	30	1020	3.5	16.37	—	12.6	7.63	2014	1.24	31.21	5.3	" "
Sample	35	1025	4	16.48	—	—	—	—	—	—	—	—
	40											
	45											
	50											
	55											
	60											
NOTES (continued)								ABBREVIATIONS				
Sampled @ 1025 on 4/16/2025								Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard				

ND3 sampled on 4/16/25 @ 1025

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

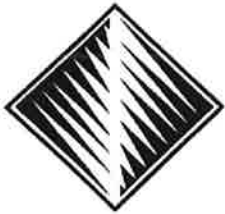
PROJECT INFORMATION												
Site: <u>Hennepin Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): Dedicated Bladder ☐ <u>Peristaltic Pump</u> ☒ Portable Bladder ☐ Bailer						
Project Number: <u>2024-1111</u> <u>2025.0021</u> Task #:			Start Date: <u>4/16/2025</u>			Time: <u>0930</u>						
Field Personnel: <u>C. Ameling</u>												
WELL INFORMATION					EVENT TYPE							
Well ID: <u>OEDI</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>411414X</u>	
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>410379X</u>	
WATER QUALITY INDICATOR PARAMETERS (continued)												
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	<u>0935</u>	<u>—</u>	<u>Dry (39.91)</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Purge	5											
	10											
	15											
*****	20											
	25											
	30											
	35											
	40											
	45											
	50											
	55											
	60											
NOTES (continued)									ABBREVIATIONS			
Sampled @ <u>on 4/1/2025</u> <u>NO sample / Dry</u>									Cond. - Actual Conductivity ORP - Oxidation-Reduction Potential SEC - FT BTOC - Feet Below Top of Casing na - Specific Electrical Conductance SU - Standard			

OEDI Dry @ 0935

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION														
Site: <u>Heron 12 Vermilion</u>			Client: <u>Vistra</u>			Sampling Equipment Used (Circle One): Dedicated Bladder ☐ Peristaltic Pump ☒ Portable Bladder ☐ Bailer ☐								
Project Number: <u>2024-111 2025.0021</u>			Task #:			Start Date: <u>4/16/2025</u>		Time: <u>0850</u>						
Field Personnel: <u>G. Amally</u>														
WELL INFORMATION					EVENT TYPE									
Well ID: <u>NEDI</u>					Well Development			Low-Flow / Low Stress Sampling Other			YSI SERIAL NO: <u>41149, 4X</u>			
Casing ID: _____ Inches					Well Volume Approach Sampling			(Specify): Low Flow			Heron Serial NO: <u>4109230</u>			
WATER QUALITY INDICATOR PARAMETERS (continued)														
Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity		
Pre	0	0855	—	3.41		—	—	—	—	—	—	—		
Purge	5	0900	0.5			11.2	7.07	1811	2.41	42.49	-141.2	112		
	10	0903	1	3.89		10.9	7.06	1804	0.16	19.21	-146.5	" "		
	15	0910	1.5			10.8	7.06	1798	0.08	7.92	-149.2	" "		
*****	20	0915	2	3.85		10.8	7.06	1793	0.03	6.25	-151.2	" "		
↓	25	0920	3			10.3	7.07	1741	0.04	5.91	-152.0	" "		
Sample	30	0925	8.5	3.85		—	—	—	—	—	—	—		
	35													
	40													
	45													
	50													
	55													
	60													
NOTES (continued)									ABBREVIATIONS					
Sampled @ 0925 on 4/15/2025									Cond. - Actual Conductivity				ORP - Oxidation-Reduction Potential SEC -	
									FT BTOT - Feet Below Top of Casing na -				Specific Electrical Conductance SU - Standard	

NEDI sampled @ 0925 on 4/16/25



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301 Brushton Ave
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Toll Free (800) 393-4009
Local (412) 436-2600
Fax (412) 436-2616

Proactive Pump Conformance Certificate

	<u>12V</u>	<u>Max Voltage Acceptable</u>
Pressure Rating	22 psi	60 psi
Acceptable Range (Monsoon) :	10+	48+
Acceptable Range (Hurricane) :	10+	60+
Flow Rate Achieved (No Applied Head Pressure)	1.75 GPM	3.06 GPM
Acceptable Ranges :	1.4+ GPM	2.5+ GPM
Amps	10	39
Replaced Tubing and Tubing Connector Above Barb (ID: 14396 HDPE 3/8" x 1/2" for PFAS Compliance)		Confirmed

Pump Model	SS Hurricane
S/N	24753
Order #	582628

Proactive Controller Performance Test

	22.7 Max Voltage - Pump Attached	23.2 Max Voltage - Pump Dettached
Delta Less than 10 Volts	Yes	
30 Second Video Attached to the Order	Yes	
DO NOT CUT Tag Applied to Pump Head Cable Connection Prior to Rental?	Confirmed	
Controller Model	Hurricane Controller	
S/N	647545	
Order #	582628	
Calibrated By	Justin Bonds	

Revision 1, 3/27/24

Date of Calibration

All calibrations performed by Field Environmental Instruments conform to manufacturer's specifications.
Any problems must be reported to Field Environmental within 24 hours of receiving equipment.

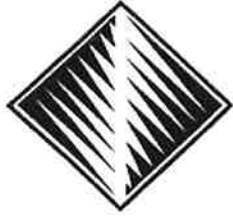
Controller Test

- ☒ LCD Voltage Verified
- ☒ Check the solder joints under the sleeves of the gator clips.
- ☒ Check to make sure the nut behind the wire grommet is tight and secure
- ☒ Make sure there are not any loose connections on any of the set screws
- ☒ Check the nut on the fuse holder and tighten as needed
- ☒ Check the fan if applicable(not all controller models have fans). Make sure it is secure and running when the controller is powered on.
- ☒ Check the controller for any visible signs of moisture or damage
- ☒ Ensure the LCD ribbon is seated correctly before putting back together.

Pump Test:

- ☒ Check pump wire for cuts or knicks
- ☒ Check the carbon brushes on the motor modules
- ☒ Replace all motor O-Rings
- ☒ Ensure the contact blocks are in good shape. No melting or warping of the Delrin or corrosion of the wire or blocks.
- ☒ Make sure the contact blocks do not move when the wire is pushed up.
- ☒ Check the inlet screen for erosion
- ☒ Check the 4 screw seals on top of the pump.
- ☒ Visual inspection of the overall appearance.

