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

June 1, 2025

Illinois Environmental Protection Agency
DWPC – Permits MC#15
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 1, 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 exceedances[1] 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 IEPA[2]. 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 1, 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 Groundwater Protection Standards (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 EXCEEDANCES[1]
QUARTER 1, 2025
NORTH ASH POND AND OLD EAST ASH POND, VERMILION POWER PLANT, OAKWOOD, ILLINOIS

June 1, 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 April 2, 2025.

The monitoring well locations are included in **Figure 1**. **Attachment A** summarizes the groundwater elevation data for the Quarter 1, 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 the submersible pump became lodged in well 101 prior to sampling either monitoring well, 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 1, 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 Plan 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 Plan[2] constituent concentrations observed at compliance monitoring wells in Quarter 1, 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 IEPA on October 25, 2021 as part of Dynegy Midwest Generation, LLC'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 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 1, 2025
Table 2 Evaluation of Compliance - Quarter 1, 2025

FIGURES

Figure 1 Monitoring Well Location Map

ATTACHMENTS

Attachment A Groundwater Elevation Data - Quarter 1, 2025
Attachment B Laboratory Reports and Field Data Sheets - Quarter 1, 2025
Attachment C Comparison to Background - Quarter 1, 2025

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 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	E008	02/25/2025	Antimony, total	0.0013	mg/L
21	Background	E008	02/25/2025	Arsenic, total	0.0720	mg/L
21	Background	E008	02/25/2025	Barium, total	0.130	mg/L
21	Background	E008	02/25/2025	Beryllium, total	0.00053	mg/L
21	Background	E008	02/25/2025	Boron, total	0.850	mg/L
21	Background	E008	02/25/2025	Cadmium, total	0.00017	mg/L
21	Background	E008	02/25/2025	Calcium, total	70.0	mg/L
21	Background	E008	02/25/2025	Chloride, total	1.70	mg/L
21	Background	E008	02/25/2025	Chromium, total	0.0011	mg/L
21	Background	E008	02/25/2025	Cobalt, total	0.0004	mg/L
21	Background	E008	02/25/2025	Dissolved Oxygen	0.500	mg/L
21	Background	E008	02/25/2025	Fluoride, total	1.10	mg/L
21	Background	E008	02/25/2025	Lead, total	0.00029	mg/L
21	Background	E008	02/25/2025	Lithium, total	0.0024	mg/L
21	Background	E008	02/25/2025	Mercury, total	0.000076	mg/L
21	Background	E008	02/25/2025	Molybdenum, total	0.0035	mg/L
21	Background	E008	02/25/2025	Oxidation Reduction Potential	-195	mV
21	Background	E008	02/25/2025	pH (field)	7.4	SU
21	Background	E008	02/25/2025	Radium 226 + Radium 228, total	0.435	pCi/L
21	Background	E008	02/25/2025	Selenium, total	0.00098	mg/L
21	Background	E008	02/25/2025	Specific Conductance @ 25C (field)	744	micromhos/cm
21	Background	E008	02/25/2025	Sulfate, total	17.0	mg/L
21	Background	E008	02/25/2025	Temperature	12.9	degrees C
21	Background	E008	02/25/2025	Thallium, total	0.00057	mg/L
21	Background	E008	02/25/2025	Total Dissolved Solids	360	mg/L
21	Background	E008	02/25/2025	Turbidity, field	9.28	NTU
42	Background	E008	02/27/2025	Antimony, total	0.0013	mg/L
42	Background	E008	02/27/2025	Arsenic, total	0.0190	mg/L
42	Background	E008	02/27/2025	Barium, total	0.170	mg/L
42	Background	E008	02/27/2025	Beryllium, total	0.00053	mg/L
42	Background	E008	02/27/2025	Boron, total	0.660	mg/L
42	Background	E008	02/27/2025	Cadmium, total	0.00017	mg/L
42	Background	E008	02/27/2025	Calcium, total	91.0	mg/L
42	Background	E008	02/27/2025	Chloride, total	17.0	mg/L
42	Background	E008	02/27/2025	Chromium, total	0.0011	mg/L
42	Background	E008	02/27/2025	Cobalt, total	0.0004	mg/L
42	Background	E008	02/27/2025	Dissolved Oxygen	0.210	mg/L
42	Background	E008	02/27/2025	Fluoride, total	0.540	mg/L
42	Background	E008	02/27/2025	Lead, total	0.00019	mg/L
42	Background	E008	02/27/2025	Lithium, total	0.0031	mg/L
42	Background	E008	02/27/2025	Mercury, total	0.000076	mg/L
42	Background	E008	02/27/2025	Molybdenum, total	0.0025	mg/L
42	Background	E008	02/27/2025	Oxidation Reduction Potential	-180	mV
42	Background	E008	02/27/2025	pH (field)	7.4	SU
42	Background	E008	02/27/2025	Radium 226 + Radium 228, total	0.59	pCi/L
42	Background	E008	02/27/2025	Selenium, total	0.00098	mg/L