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Fax (412) 436-2616**

Bladder Pump Conformance Certificate

Controller Testing:

Refill Time sec
Discharge Time sec
Throttle psi

Co2 Regulator Testing @100 PSI:

Max Regulator PSI
Regulator PSI Setting
Co2 Regulator SN#

Controller
S/N

MP10 ▼

☒ Solenoid Function Check

☐ Cooling Fan Function Check

Max PSI Achieved

N2 Regulator Testing @ 200 PSI:

Max Regulator PSI
Regulator PSI Setting
N2 Regulator SN#

Air Source
S/N

Well Wizard ▼

mL per cycle

(80-120) ▼

Pump Model

1 ▼

☒ Portable

☐ Pump decontaminated and cleaned

S/N

Order #

Calibrated By

Justin Bonds ▼

Date of Calibration

☒ 30 Second Video Attached

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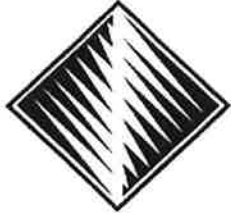
Geotech Bladder Pump Specifications

	1.66SS36	1.66SS18	.85SS24	.675SS18	1.66 Port	.85 Port	.675 Port
Pump Housing	316 SS	316 SS	316 SS	316 SS	316 SS	316 SS	316 SS
Pump Ends	Virgin PTFE	Virgin PTFE	Virgin PTFE	316 SS	316 SS	316 SS	316 SS
O.D.	1.66"	1.66"	.85"	.675"	1.66"	.85"	.675"
Length	38"	20"	25"	18"	19"	18 ^{5/8} "	18 ^{3/4} "
Weight	5 lbs	2.5 lbs	1.6 lbs	.83 lbs	3 lbs	1.1 lbs	.83 lbs
Volume/Cycle	625 mL	313 mL	59.6 mL	38.4 mL	150 mL	29 mL	15 mL
Min Well I.D.	2"	2"	1"	.75"	2"	1"	.75"
Max Depth	1000'	1000'	250'	250'	200'	200'	200'

QED Sample Pro Pump Specifications

	1.75	0.75
Pump Housing	316 SS	316 SS
Pump Ends	303 SS	303 SS
O.D.	1.75"	0.75"
Length	14.75"	10.75"
Weight	4.25 lbs	0.5 lbs
Volume/Cycle	100 mL	15 mL
Max Depth	250'	200'

All calibrations performed by Field Environmental Instruments conform to manufacturer's specifications.
Any problems must be reported to Field Environmental within 24 hours of receiving equipment.



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Bladder Pump Conformance Certificate

Controller Testing:

Refill Time sec
Discharge Time sec
Throttle psi

Co2 Regulator Testing @100 PSI:

Max Regulator PSI
Regulator PSI Setting
Co2 Regulator SN#

Controller
S/N

☒ Solenoid Function Check
☐ Cooling Fan Function Check

Max PSI Achieved

Air Source
S/N

N2 Regulator Testing @ 200 PSI:

Max Regulator PSI
Regulator PSI Setting
N2 Regulator SN#

mL per cycle

Pump Model

☒ Portable ☐ Pump decontaminated and cleaned

S/N

Order #

Calibrated By

Date of Calibration

☒ 30 Second Video Attached

All calibrations performed by Field Environmental Instruments conform to manufacturer's specifications.
Any problems must be reported to Field Environmental within 24 hours of receiving equipment.

Geotech Bladder Pump Specifications

	1.66SS36	1.66SS18	.85SS24	.675SS18	1.66 Port	.85 Port	.675 Port
Pump Housing	316 SS	316 SS	316 SS	316 SS	316 SS	316 SS	316 SS
Pump Ends	Virgin PTFE	Virgin PTFE	Virgin PTFE	316 SS	316 SS	316 SS	316 SS
O.D.	1.66"	1.66"	.85"	.675"	1.66"	.85"	.675"
Length	38"	20"	25"	18"	19"	18 ^{5/8} "	18 ^{3/4} "
Weight	5 lbs	2.5 lbs	1.6 lbs	.83 lbs	3 lbs	1.1 lbs	.83 lbs
Volume/Cycle	625 mL	313 mL	59.6 mL	38.4 mL	150 mL	29 mL	15 mL
Min Well I.D.	2"	2"	1"	.75"	2"	1"	.75"
Max Depth	1000'	1000'	250'	250'	200'	200'	200'

QED Sample Pro Pump Specifications

	1.75	0.75
Pump Housing	316 SS	316 SS
Pump Ends	303 SS	303 SS
O.D.	1.75"	0.75"
Length	14.75"	10.75"
Weight	4.25 lbs	0.5 lbs
Volume/Cycle	100 mL	15 mL
Max Depth	250'	200'

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**FIELD ENVIRONMENTAL
INSTRUMENTS, INC.**

www.fieldenvironmental.com

301 Brushton Ave
Suite A
Pittsburgh, PA 15221
Toll Free (800) 393-4009
Local (412) 436-2600
Fax (412) 436-2616

Peristaltic Pump Conformance Sheet

Unit Cleaned Thoroughly?	Confirmed
Battery Voltage (Acceptable Range: 12.6V or Higher)	12.9
Speed Control Functioning?	Confirmed
No Power Loss When Cable is Moved Around?	Confirmed
All Housing Screws in place?	Confirmed
1' Silicone Tubing (3/16" x 3/8") in Pump Head?	Confirmed
Pump Head Functioning in Forward and Reverse?	Confirmed
Unit Packed in 18" Husky Bag?	Confirmed
Battery and Charger Packed in 12" Husky Bag?	Confirmed
EZ-Load Head installed on 0-600 rpm port	Confirmed

Model	Geopump II ▼
Unit S/N	6211
Unit UX	U102556X
Pump Head S/N	D20003151
Pump Head UX	U102557X
Order #	582628

Calibrated By Ivan Munoz ▼

Revision 1, 3/27/24

Date of Calibration 04/03/25

All calibrations performed by Field Environmental Instruments conform to manufacturer's specifications.
Any problems must be reported to Field Environmental within 24 hours of receiving equipment.



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Fax (412) 436-2616**

Water Level Meter Certificate

Tape and Reel Cleaned/Checked for Nicks

Confirmed

Probe Tested?

Confirmed

Speaker Sounding?

Confirmed

All Housing Screws in place?

Confirmed

Draw-Down Mode Functioning? (Heron Units)

Confirmed

Thumb Screws Tightened? (Heron Units)

Confirmed

Video Taken and Attached to Order

Confirmed

Twist Knob Brake Contains Rubber Stopper

Confirmed

Model

Heron Water Level Meter ▼

S/N

11FF2308174HB

UX

U118062X

Probe (Heron Units Only)

Model

Water Level Meter Probe ▼

S/N

I06J019WX

UX

U116236X

Calibrated By

Ivan Munoz ▼

FEI Order #

582628

Date of Calibration

4/3/2025

Rev 2.0 2/23/24

All calibrations performed by Field Environmental Instruments conform to manufacturer's specifications.
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Water Level Meter Certificate

Tape and Reel Cleaned/Checked for Nicks

Confirmed

Probe Tested?

Confirmed

Speaker Sounding?

Confirmed

All Housing Screws in place?

Confirmed

Draw-Down Mode Functioning? (Heron Units)

Confirmed

Thumb Screws Tightened? (Heron Units)

Confirmed

Video Taken and Attached to Order

Confirmed

Twist Knob Brake Contains Rubber Stopper

Confirmed

Model

Heron Water Level Meter ▼

S/N

12DF2202059FR

UX

U109355X

Probe (Heron Units Only)

Model

Water Level Meter Probe ▼

S/N

N/A

UX

N/A

Calibrated By

Ivan Munoz ▼

FEI Order #

582628

Date of Calibration

4/3/2025

Rev 2.0 2/23/24

All calibrations performed by Field Environmental Instruments conform to manufacturer's specifications.
Any problems must be reported to Field Environmental within 24 hours of receiving equipment.



FIELD ENVIRONMENTAL INSTRUMENTS, INC.

www.fiieldenvironmental.com

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YSI 6-Series Calibration Certificate

Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 7 @ 25°C	44070163	7/18/2026	6.91	7.00	(6.86 to 7.14)
			pH mV value	-18.4	(0 mV +/- 50mV)
Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 4 @ 25°C	44080520	8/29/2026	3.85	4.00	(3.92 to 4.08)
			pH mV value	156.10	(146.6mV to 161.6mV)
Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 10 @ 25°C	44090097	9/19/2026	9.93	10.00	(9.80 to 10.20)
			pH mV value	-189.70	(-183.4mV to -198.4mV)
Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
Conductivity	8409390	10/18/2026	1376.000	1409.000	(1.338 to 1.479)

Dissolved Oxygen

	Pre-Cal Reading	Post-Cal Reading	
100% Saturation	8.75	8.72	mg/L

Check Standard	Temp °C	Relative Reading	Acceptable Range
ORP	23.0	220.0	(+/- 20mV from the solution mv value)
	mV Offset	19.1	(+/-100mV)

	Pre-Cal Reading	Post-Cal Reading
Turbidity		
0 NTU	5.0	0.0
124 NTU	200.0	124.0

Model	YSI Pro DSS
Cable Length	4 Meter
Cable SN	23L102384
S/N	24E100240
Barcode	U121840X
Order #	582628

Calibrated By	Zumair khan
Date of Calibration	4/3/2025

*Solutions provided by Reagents (800-732-8484)

Revision 1, 3/27/24

All calibrations performed by FEI conform to manufacturer's specifications. Please report any issues within 24 hours of receiving equipment.

All calibration solutions used are traceable to NIST. Additional documentation is available upon request.



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YSI 6-Series Calibration Certificate

Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 7 @ 25°C	44070163	7/18/2026	7.01	7.00	(6.86 to 7.14)
			pH mV value	-35.0	(0 mV +/- 50mV)

Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 4 @ 25°C	44080520	8/29/2026	3.98	4.00	(3.92 to 4.08)
			pH mV value	141.90	(130mV to 145mV)

Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 10 @ 25°C	44090097	9/19/2026	9.98	10.00	(9.80 to 10.20)
			pH mV value	-202.20	(-200mV to -215mV)

Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
Conductivity	8409390	10/18/2026	1695.000	1409.000	(1.338 to 1.479)

Dissolved Oxygen

	Pre-Cal Reading	Post-Cal Reading	
100% Saturation	8.75	8.66	mg/L

Check Standard	Temp °C	Relative Reading	Acceptable Range
ORP	23.0	220.0	(+/- 20mV from the solution mv value)
	mV Offset	13.2	(+/-100mV)

	Pre-Cal Reading	Post-Cal Reading
Turbidity		
0 NTU	-0.7	0.0
124 NTU	90.0	124.0

Model	YSI Pro DSS ▼
Cable Length	4 Meter ▼
Cable SN	22H102750
S/N	22K103955
Barcode	U115939X
Order #	582628

Calibrated By	Zumair khan ▼
Date of Calibration	4/3/2025

*Solutions provided by Reagents (800-732-8484)

Revision 1, 3/27/24

All calibrations performed by FEI conform to manufacturer's specifications. Please report any issues within 24 hours of receiving equipment.

All calibration solutions used are traceable to NIST. Additional documentation is available upon request.

[illegible]

1 bump due to partial sampling day (graze day)

LOGO		PROJECT INFORMATION						
		Site: Vermillion		Client: <i>Vistra/Rampall</i>	Date: <i>14-15-25</i>			
		Project Number 2025.0021		Task #:				
		Calibrated By <i>Corner</i>						
METER SUMMARY								
Meter		Make/Model		Serial #				
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)		<i>PRO D33</i>		<i>U129766X</i>				
Turbidity Meter								
Other:								
SPECIFIC CONDUCTANCE¹								
Time HH:MM	Calibration Standard Temp deg C	Specific Conductance (Before Adj.) μ S/cm	Specific Conductance (After Adj.) μ S/cm		Standard Lot No.			
<i>0705</i>	<i>17.1</i>	<i>1143</i>	<i>N/A Pump</i>	<i>← 1167</i>	<i>8409390</i>			
<i>1415</i>	<i>13.6</i>	<i>1214</i>	<i>Pump</i>	<i>② 17.1</i>	<i>Calibration Standard Value 14690250</i>			
<i>1600</i>	<i>14.5</i>	<i>1209</i>	<i>Pump</i>		<i>Standard Exp. Date 10-18-25</i>			
1) Perform SC calibration prior to pH, as pH standard is extremely conductive and can skew calibration.								
pH²								
Time HH:MM	pH Buffer	Calibration Standard Temp deg C	pH (Before Adj.)	pH (After Adj.)	Slope	MV	Buffer Lot #'s	
<i>0710</i>	<i>7.0</i>	<i>12.6</i>	<i>7.04</i>	<i>N/A Pump</i>		<i>-38.6</i>	pH <i>7</i>	<i>44070163</i>
<i>1420</i>	<i>7.0</i>	<i>13.1</i>	<i>7.07</i>	<i>Pump</i>		<i>-29.5</i>	pH	
<i>1605</i>	<i>7.0</i>	<i>13.6</i>	<i>7.06</i>	<i>Pump</i>		<i>-28.7</i>	pH	
							Buffer Exp. Dates	
							pH <i>7</i>	<i>7/18/26</i>
							pH	
							pH	
2) A 3-point pH calibration should be used if a 2-point does not bracket the range of pH expected or if the range is unknown or expected to vary greatly.								
ORP								
Time HH:MM	Calibration Standard Value mV	Calibration Standard Temp deg C	ORP (Before Adj.) μ S/cm	ORP (After Adj.) μ S/cm		Standard Lot No.	Standard Exp. Date	
<i>0715</i>	<i>220</i>	<i>13.9</i>	<i>205.6</i>	<i>Pump</i>		<i>15178</i>	<i>12/23/25</i>	
<i>1425</i>	<i>220</i>	<i>13.8</i>	<i>210.5</i>	<i>Pump</i>				
<i>1615</i>	<i>220</i>	<i>15.8</i>	<i>121.5</i>	<i>224.7</i>				
DISSOLVED OXYGEN								
% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L		
100%	<i>0720</i>	<i>770.1</i>	<i>9.98</i>	<i>100</i>	<i>Pump</i>	<i>9.98</i>		
	<i>1430</i>	<i>776.1</i>	<i>9.95</i>	<i>100</i>	<i>Pump</i>	<i>9.95</i>		
	<i>1610</i>		<i>11.04</i>	<i>100</i>	<i>Pump</i>	<i>11.04</i>		
0 %								
TURBIDITY								
0 NTU			___ NTU					
Time HH:MM	Initial Reading NTU	Calibrated To NTU	Time HH:MM	Initial Reading NTU	Calibrated To NTU			
<i>0715</i>	<i>1.72</i>	<i>Pump</i>						
<i>1435</i>	<i>1.32</i>	<i>Pump</i>						
<i>1610</i>	<i>10.85</i>	<i>Pump</i>						
						Standard Lot No: <i>8403304</i>		
						Standard Exp. Date: <i>10/21/25</i>		