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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
42	Background	E008	02/27/2025	Specific Conductance @ 25C (field)	1,018	micromhos/cm
42	Background	E008	02/27/2025	Sulfate, total	43.0	mg/L
42	Background	E008	02/27/2025	Temperature	10.9	degrees C
42	Background	E008	02/27/2025	Thallium, total	0.00057	mg/L
42	Background	E008	02/27/2025	Total Dissolved Solids	550	mg/L
42	Background	E008	02/27/2025	Turbidity, field	7.53	NTU
43	Background	E008	02/27/2025	Antimony, total	0.0013	mg/L
43	Background	E008	02/27/2025	Arsenic, total	0.0110	mg/L
43	Background	E008	02/27/2025	Barium, total	0.340	mg/L
43	Background	E008	02/27/2025	Beryllium, total	0.00053	mg/L
43	Background	E008	02/27/2025	Boron, total	1.10	mg/L
43	Background	E008	02/27/2025	Cadmium, total	0.00017	mg/L
43	Background	E008	02/27/2025	Calcium, total	98.0	mg/L
43	Background	E008	02/27/2025	Chloride, total	62.0	mg/L
43	Background	E008	02/27/2025	Chromium, total	0.0011	mg/L
43	Background	E008	02/27/2025	Cobalt, total	0.0004	mg/L
43	Background	E008	02/27/2025	Dissolved Oxygen	3.75	mg/L
43	Background	E008	02/27/2025	Fluoride, total	0.470	mg/L
43	Background	E008	02/27/2025	Lead, total	0.00019	mg/L
43	Background	E008	02/27/2025	Lithium, total	0.0110	mg/L
43	Background	E008	02/27/2025	Mercury, total	0.000076	mg/L
43	Background	E008	02/27/2025	Molybdenum, total	0.0025	mg/L
43	Background	E008	02/27/2025	Oxidation Reduction Potential	-128	mV
43	Background	E008	02/27/2025	pH (field)	7.6	SU
43	Background	E008	02/27/2025	Radium 226 + Radium 228, total	0.944	pCi/L
43	Background	E008	02/27/2025	Selenium, total	0.00098	mg/L
43	Background	E008	02/27/2025	Specific Conductance @ 25C (field)	1,393	micromhos/cm
43	Background	E008	02/27/2025	Sulfate, total	120	mg/L
43	Background	E008	02/27/2025	Temperature	11.2	degrees C
43	Background	E008	02/27/2025	Thallium, total	0.00057	mg/L
43	Background	E008	02/27/2025	Total Dissolved Solids	790	mg/L
43	Background	E008	02/27/2025	Turbidity, field	15.9	NTU
101	Background	E008	--	Antimony, total	NS[5]	mg/L
101	Background	E008	--	Arsenic, total	NS[5]	mg/L
101	Background	E008	--	Barium, total	NS[5]	mg/L
101	Background	E008	--	Beryllium, total	NS[5]	mg/L
101	Background	E008	--	Boron, total	NS[5]	mg/L
101	Background	E008	--	Cadmium, total	NS[5]	mg/L
101	Background	E008	--	Calcium, total	NS[5]	mg/L
101	Background	E008	--	Chloride, total	NS[5]	mg/L
101	Background	E008	--	Chromium, total	NS[5]	mg/L
101	Background	E008	--	Cobalt, total	NS[5]	mg/L
101	Background	E008	--	Dissolved Oxygen	NS[5]	mg/L
101	Background	E008	--	Fluoride, total	NS[5]	mg/L
101	Background	E008	--	Lead, total	NS[5]	mg/L
101	Background	E008	--	Lithium, total	NS[5]	mg/L