[illegible]

LOGO		PROJECT INFORMATION				
		Site: Vermillion		Client:	Date:	
		Project Number 2025.0021		Task #:		
		Calibrated By (Name)				
METER SUMMARY						
Meter		Make/Model		Serial #		
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)		PRODSS		U119766x		
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.		
0715	14.0	1124	Bump	Calibration Standard Value		8409390
				Standard Exp. Date		14690250
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
0720	7	13.7	7.01	Bump	-26.4	
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	220	18.6	177.9	Bump	15179	12/23/25
DISSOLVED OXYGEN						
% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L
100%	0730		11.10	100	Bump	11.10
0 %						
TURBIDITY						
0 NTU			___ NTU			
Time HH:MM	Initial Reading NTU	Calibrated To NTU	Time HH:MM	Initial Reading NTU	Calibrated To NTU	
0730	5.67	Bump				
			Standard Lot No: 0403304			
			Standard Exp. Date: 10/1/25			

1 bump due to partial sampling delay (event finish)

LOGO	PROJECT INFORMATION						
	Site: Vermillion		Client:			Date: 4/14/25	
	Project Number 2025.0021		Task #:				
	Calibrated By (G. Aswathy)						
METER SUMMARY							
Meter		Make/Model			Serial #		
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)		YSI-PROD98			U115939V		
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.	8409390
1426	21.0	1218	1297			Calibration Standard Value	1297
						Standard Exp. Date	10/18/26
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
1422	7	20.9	7.02	NABump	N/A	-34.3	pH 7 4467016J
							pH _
							pH _
							Buffer Exp. Dates
							pH 7 7/18/26
							pH _
							pH _
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.
1425	220	22.1	212.6	219.9			15179
							12/23/25
DISSOLVED OXYGEN							
% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L	
100% →	1429	759.2	9.07	100	9.64	9.64	
0 %							
TURBIDITY							
0 NTU				___ NTU			
Time HH:MM	Initial Reading NTU	Calibrated To NTU		Time HH:MM	Initial Reading NTU	Calibrated To NTU	
1450	0.25	Bump NA					
				Standard Lot No: 8412598			
				Standard Exp. Date: 7/28/26			

1 pH bump do to 1/3 sample day (Gauge-day)

3 bump pH
1 bump turbidity
1 bump ORP
1 bump spec com
daily DO
calibrate

$\begin{array}{r} 25 \\ 21 \\ \hline 46 \end{array}$

	PROJECT INFORMATION							
LOGO	Site: Vermillion		Client:		Date:			
	Project Number 2025.0021		Task #:					
	Calibrated By (G. Asalling)							
METER SUMMARY								
Meter		Make/Model		Serial #				
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)		YSI-ProDO8		U115939X				
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.	8409390	
0727	19.2	1283	1217			Calibration Standard Value	1218	
						Standard Exp. Date	10/18/26	
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	
0734	7	17.5	7.01	NA Bump	NA	-34.2	pH 7 44670163	
1141	7	11.5	7.02	NA Bump	NA	-34.1	pH 7 " "	
1631	7	13.4	7.03	NA BUMP	NA	-35.4	pH 7 " "	
							Buffer Exp. Dates	
							pH 7 7/18/26	
							pH 7 " "	
							pH 7 " "	
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
0736	220	11.3	233.9	220.0			15179	12/23/25
DISSOLVED OXYGEN								
% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L		
100%	0740	762.0	11.48	100	10.50	10.50		
0 %								
TURBIDITY								
0 NTU				___ NTU				
Time HH:MM	Initial Reading NTU	Calibrated To NTU		Time HH:MM	Initial Reading NTU	Calibrated To NTU		
0723	0.79	Bump, NA						
				Standard Lot No: 8412598				
				Standard Exp. Date 7/28/26				

25
19.2

6.7 13.6

3 pH bumps pH 1 bump spec con
1 bump turbidity daily CO
1 bump org

LOGO		PROJECT INFORMATION					
		Site: Vermillion		Client:		Date: 4/16/25	
		Project Number 2025.0021		Task #:			
		Calibrated By (C. Anderson)					
METER SUMMARY							
Meter		Make/Model			Serial #		
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)		YSE-PRO-00			12115939X		
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.		8409390	
0712	10.9	1221	NA Bump	Calibration Standard Value		1221	
				Standard Exp. Date		10/18/26	
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
0715	7	15.5	7.01	NA	Bump	-35.6	pH 7 44670163
1210	7	17.4	7.02	NA	Bump	-35.6	pH 7 " "
1418	7	21.1	7.02	NA	Bump	-36.3	pH 7
							Buffer Exp. Dates
							pH 7 7/18/26
							pH 4 " "
							pH 1
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
0720	220	13.3	291.5	NA Bump	15179		12/20/25
DISSOLVED OXYGEN							
% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L	
100%	0720	766.4	1135	100	1147	11.51	
0 %							
TURBIDITY							
0 NTU			___ NTU				
Time HH:MM	Initial Reading NTU	Calibrated To NTU	Time HH:MM	Initial Reading NTU	Calibrated To NTU		
0720	0.32	NA Bump					
				Standard Lot No:		8412542	
				Standard Exp. Date		7/23/26	

16.9
8.0
2
16.2

LOGO	PROJECT INFORMATION					
	Site: Vermillion		Client:		Date:	
	Project Number 2025.0021		Task #:			
	Calibrated By (G. A. Hilly)					
METER SUMMARY						
Meter		Make/Model		Serial #		
Multi-Parameter Probe (pH, DO, ORP, SC, Turbidity)		YSE-PROD&S		4115939X		
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.	8409390
					Calibration Standard Value	8
					Standard Exp. Date	10/18/26
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
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. 15179
						Standard Exp. Date 12/23/25
DISSOLVED OXYGEN						
% Saturation Method	Time HH:MM	Barometric Pressure	Initial Reading mg/L	% Saturation	Calibrated To mg/L	Final Reading mg/L
100%						
0 %						
TURBIDITY						
0 NTU			___ NTU			
Time HH:MM	Initial Reading NTU	Calibrated To NTU	Time HH:MM	Initial Reading NTU	Calibrated To NTU	
			Standard Lot No: 8412593			
			Standard Exp. Date: 7/28/26			

No calibration because no sampling occurred

**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 2, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
02	LGU	E009	Antimony, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.003	0.00100
02	LGU	E009	Arsenic, total	mg/L	03/31/21 - 04/16/25	16	6	CI around mean	0.00611	0.0600
02	LGU	E009	Barium, total	mg/L	03/31/21 - 04/16/25	16	0	CI around mean	0.199	0.520
02	LGU	E009	Beryllium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.001	0.001
02	LGU	E009	Boron, total	mg/L	03/31/21 - 04/16/25	16	0	CI around mean	0.317	2.45
02	LGU	E009	Cadmium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0005	0.001
02	LGU	E009	Chloride, total	mg/L	03/31/21 - 04/16/25	16	0	CI around median	39	82.0
02	LGU	E009	Chromium, total	mg/L	03/31/21 - 04/16/25	16	94	CB around T-S line	0.0015	0.0200
02	LGU	E009	Cobalt, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.001	0.00400
02	LGU	E009	Fluoride, total	mg/L	03/31/21 - 04/16/25	16	6	CB around linear reg	0.546	1.14
02	LGU	E009	Lead, total	mg/L	03/31/21 - 04/16/25	16	94	CI around median	0.0005	0.00600
02	LGU	E009	Lithium, total	mg/L	03/31/21 - 04/16/25	16	62	CI around median	0.0037	0.0300
02	LGU	E009	Mercury, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0002	0.0002
02	LGU	E009	Molybdenum, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.005	0.0200
02	LGU	E009	pH (field)	SU	03/31/21 - 04/16/25	16	0	CI around mean	7.5/7.8	6.8/7.8
02	LGU	E009	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 04/16/25	15	0	CI around mean	0.575	1.90
02	LGU	E009	Selenium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0025	0.001
02	LGU	E009	Sulfate, total	mg/L	03/31/21 - 04/16/25	16	0	CB around linear reg	-18.2	227
02	LGU	E009	Thallium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.002	0.002
02	LGU	E009	Total Dissolved Solids	mg/L	03/31/21 - 04/16/25	16	0	CI around mean	566	746
03R	LGU	E009	Antimony, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.003	0.00100
03R	LGU	E009	Arsenic, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	0.00562	0.0600
03R	LGU	E009	Barium, total	mg/L	03/30/21 - 04/15/25	17	0	CI around geomean	0.294	0.520
03R	LGU	E009	Beryllium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.001
03R	LGU	E009	Boron, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	28.5	2.45
03R	LGU	E009	Cadmium, total	mg/L	03/30/21 - 04/15/25	17	76	CI around median	0.0005	0.001
03R	LGU	E009	Chloride, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	19.9	82.0

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
03R	LGU	E009	Chromium, total	mg/L	03/30/21 - 04/15/25	17	76	CB around T-S line	0.0015	0.0200
03R	LGU	E009	Cobalt, total	mg/L	03/30/21 - 04/15/25	17	82	CI around median	0.001	0.00400
03R	LGU	E009	Fluoride, total	mg/L	03/30/21 - 04/15/25	17	6	CI around mean	0.439	1.14
03R	LGU	E009	Lead, total	mg/L	03/30/21 - 04/15/25	17	47	CI around median	0.001	0.00600
03R	LGU	E009	Lithium, total	mg/L	03/30/21 - 04/15/25	17	71	CB around T-S line	0.003	0.0300
03R	LGU	E009	Mercury, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0002	0.0002
03R	LGU	E009	Molybdenum, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	0.366	0.0200
03R	LGU	E009	pH (field)	SU	03/30/21 - 04/15/25	17	0	CI around mean	7.2/7.4	6.8/7.8
03R	LGU	E009	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 04/15/25	15	0	CI around mean	1.18	1.90
03R	LGU	E009	Selenium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0025	0.001
03R	LGU	E009	Sulfate, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	533	227
03R	LGU	E009	Thallium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.002	0.002
03R	LGU	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	1,210	746
04	UA	E009	Antimony, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.003	0.00100
04	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/16/25	17	6	CI around geomean	0.00519	0.0600
04	UA	E009	Barium, total	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	0.22	0.520
04	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.001	0.001
04	UA	E009	Boron, total	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	8.2	2.45
04	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0005	0.001
04	UA	E009	Chloride, total	mg/L	03/30/21 - 04/16/25	17	0	CB around linear reg	7.51	82.0
04	UA	E009	Chromium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.005	0.0200
04	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/16/25	17	94	Most recent sample	0.001	0.00400
04	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/16/25	17	6	CI around median	0.3	1.14
04	UA	E009	Lead, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0005	0.00600
04	UA	E009	Lithium, total	mg/L	03/30/21 - 04/16/25	17	0	CB around linear reg	0.0382	0.0300
04	UA	E009	Mercury, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0002	0.0002
04	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/16/25	17	0	CB around linear reg	0.0349	0.0200

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04	UA	E009	pH (field)	SU	03/30/21 - 04/16/25	17	0	CI around mean	7.4/7.6	6.8/7.8
04	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 04/16/25	15	0	CI around mean	0.791	1.90
04	UA	E009	Selenium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.013	0.001
04	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/16/25	17	0	CB around linear reg	-9.4	227
04	UA	E009	Thallium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.002	0.002
04	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	367	746
05	UA	E009	Antimony, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.003	0.00100
05	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.0600
05	UA	E009	Barium, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	0.0228	0.520
05	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.001
05	UA	E009	Boron, total	mg/L	03/30/21 - 04/15/25	17	0	CI around median	16	2.45
05	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0005	0.001
05	UA	E009	Chloride, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	5.04	82.0
05	UA	E009	Chromium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.005	0.0200
05	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/15/25	17	82	CI around median	0.001	0.00400
05	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/15/25	17	6	CB around linear reg	0.578	1.14
05	UA	E009	Lead, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0005	0.00600
05	UA	E009	Lithium, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	0.0877	0.0300
05	UA	E009	Mercury, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0002	0.0002
05	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/15/25	17	0	CB around T-S line	0.0251	0.0200
05	UA	E009	pH (field)	SU	03/30/21 - 04/15/25	17	0	CI around mean	7.3/7.5	6.8/7.8
05	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 04/15/25	15	0	CI around mean	0.152	1.90
05	UA	E009	Selenium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0025	0.001
05	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/15/25	17	0	CI around median	220	227
05	UA	E009	Thallium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.002	0.002
05	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	546	746
07R	UA	E009	Antimony, total	mg/L	05/12/21 - 04/16/25	12	83	CI around median	0.001	0.00100