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OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
101	Background	E008	--	Mercury, total	NS[5]	mg/L
101	Background	E008	--	Molybdenum, total	NS[5]	mg/L
101	Background	E008	--	Oxidation Reduction Potential	NS[5]	mV
101	Background	E008	--	pH (field)	NS[5]	SU
101	Background	E008	--	Radium 226 + Radium 228, total	NS[5]	pCi/L
101	Background	E008	--	Selenium, total	NS[5]	mg/L
101	Background	E008	--	Specific Conductance @ 25C (field)	NS[5]	micromhos/cm
101	Background	E008	--	Sulfate, total	NS[5]	mg/L
101	Background	E008	--	Temperature	NS[5]	degrees C
101	Background	E008	--	Thallium, total	NS[5]	mg/L
101	Background	E008	--	Total Dissolved Solids	NS[5]	mg/L
101	Background	E008	--	Turbidity, field	NS[5]	NTU
103R	Background	E008	--	Antimony, total	NS[5]	mg/L
103R	Background	E008	--	Arsenic, total	NS[5]	mg/L
103R	Background	E008	--	Barium, total	NS[5]	mg/L
103R	Background	E008	--	Beryllium, total	NS[5]	mg/L
103R	Background	E008	--	Boron, total	NS[5]	mg/L
103R	Background	E008	--	Cadmium, total	NS[5]	mg/L
103R	Background	E008	--	Calcium, total	NS[5]	mg/L
103R	Background	E008	--	Chloride, total	NS[5]	mg/L
103R	Background	E008	--	Chromium, total	NS[5]	mg/L
103R	Background	E008	--	Cobalt, total	NS[5]	mg/L
103R	Background	E008	--	Dissolved Oxygen	NS[5]	mg/L
103R	Background	E008	--	Fluoride, total	NS[5]	mg/L
103R	Background	E008	--	Lead, total	NS[5]	mg/L
103R	Background	E008	--	Lithium, total	NS[5]	mg/L
103R	Background	E008	--	Mercury, total	NS[5]	mg/L
103R	Background	E008	--	Molybdenum, total	NS[5]	mg/L
103R	Background	E008	--	Oxidation Reduction Potential	NS[5]	mV
103R	Background	E008	--	pH (field)	NS[5]	SU
103R	Background	E008	--	Radium 226 + Radium 228, total	NS[5]	pCi/L
103R	Background	E008	--	Selenium, total	NS[5]	mg/L
103R	Background	E008	--	Specific Conductance @ 25C (field)	NS[5]	micromhos/cm
103R	Background	E008	--	Sulfate, total	NS[5]	mg/L
103R	Background	E008	--	Temperature	NS[5]	degrees C
103R	Background	E008	--	Thallium, total	NS[5]	mg/L
103R	Background	E008	--	Total Dissolved Solids	NS[5]	mg/L
103R	Background	E008	--	Turbidity, field	NS[5]	NTU
02	Compliance	E008	02/26/2025	Antimony, total	0.0013	mg/L
02	Compliance	E008	02/26/2025	Arsenic, total	0.00660	mg/L
02	Compliance	E008	02/26/2025	Barium, total	0.200	mg/L
02	Compliance	E008	02/26/2025	Beryllium, total	0.00053	mg/L
02	Compliance	E008	02/26/2025	Boron, total	0.350	mg/L
02	Compliance	E008	02/26/2025	Cadmium, total	0.00017	mg/L
02	Compliance	E008	02/26/2025	Calcium, total	86.0	mg/L
02	Compliance	E008	02/26/2025	Chloride, total	48.0	mg/L

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NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
02	Compliance	E008	02/26/2025	Chromium, total	0.0011	mg/L
02	Compliance	E008	02/26/2025	Cobalt, total	0.0004	mg/L
02	Compliance	E008	02/26/2025	Dissolved Oxygen	0.0500	mg/L
02	Compliance	E008	02/26/2025	Fluoride, total	0.620	mg/L
02	Compliance	E008	02/26/2025	Lead, total	0.00028	mg/L
02	Compliance	E008	02/26/2025	Lithium, total	0.0034	mg/L
02	Compliance	E008	02/26/2025	Mercury, total	0.000076	mg/L
02	Compliance	E008	02/26/2025	Molybdenum, total	0.0025	mg/L
02	Compliance	E008	02/26/2025	Oxidation Reduction Potential	-192	mV
02	Compliance	E008	02/26/2025	pH (field)	7.8	SU
02	Compliance	E008	02/26/2025	Radium 226 + Radium 228, total	0.484	pCi/L
02	Compliance	E008	02/26/2025	Selenium, total	0.00098	mg/L
02	Compliance	E008	02/26/2025	Specific Conductance @ 25C (field)	1,048	micromhos/cm
02	Compliance	E008	02/26/2025	Sulfate, total	18.0	mg/L
02	Compliance	E008	02/26/2025	Temperature	12.6	degrees C
02	Compliance	E008	02/26/2025	Thallium, total	0.00057	mg/L
02	Compliance	E008	02/26/2025	Total Dissolved Solids	530	mg/L
02	Compliance	E008	02/26/2025	Turbidity, field	5.26	NTU
03R	Compliance	E008	02/27/2025	Antimony, total	0.0013	mg/L
03R	Compliance	E008	02/27/2025	Arsenic, total	0.00730	mg/L
03R	Compliance	E008	02/27/2025	Barium, total	0.330	mg/L
03R	Compliance	E008	02/27/2025	Beryllium, total	0.00053	mg/L
03R	Compliance	E008	02/27/2025	Boron, total	29.0	mg/L
03R	Compliance	E008	02/27/2025	Cadmium, total	0.00034	mg/L
03R	Compliance	E008	02/27/2025	Calcium, total	170	mg/L
03R	Compliance	E008	02/27/2025	Chloride, total	22.0	mg/L
03R	Compliance	E008	02/27/2025	Chromium, total	0.00500	mg/L
03R	Compliance	E008	02/27/2025	Cobalt, total	0.00074	mg/L
03R	Compliance	E008	02/27/2025	Dissolved Oxygen	0.420	mg/L
03R	Compliance	E008	02/27/2025	Fluoride, total	0.440	mg/L
03R	Compliance	E008	02/27/2025	Lead, total	0.00120	mg/L
03R	Compliance	E008	02/27/2025	Lithium, total	0.00790	mg/L
03R	Compliance	E008	02/27/2025	Mercury, total	0.000076	mg/L
03R	Compliance	E008	02/27/2025	Molybdenum, total	0.360	mg/L
03R	Compliance	E008	02/27/2025	Oxidation Reduction Potential	-139	mV
03R	Compliance	E008	02/27/2025	pH (field)	7.6	SU
03R	Compliance	E008	02/27/2025	Radium 226 + Radium 228, total	1.15	pCi/L
03R	Compliance	E008	02/27/2025	Selenium, total	0.00099	mg/L
03R	Compliance	E008	02/27/2025	Specific Conductance @ 25C (field)	1,710	micromhos/cm
03R	Compliance	E008	02/27/2025	Sulfate, total	540	mg/L
03R	Compliance	E008	02/27/2025	Temperature	9.80	degrees C
03R	Compliance	E008	02/27/2025	Thallium, total	0.00057	mg/L
03R	Compliance	E008	02/27/2025	Total Dissolved Solids	1,300	mg/L
03R	Compliance	E008	02/27/2025	Turbidity, field	25	NTU
04	Compliance	E008	02/26/2025	Antimony, total	0.0013	mg/L
04	Compliance	E008	02/26/2025	Arsenic, total	0.00360	mg/L