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07R	UA	E009	Arsenic, total	mg/L	05/12/21 - 04/16/25	12	8	CI around geomean	0.0018	0.0600
07R	UA	E009	Barium, total	mg/L	05/12/21 - 04/16/25	12	0	CI around median	0.0176	0.520
07R	UA	E009	Beryllium, total	mg/L	05/12/21 - 04/16/25	12	83	CI around median	0.001	0.001
07R	UA	E009	Boron, total	mg/L	05/12/21 - 04/16/25	12	0	CB around linear reg	40.1	2.45
07R	UA	E009	Cadmium, total	mg/L	05/12/21 - 04/16/25	12	75	CB around T-S line	-0.000724	0.001
07R	UA	E009	Chloride, total	mg/L	05/12/21 - 04/16/25	12	0	CI around mean	4.45	82.0
07R	UA	E009	Chromium, total	mg/L	05/12/21 - 04/16/25	12	75	CI around median	0.0015	0.0200
07R	UA	E009	Cobalt, total	mg/L	05/12/21 - 04/16/25	12	67	CI around median	0.001	0.00400
07R	UA	E009	Fluoride, total	mg/L	05/12/21 - 04/16/25	12	33	CI around mean	0.1	1.14
07R	UA	E009	Lead, total	mg/L	05/12/21 - 04/16/25	12	75	CB around T-S line	-0.214	0.00600
07R	UA	E009	Lithium, total	mg/L	05/12/21 - 04/16/25	12	0	CB around linear reg	0.598	0.0300
07R	UA	E009	Mercury, total	mg/L	05/12/21 - 04/16/25	12	100	All ND - Last	0.0002	0.0002
07R	UA	E009	Molybdenum, total	mg/L	05/12/21 - 04/16/25	12	0	CI around mean	0.323	0.0200
07R	UA	E009	pH (field)	SU	05/12/21 - 04/16/25	12	0	CI around mean	7.2/7.6	6.8/7.8
07R	UA	E009	Radium 226 + Radium 228, total	pCi/L	05/12/21 - 04/16/25	12	0	CI around geomean	0.392	1.90
07R	UA	E009	Selenium, total	mg/L	05/12/21 - 04/16/25	12	25	CI around geomean	0.0022	0.001
07R	UA	E009	Sulfate, total	mg/L	05/12/21 - 04/16/25	12	0	CI around mean	1,780	227
07R	UA	E009	Thallium, total	mg/L	05/12/21 - 04/16/25	12	100	All ND - Last	0.002	0.002
07R	UA	E009	Total Dissolved Solids	mg/L	05/12/21 - 04/16/25	12	0	CI around mean	2,890	746
08R	UA	E009	Antimony, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.003	0.00100
08R	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/15/25	16	6	CB around T-S line	0.0164	0.0600
08R	UA	E009	Barium, total	mg/L	03/30/21 - 04/15/25	16	0	CI around mean	0.059	0.520
08R	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.001	0.001
08R	UA	E009	Boron, total	mg/L	03/30/21 - 04/15/25	16	0	CI around median	25	2.45
08R	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.0005	0.001
08R	UA	E009	Chloride, total	mg/L	03/30/21 - 04/15/25	16	0	CI around mean	5.19	82.0
08R	UA	E009	Chromium, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.005	0.0200

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08R	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.001	0.00400
08R	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/15/25	16	81	CI around median	0.1	1.14
08R	UA	E009	Lead, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.0005	0.00600
08R	UA	E009	Lithium, total	mg/L	03/30/21 - 04/15/25	16	0	CI around median	0.288	0.0300
08R	UA	E009	Mercury, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.0002	0.0002
08R	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/15/25	16	6	CI around mean	0.173	0.0200
08R	UA	E009	pH (field)	SU	03/30/21 - 04/15/25	16	0	CI around mean	7.1/7.9	6.8/7.8
08R	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 04/15/25	14	0	CI around mean	0.544	1.90
08R	UA	E009	Selenium, total	mg/L	03/30/21 - 04/15/25	16	94	CB around T-S line	0.001	0.001
08R	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/15/25	16	0	CI around median	645	227
08R	UA	E009	Thallium, total	mg/L	03/30/21 - 04/15/25	16	100	All ND - Last	0.002	0.002
08R	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/15/25	16	0	CI around median	1,200	746
17	UA	E009	Antimony, total	mg/L	03/31/21 - 04/16/25	11	100	All ND - Last	0.003	0.00100
17	UA	E009	Arsenic, total	mg/L	03/31/21 - 04/16/25	11	18	CI around mean	0.00295	0.0600
17	UA	E009	Barium, total	mg/L	03/31/21 - 04/16/25	11	0	CI around mean	0.0255	0.520
17	UA	E009	Beryllium, total	mg/L	03/31/21 - 04/16/25	11	100	All ND - Last	0.001	0.001
17	UA	E009	Boron, total	mg/L	03/31/21 - 04/16/25	11	0	CI around mean	3.46	2.45
17	UA	E009	Cadmium, total	mg/L	03/31/21 - 04/16/25	11	91	CI around median	0.0005	0.001
17	UA	E009	Chloride, total	mg/L	03/31/21 - 04/16/25	11	0	CI around mean	16.7	82.0
17	UA	E009	Chromium, total	mg/L	03/31/21 - 04/16/25	11	100	All ND - Last	0.005	0.0200
17	UA	E009	Cobalt, total	mg/L	03/31/21 - 04/16/25	11	18	CI around mean	0.0014	0.00400
17	UA	E009	Fluoride, total	mg/L	03/31/21 - 04/16/25	11	9	CB around T-S line	0.195	1.14
17	UA	E009	Lead, total	mg/L	03/31/21 - 04/16/25	11	64	CI around median	0.0005	0.00600
17	UA	E009	Lithium, total	mg/L	03/31/21 - 04/16/25	11	0	CI around mean	0.0204	0.0300
17	UA	E009	Mercury, total	mg/L	03/31/21 - 04/16/25	11	100	All ND - Last	0.0002	0.0002
17	UA	E009	Molybdenum, total	mg/L	03/31/21 - 04/16/25	11	54	CI around median	0.00303	0.0200
17	UA	E009	pH (field)	SU	03/31/21 - 04/16/25	11	0	CI around mean	6.7/6.9	6.8/7.8

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17	UA	E009	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 04/16/25	9	0	CI around mean	0.216	1.90
17	UA	E009	Selenium, total	mg/L	03/31/21 - 04/16/25	11	91	CB around T-S line	0.001	0.001
17	UA	E009	Sulfate, total	mg/L	03/31/21 - 04/16/25	11	0	CI around geomean	925	227
17	UA	E009	Thallium, total	mg/L	03/31/21 - 04/16/25	11	100	All ND - Last	0.002	0.002
17	UA	E009	Total Dissolved Solids	mg/L	03/31/21 - 04/16/25	11	0	CI around mean	1,680	746
20	UA	E009	Antimony, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.003	0.00100
20	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/16/25	17	59	CI around median	0.001	0.0600
20	UA	E009	Barium, total	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	0.0187	0.520
20	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.001	0.001
20	UA	E009	Boron, total	mg/L	03/30/21 - 04/16/25	17	0	CB around linear reg	1.83	2.45
20	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0005	0.001
20	UA	E009	Chloride, total	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	3.88	82.0
20	UA	E009	Chromium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.005	0.0200
20	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/16/25	17	82	CI around median	0.001	0.00400
20	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.1	1.14
20	UA	E009	Lead, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0005	0.00600
20	UA	E009	Lithium, total	mg/L	03/30/21 - 04/16/25	17	0	CI around geomean	0.021	0.0300
20	UA	E009	Mercury, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0002	0.0002
20	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/16/25	17	94	CB around T-S line	0.0015	0.0200
20	UA	E009	pH (field)	SU	03/30/21 - 04/16/25	17	0	CI around mean	6.9/7.2	6.8/7.8
20	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 04/16/25	15	0	CI around mean	0.396	1.90
20	UA	E009	Selenium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.0025	0.001
20	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/16/25	17	0	CI around geomean	78.4	227
20	UA	E009	Thallium, total	mg/L	03/30/21 - 04/16/25	17	100	All ND - Last	0.002	0.002
20	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/16/25	17	0	CI around mean	419	746
34	LGU	E009	Antimony, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.003	0.00100
34	LGU	E009	Arsenic, total	mg/L	03/30/21 - 04/16/25	16	0	CI around geomean	0.0247	0.0600

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COMPARISON TO BACKGROUND - QUARTER 2, 2025
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VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
34	LGU	E009	Barium, total	mg/L	03/30/21 - 04/16/25	16	0	CI around mean	0.155	0.520
34	LGU	E009	Beryllium, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.001	0.001
34	LGU	E009	Boron, total	mg/L	03/30/21 - 04/16/25	16	0	CI around mean	0.486	2.45
34	LGU	E009	Cadmium, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.0005	0.001
34	LGU	E009	Chloride, total	mg/L	03/30/21 - 04/16/25	16	0	CI around mean	32.8	82.0
34	LGU	E009	Chromium, total	mg/L	03/30/21 - 04/16/25	16	50	CI around median	0.0033	0.0200
34	LGU	E009	Cobalt, total	mg/L	03/30/21 - 04/16/25	16	56	CI around median	0.001	0.00400
34	LGU	E009	Fluoride, total	mg/L	03/30/21 - 04/16/25	16	6	CI around median	0.63	1.14
34	LGU	E009	Lead, total	mg/L	03/30/21 - 04/16/25	16	12	CI around mean	0.00121	0.00600
34	LGU	E009	Lithium, total	mg/L	03/30/21 - 04/16/25	16	50	CI around mean	0.00339	0.0300
34	LGU	E009	Mercury, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.0002	0.0002
34	LGU	E009	Molybdenum, total	mg/L	03/30/21 - 04/16/25	16	94	CB around T-S line	0.0015	0.0200
34	LGU	E009	pH (field)	SU	03/30/21 - 04/16/25	16	0	CI around mean	7.0/7.2	6.8/7.8
34	LGU	E009	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 04/16/25	14	0	CI around geomean	0.567	1.90
34	LGU	E009	Selenium, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.0025	0.001
34	LGU	E009	Sulfate, total	mg/L	03/30/21 - 04/16/25	16	88	CB around T-S line	-3.58	227
34	LGU	E009	Thallium, total	mg/L	03/30/21 - 04/16/25	16	100	All ND - Last	0.002	0.002
34	LGU	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/16/25	16	0	CI around mean	477	746
36	UA	E009	Antimony, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.003	0.00100
36	UA	E009	Arsenic, total	mg/L	03/31/21 - 04/17/25	16	12	CI around geomean	0.0023	0.0600
36	UA	E009	Barium, total	mg/L	03/31/21 - 04/17/25	16	0	CB around linear reg	0.0247	0.520
36	UA	E009	Beryllium, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.001	0.001
36	UA	E009	Boron, total	mg/L	03/31/21 - 04/17/25	16	0	CI around mean	12.6	2.45
36	UA	E009	Cadmium, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.0005	0.001
36	UA	E009	Chloride, total	mg/L	03/31/21 - 04/17/25	16	0	CB around linear reg	6.31	82.0
36	UA	E009	Chromium, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.005	0.0200
36	UA	E009	Cobalt, total	mg/L	03/31/21 - 04/17/25	16	94	CI around median	0.001	0.00400