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NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
04	Compliance	E008	02/26/2025	Barium, total	0.220	mg/L
04	Compliance	E008	02/26/2025	Beryllium, total	0.00053	mg/L
04	Compliance	E008	02/26/2025	Boron, total	6.30	mg/L
04	Compliance	E008	02/26/2025	Cadmium, total	0.00017	mg/L
04	Compliance	E008	02/26/2025	Calcium, total	80.0	mg/L
04	Compliance	E008	02/26/2025	Chloride, total	8.90	mg/L
04	Compliance	E008	02/26/2025	Chromium, total	0.0011	mg/L
04	Compliance	E008	02/26/2025	Cobalt, total	0.00054	mg/L
04	Compliance	E008	02/26/2025	Dissolved Oxygen	0.0200	mg/L
04	Compliance	E008	02/26/2025	Fluoride, total	0.290	mg/L
04	Compliance	E008	02/26/2025	Lead, total	0.00019	mg/L
04	Compliance	E008	02/26/2025	Lithium, total	0.0400	mg/L
04	Compliance	E008	02/26/2025	Mercury, total	0.000076	mg/L
04	Compliance	E008	02/26/2025	Molybdenum, total	0.0340	mg/L
04	Compliance	E008	02/26/2025	Oxidation Reduction Potential	-168	mV
04	Compliance	E008	02/26/2025	pH (field)	7.8	SU
04	Compliance	E008	02/26/2025	Radium 226 + Radium 228, total	0.922	pCi/L
04	Compliance	E008	02/26/2025	Selenium, total	0.00098	mg/L
04	Compliance	E008	02/26/2025	Specific Conductance @ 25C (field)	772	micromhos/cm
04	Compliance	E008	02/26/2025	Sulfate, total	75.0	mg/L
04	Compliance	E008	02/26/2025	Temperature	6.20	degrees C
04	Compliance	E008	02/26/2025	Thallium, total	0.00057	mg/L
04	Compliance	E008	02/26/2025	Total Dissolved Solids	430	mg/L
04	Compliance	E008	02/26/2025	Turbidity, field	1.75	NTU
05	Compliance	E008	02/27/2025	Antimony, total	0.0013	mg/L
05	Compliance	E008	02/27/2025	Arsenic, total	0.00025	mg/L
05	Compliance	E008	02/27/2025	Barium, total	0.0210	mg/L
05	Compliance	E008	02/27/2025	Beryllium, total	0.00053	mg/L
05	Compliance	E008	02/27/2025	Boron, total	4.10	mg/L
05	Compliance	E008	02/27/2025	Cadmium, total	0.00017	mg/L
05	Compliance	E008	02/27/2025	Calcium, total	98.0	mg/L
05	Compliance	E008	02/27/2025	Chloride, total	6.60	mg/L
05	Compliance	E008	02/27/2025	Chromium, total	0.0011	mg/L
05	Compliance	E008	02/27/2025	Cobalt, total	0.00220	mg/L
05	Compliance	E008	02/27/2025	Dissolved Oxygen	0.0400	mg/L
05	Compliance	E008	02/27/2025	Fluoride, total	0.590	mg/L
05	Compliance	E008	02/27/2025	Lead, total	0.00019	mg/L
05	Compliance	E008	02/27/2025	Lithium, total	0.0910	mg/L
05	Compliance	E008	02/27/2025	Mercury, total	0.000076	mg/L
05	Compliance	E008	02/27/2025	Molybdenum, total	0.0180	mg/L
05	Compliance	E008	02/27/2025	Oxidation Reduction Potential	8.40	mV
05	Compliance	E008	02/27/2025	pH (field)	7.6	SU
05	Compliance	E008	02/27/2025	Radium 226 + Radium 228, total	0.682	pCi/L
05	Compliance	E008	02/27/2025	Selenium, total	0.0021	mg/L
05	Compliance	E008	02/27/2025	Specific Conductance @ 25C (field)	962	micromhos/cm
05	Compliance	E008	02/27/2025	Sulfate, total	200	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2025
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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
05	Compliance	E008	02/27/2025	Temperature	8.40	degrees C
05	Compliance	E008	02/27/2025	Thallium, total	0.00057	mg/L
05	Compliance	E008	02/27/2025	Total Dissolved Solids	600	mg/L
05	Compliance	E008	02/27/2025	Turbidity, field	9.93	NTU
07R	Compliance	E008	02/26/2025	Antimony, total	0.0013	mg/L
07R	Compliance	E008	02/26/2025	Arsenic, total	0.330	mg/L
07R	Compliance	E008	02/26/2025	Barium, total	0.120	mg/L
07R	Compliance	E008	02/26/2025	Beryllium, total	0.00053	mg/L
07R	Compliance	E008	02/26/2025	Boron, total	51.0	mg/L
07R	Compliance	E008	02/26/2025	Cadmium, total	0.000500	mg/L
07R	Compliance	E008	02/26/2025	Calcium, total	730	mg/L
07R	Compliance	E008	02/26/2025	Chloride, total	4.60	mg/L
07R	Compliance	E008	02/26/2025	Chromium, total	0.0120	mg/L
07R	Compliance	E008	02/26/2025	Cobalt, total	0.00700	mg/L
07R	Compliance	E008	02/26/2025	Dissolved Oxygen	3.52	mg/L
07R	Compliance	E008	02/26/2025	Fluoride, total	0.085	mg/L
07R	Compliance	E008	02/26/2025	Lead, total	0.00037	mg/L
07R	Compliance	E008	02/26/2025	Lithium, total	0.650	mg/L
07R	Compliance	E008	02/26/2025	Mercury, total	0.000076	mg/L
07R	Compliance	E008	02/26/2025	Molybdenum, total	0.810	mg/L
07R	Compliance	E008	02/26/2025	Oxidation Reduction Potential	34.7	mV
07R	Compliance	E008	02/26/2025	pH (field)	6.9	SU
07R	Compliance	E008	02/26/2025	Radium 226 + Radium 228, total	1.94	pCi/L
07R	Compliance	E008	02/26/2025	Selenium, total	0.0370	mg/L
07R	Compliance	E008	02/26/2025	Specific Conductance @ 25C (field)	3,154	micromhos/cm
07R	Compliance	E008	02/26/2025	Sulfate, total	1,800	mg/L
07R	Compliance	E008	02/26/2025	Temperature	11.3	degrees C
07R	Compliance	E008	02/26/2025	Thallium, total	0.0015	mg/L
07R	Compliance	E008	02/26/2025	Total Dissolved Solids	2,900	mg/L
07R	Compliance	E008	02/26/2025	Turbidity, field	344	NTU
08R	Compliance	E008	02/27/2025	Antimony, total	0.0013	mg/L
08R	Compliance	E008	02/27/2025	Arsenic, total	0.00023	mg/L
08R	Compliance	E008	02/27/2025	Barium, total	0.0630	mg/L
08R	Compliance	E008	02/27/2025	Beryllium, total	0.00053	mg/L
08R	Compliance	E008	02/27/2025	Boron, total	0.150	mg/L
08R	Compliance	E008	02/27/2025	Cadmium, total	0.00017	mg/L
08R	Compliance	E008	02/27/2025	Calcium, total	100	mg/L
08R	Compliance	E008	02/27/2025	Chloride, total	5.90	mg/L
08R	Compliance	E008	02/27/2025	Chromium, total	0.0011	mg/L
08R	Compliance	E008	02/27/2025	Cobalt, total	0.0004	mg/L
08R	Compliance	E008	02/27/2025	Dissolved Oxygen	1.10	mg/L
08R	Compliance	E008	02/27/2025	Fluoride, total	0.056	mg/L
08R	Compliance	E008	02/27/2025	Lead, total	0.00019	mg/L
08R	Compliance	E008	02/27/2025	Lithium, total	0.360	mg/L
08R	Compliance	E008	02/27/2025	Mercury, total	0.000076	mg/L
08R	Compliance	E008	02/27/2025	Molybdenum, total	0.0025	mg/L