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
36	UA	E009	Fluoride, total	mg/L	03/31/21 - 04/17/25	16	6	CI around median	0.24	1.14
36	UA	E009	Lead, total	mg/L	03/31/21 - 04/17/25	16	94	CI around median	0.0005	0.00600
36	UA	E009	Lithium, total	mg/L	03/31/21 - 04/17/25	16	0	CI around mean	0.161	0.0300
36	UA	E009	Mercury, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.0002	0.0002
36	UA	E009	Molybdenum, total	mg/L	03/31/21 - 04/17/25	16	0	CI around mean	0.125	0.0200
36	UA	E009	pH (field)	SU	03/31/21 - 04/17/25	16	0	CI around mean	7.1/7.3	6.8/7.8
36	UA	E009	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 04/17/25	15	0	CI around mean	0.945	1.90
36	UA	E009	Selenium, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.025	0.001
36	UA	E009	Sulfate, total	mg/L	03/31/21 - 04/17/25	16	0	CI around geomean	976	227
36	UA	E009	Thallium, total	mg/L	03/31/21 - 04/17/25	16	100	All ND - Last	0.002	0.002
36	UA	E009	Total Dissolved Solids	mg/L	03/31/21 - 04/17/25	16	0	CI around mean	1,700	746
37	LGU	E009	Antimony, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.003	0.00100
37	LGU	E009	Arsenic, total	mg/L	03/31/21 - 04/16/25	16	0	CB around T-S line	0.0367	0.0600
37	LGU	E009	Barium, total	mg/L	03/31/21 - 04/16/25	16	0	CB around linear reg	0.324	0.520
37	LGU	E009	Beryllium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.001	0.001
37	LGU	E009	Boron, total	mg/L	03/31/21 - 04/16/25	16	0	CB around linear reg	1.88	2.45
37	LGU	E009	Cadmium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0005	0.001
37	LGU	E009	Chloride, total	mg/L	03/31/21 - 04/16/25	16	0	CI around mean	41.5	82.0
37	LGU	E009	Chromium, total	mg/L	03/31/21 - 04/16/25	16	94	CB around T-S line	0.0015	0.0200
37	LGU	E009	Cobalt, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.001	0.00400
37	LGU	E009	Fluoride, total	mg/L	03/31/21 - 04/16/25	16	6	CI around mean	0.565	1.14
37	LGU	E009	Lead, total	mg/L	03/31/21 - 04/16/25	16	75	CI around median	0.0005	0.00600
37	LGU	E009	Lithium, total	mg/L	03/31/21 - 04/16/25	16	94	CI around median	0.003	0.0300
37	LGU	E009	Mercury, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0002	0.0002
37	LGU	E009	Molybdenum, total	mg/L	03/31/21 - 04/16/25	16	94	CB around T-S line	0.0015	0.0200
37	LGU	E009	pH (field)	SU	03/31/21 - 04/16/25	16	0	CI around mean	6.9/7.1	6.8/7.8
37	LGU	E009	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 04/16/25	15	0	CI around mean	1.03	1.90

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OAKWOOD, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
37	LGU	E009	Selenium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.0025	0.001
37	LGU	E009	Sulfate, total	mg/L	03/31/21 - 04/16/25	16	0	CB around T-S line	270	227
37	LGU	E009	Thallium, total	mg/L	03/31/21 - 04/16/25	16	100	All ND - Last	0.002	0.002
37	LGU	E009	Total Dissolved Solids	mg/L	03/31/21 - 04/16/25	16	0	CB around linear reg	836	746
38	UA	E009	Antimony, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.003	0.00100
38	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	0.0297	0.0600
38	UA	E009	Barium, total	mg/L	03/30/21 - 04/15/25	17	0	CB around T-S line	0.133	0.520
38	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.001
38	UA	E009	Boron, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	0.431	2.45
38	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0005	0.001
38	UA	E009	Chloride, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	13.5	82.0
38	UA	E009	Chromium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.005	0.0200
38	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.00400
38	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/15/25	17	6	CI around median	0.35	1.14
38	UA	E009	Lead, total	mg/L	03/30/21 - 04/15/25	17	94	CI around median	0.0005	0.00600
38	UA	E009	Lithium, total	mg/L	03/30/21 - 04/15/25	17	65	CI around median	0.0033	0.0300
38	UA	E009	Mercury, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0002	0.0002
38	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/15/25	17	53	CI around median	0.0032	0.0200
38	UA	E009	pH (field)	SU	03/30/21 - 04/15/25	17	0	CI around mean	7.0/7.1	6.8/7.8
38	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 04/15/25	15	0	CI around mean	1.08	1.90
38	UA	E009	Selenium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0025	0.001
38	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/15/25	17	94	CB around T-S line	-3.36	227
38	UA	E009	Thallium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.002	0.002
38	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	498	746
41	UA	E009	Antimony, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.003	0.00100
41	UA	E009	Arsenic, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	0.0123	0.0600
41	UA	E009	Barium, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	0.233	0.520

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
41	UA	E009	Beryllium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.001
41	UA	E009	Boron, total	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	2.76	2.45
41	UA	E009	Cadmium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0005	0.001
41	UA	E009	Chloride, total	mg/L	03/30/21 - 04/15/25	17	0	CB around linear reg	45.2	82.0
41	UA	E009	Chromium, total	mg/L	03/30/21 - 04/15/25	17	94	CI around median	0.0015	0.0200
41	UA	E009	Cobalt, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.001	0.00400
41	UA	E009	Fluoride, total	mg/L	03/30/21 - 04/15/25	17	6	CI around median	0.41	1.14
41	UA	E009	Lead, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0005	0.00600
41	UA	E009	Lithium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.005	0.0300
41	UA	E009	Mercury, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0002	0.0002
41	UA	E009	Molybdenum, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.005	0.0200
41	UA	E009	pH (field)	SU	03/30/21 - 04/15/25	17	0	CB around linear reg	7.1/7.4	6.8/7.8
41	UA	E009	Radium 226 + Radium 228, total	pCi/L	04/20/21 - 04/15/25	15	0	CI around mean	1.12	1.90
41	UA	E009	Selenium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.0025	0.001
41	UA	E009	Sulfate, total	mg/L	03/30/21 - 04/15/25	17	88	CB around T-S line	-3.73	227
41	UA	E009	Thallium, total	mg/L	03/30/21 - 04/15/25	17	100	All ND - Last	0.002	0.002
41	UA	E009	Total Dissolved Solids	mg/L	03/30/21 - 04/15/25	17	0	CI around mean	611	746
40/72	UA	E009	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.00100
40/72	UA	E009	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.0600
40/72	UA	E009	Barium, total	mg/L	--	--	--	--	NS ⁷	0.520
40/72	UA	E009	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.001
40/72	UA	E009	Boron, total	mg/L	--	--	--	--	NS ⁷	2.45
40/72	UA	E009	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.001
40/72	UA	E009	Chloride, total	mg/L	--	--	--	--	NS ⁷	82.0
40/72	UA	E009	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.0200
40/72	UA	E009	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.00400
40/72	UA	E009	Fluoride, total	mg/L	--	--	--	--	NS ⁷	1.14

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
40/72	UA	E009	Lead, total	mg/L	--	--	--	--	NS ⁷	0.00600
40/72	UA	E009	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.0300
40/72	UA	E009	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.0002
40/72	UA	E009	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.0200
40/72	UA	E009	pH (field)	SU	--	--	--	--	NS ⁷	6.8/7.8
40/72	UA	E009	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	1.90
40/72	UA	E009	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.001
40/72	UA	E009	Sulfate, total	mg/L	--	--	--	--	NS ⁷	227
40/72	UA	E009	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002
40/72	UA	E009	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	746

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Notes:

-- = no data available

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

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

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

LGU = Lower Groundwater Unit

UA = Uppermost Aquifer

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

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