TABLE 1.
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OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
08R	Compliance	E008	02/27/2025	Oxidation Reduction Potential	-46.7	mV
08R	Compliance	E008	02/27/2025	pH (field)	8.2	SU
08R	Compliance	E008	02/27/2025	Radium 226 + Radium 228, total	0.995	pCi/L
08R	Compliance	E008	02/27/2025	Selenium, total	0.00280	mg/L
08R	Compliance	E008	02/27/2025	Specific Conductance @ 25C (field)	1,668	micromhos/cm
08R	Compliance	E008	02/27/2025	Sulfate, total	760	mg/L
08R	Compliance	E008	02/27/2025	Temperature	8.60	degrees C
08R	Compliance	E008	02/27/2025	Thallium, total	0.00057	mg/L
08R	Compliance	E008	02/27/2025	Total Dissolved Solids	1,400	mg/L
08R	Compliance	E008	02/27/2025	Turbidity, field	5.33	NTU
17	Compliance	E008	02/27/2025	Antimony, total	0.0013	mg/L
17	Compliance	E008	02/27/2025	Arsenic, total	0.00330	mg/L
17	Compliance	E008	02/27/2025	Barium, total	0.0260	mg/L
17	Compliance	E008	02/27/2025	Beryllium, total	0.00053	mg/L
17	Compliance	E008	02/27/2025	Boron, total	5.10	mg/L
17	Compliance	E008	02/27/2025	Cadmium, total	0.00017	mg/L
17	Compliance	E008	02/27/2025	Calcium, total	320	mg/L
17	Compliance	E008	02/27/2025	Chloride, total	22.0	mg/L
17	Compliance	E008	02/27/2025	Chromium, total	0.0011	mg/L
17	Compliance	E008	02/27/2025	Cobalt, total	0.00180	mg/L
17	Compliance	E008	02/27/2025	Dissolved Oxygen	3.60	mg/L
17	Compliance	E008	02/27/2025	Fluoride, total	0.210	mg/L
17	Compliance	E008	02/27/2025	Lead, total	0.00047	mg/L
17	Compliance	E008	02/27/2025	Lithium, total	0.0220	mg/L
17	Compliance	E008	02/27/2025	Mercury, total	0.000076	mg/L
17	Compliance	E008	02/27/2025	Molybdenum, total	0.004	mg/L
17	Compliance	E008	02/27/2025	Oxidation Reduction Potential	-29.0	mV
17	Compliance	E008	02/27/2025	pH (field)	7.0	SU
17	Compliance	E008	02/27/2025	Radium 226 + Radium 228, total	--	pCi/L
17	Compliance	E008	02/27/2025	Selenium, total	0.0014	mg/L
17	Compliance	E008	02/27/2025	Specific Conductance @ 25C (field)	2,164	micromhos/cm
17	Compliance	E008	02/27/2025	Sulfate, total	960	mg/L
17	Compliance	E008	02/27/2025	Temperature	9.90	degrees C
17	Compliance	E008	02/27/2025	Thallium, total	0.00093	mg/L
17	Compliance	E008	02/27/2025	Total Dissolved Solids	1,800	mg/L
17	Compliance	E008	02/27/2025	Turbidity, field	25.3	NTU
20	Compliance	E008	02/26/2025	Antimony, total	0.0013	mg/L
20	Compliance	E008	02/26/2025	Arsenic, total	0.00087	mg/L
20	Compliance	E008	02/26/2025	Barium, total	0.0230	mg/L
20	Compliance	E008	02/26/2025	Beryllium, total	0.00053	mg/L
20	Compliance	E008	02/26/2025	Boron, total	2.30	mg/L
20	Compliance	E008	02/26/2025	Cadmium, total	0.00017	mg/L
20	Compliance	E008	02/26/2025	Calcium, total	110	mg/L
20	Compliance	E008	02/26/2025	Chloride, total	4.20	mg/L
20	Compliance	E008	02/26/2025	Chromium, total	0.0011	mg/L
20	Compliance	E008	02/26/2025	Cobalt, total	0.00120	mg/L

TABLE 1.
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OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
20	Compliance	E008	02/26/2025	Dissolved Oxygen	0.0400	mg/L
20	Compliance	E008	02/26/2025	Fluoride, total	0.077	mg/L
20	Compliance	E008	02/26/2025	Lead, total	0.00019	mg/L
20	Compliance	E008	02/26/2025	Lithium, total	0.0250	mg/L
20	Compliance	E008	02/26/2025	Mercury, total	0.000076	mg/L
20	Compliance	E008	02/26/2025	Molybdenum, total	0.0025	mg/L
20	Compliance	E008	02/26/2025	Oxidation Reduction Potential	-36.8	mV
20	Compliance	E008	02/26/2025	pH (field)	7.3	SU
20	Compliance	E008	02/26/2025	Radium 226 + Radium 228, total	0.162	pCi/L
20	Compliance	E008	02/26/2025	Selenium, total	0.00098	mg/L
20	Compliance	E008	02/26/2025	Specific Conductance @ 25C (field)	833	micromhos/cm
20	Compliance	E008	02/26/2025	Sulfate, total	95.0	mg/L
20	Compliance	E008	02/26/2025	Temperature	8.50	degrees C
20	Compliance	E008	02/26/2025	Thallium, total	0.00057	mg/L
20	Compliance	E008	02/26/2025	Total Dissolved Solids	460	mg/L
20	Compliance	E008	02/26/2025	Turbidity, field	4.62	NTU
34	Compliance	E008	02/26/2025	Antimony, total	0.0013	mg/L
34	Compliance	E008	02/26/2025	Arsenic, total	0.0260	mg/L
34	Compliance	E008	02/26/2025	Barium, total	0.160	mg/L
34	Compliance	E008	02/26/2025	Beryllium, total	0.00053	mg/L
34	Compliance	E008	02/26/2025	Boron, total	0.530	mg/L
34	Compliance	E008	02/26/2025	Cadmium, total	0.00017	mg/L
34	Compliance	E008	02/26/2025	Calcium, total	72.0	mg/L
34	Compliance	E008	02/26/2025	Chloride, total	33.0	mg/L
34	Compliance	E008	02/26/2025	Chromium, total	0.0011	mg/L
34	Compliance	E008	02/26/2025	Cobalt, total	0.0004	mg/L
34	Compliance	E008	02/26/2025	Dissolved Oxygen	0.370	mg/L
34	Compliance	E008	02/26/2025	Fluoride, total	0.640	mg/L
34	Compliance	E008	02/26/2025	Lead, total	0.000770	mg/L
34	Compliance	E008	02/26/2025	Lithium, total	0.003	mg/L
34	Compliance	E008	02/26/2025	Mercury, total	0.000076	mg/L
34	Compliance	E008	02/26/2025	Molybdenum, total	0.0025	mg/L
34	Compliance	E008	02/26/2025	Oxidation Reduction Potential	-74.4	mV
34	Compliance	E008	02/26/2025	pH (field)	7.4	SU
34	Compliance	E008	02/26/2025	Radium 226 + Radium 228, total	0.726	pCi/L
34	Compliance	E008	02/26/2025	Selenium, total	0.00098	mg/L
34	Compliance	E008	02/26/2025	Specific Conductance @ 25C (field)	1,034	micromhos/cm
34	Compliance	E008	02/26/2025	Sulfate, total	0.47	mg/L
34	Compliance	E008	02/26/2025	Temperature	9.10	degrees C
34	Compliance	E008	02/26/2025	Thallium, total	0.00057	mg/L
34	Compliance	E008	02/26/2025	Total Dissolved Solids	480	mg/L
34	Compliance	E008	02/26/2025	Turbidity, field	44.4	NTU
36	Compliance	E008	02/26/2025	Antimony, total	0.0013	mg/L
36	Compliance	E008	02/26/2025	Arsenic, total	0.00260	mg/L
36	Compliance	E008	02/26/2025	Barium, total	0.0590	mg/L
36	Compliance	E008	02/26/2025	Beryllium, total	0.00053	mg/L

TABLE 1.
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OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
36	Compliance	E008	02/26/2025	Boron, total	16.0	mg/L
36	Compliance	E008	02/26/2025	Cadmium, total	0.00017	mg/L
36	Compliance	E008	02/26/2025	Calcium, total	430	mg/L
36	Compliance	E008	02/26/2025	Chloride, total	12.0	mg/L
36	Compliance	E008	02/26/2025	Chromium, total	0.0011	mg/L
36	Compliance	E008	02/26/2025	Cobalt, total	0.0004	mg/L
36	Compliance	E008	02/26/2025	Dissolved Oxygen	0.0900	mg/L
36	Compliance	E008	02/26/2025	Fluoride, total	0.210	mg/L
36	Compliance	E008	02/26/2025	Lead, total	0.00019	mg/L
36	Compliance	E008	02/26/2025	Lithium, total	0.270	mg/L
36	Compliance	E008	02/26/2025	Mercury, total	0.000076	mg/L
36	Compliance	E008	02/26/2025	Molybdenum, total	0.190	mg/L
36	Compliance	E008	02/26/2025	Oxidation Reduction Potential	-119	mV
36	Compliance	E008	02/26/2025	pH (field)	7.4	SU
36	Compliance	E008	02/26/2025	Radium 226 + Radium 228, total	1.17	pCi/L
36	Compliance	E008	02/26/2025	Selenium, total	0.00098	mg/L
36	Compliance	E008	02/26/2025	Specific Conductance @ 25C (field)	2,245	micromhos/cm
36	Compliance	E008	02/26/2025	Sulfate, total	1,100	mg/L
36	Compliance	E008	02/26/2025	Temperature	12.1	degrees C
36	Compliance	E008	02/26/2025	Thallium, total	0.00057	mg/L
36	Compliance	E008	02/26/2025	Total Dissolved Solids	1,900	mg/L
36	Compliance	E008	02/26/2025	Turbidity, field	7.72	NTU
37	Compliance	E008	02/26/2025	Antimony, total	0.0013	mg/L
37	Compliance	E008	02/26/2025	Arsenic, total	0.0440	mg/L
37	Compliance	E008	02/26/2025	Barium, total	0.340	mg/L
37	Compliance	E008	02/26/2025	Beryllium, total	0.00053	mg/L
37	Compliance	E008	02/26/2025	Boron, total	1.90	mg/L
37	Compliance	E008	02/26/2025	Cadmium, total	0.00017	mg/L
37	Compliance	E008	02/26/2025	Calcium, total	120	mg/L
37	Compliance	E008	02/26/2025	Chloride, total	42.0	mg/L
37	Compliance	E008	02/26/2025	Chromium, total	0.0011	mg/L
37	Compliance	E008	02/26/2025	Cobalt, total	0.0004	mg/L
37	Compliance	E008	02/26/2025	Dissolved Oxygen	0.0200	mg/L
37	Compliance	E008	02/26/2025	Fluoride, total	0.560	mg/L
37	Compliance	E008	02/26/2025	Lead, total	0.000560	mg/L
37	Compliance	E008	02/26/2025	Lithium, total	0.0041	mg/L
37	Compliance	E008	02/26/2025	Mercury, total	0.000076	mg/L
37	Compliance	E008	02/26/2025	Molybdenum, total	0.0025	mg/L
37	Compliance	E008	02/26/2025	Oxidation Reduction Potential	-162	mV
37	Compliance	E008	02/26/2025	pH (field)	6.7	SU
37	Compliance	E008	02/26/2025	Radium 226 + Radium 228, total	1	pCi/L
37	Compliance	E008	02/26/2025	Selenium, total	0.00098	mg/L
37	Compliance	E008	02/26/2025	Specific Conductance @ 25C (field)	1,407	micromhos/cm
37	Compliance	E008	02/26/2025	Sulfate, total	290	mg/L
37	Compliance	E008	02/26/2025	Temperature	12.0	degrees C
37	Compliance	E008	02/26/2025	Thallium, total	0.00057	mg/L

TABLE 1.
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OAKWOOD, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
37	Compliance	E008	02/26/2025	Total Dissolved Solids	850	mg/L
37	Compliance	E008	02/26/2025	Turbidity, field	41.7	NTU
38	Compliance	E008	02/26/2025	Antimony, total	0.0013	mg/L
38	Compliance	E008	02/26/2025	Arsenic, total	0.0280	mg/L
38	Compliance	E008	02/26/2025	Barium, total	0.190	mg/L
38	Compliance	E008	02/26/2025	Beryllium, total	0.00053	mg/L
38	Compliance	E008	02/26/2025	Boron, total	0.490	mg/L
38	Compliance	E008	02/26/2025	Cadmium, total	0.00017	mg/L
38	Compliance	E008	02/26/2025	Calcium, total	76.0	mg/L
38	Compliance	E008	02/26/2025	Chloride, total	16.0	mg/L
38	Compliance	E008	02/26/2025	Chromium, total	0.0011	mg/L
38	Compliance	E008	02/26/2025	Cobalt, total	0.0004	mg/L
38	Compliance	E008	02/26/2025	Dissolved Oxygen	0.0800	mg/L
38	Compliance	E008	02/26/2025	Fluoride, total	0.350	mg/L
38	Compliance	E008	02/26/2025	Lead, total	0.00019	mg/L
38	Compliance	E008	02/26/2025	Lithium, total	0.0026	mg/L
38	Compliance	E008	02/26/2025	Mercury, total	0.000076	mg/L
38	Compliance	E008	02/26/2025	Molybdenum, total	0.0025	mg/L
38	Compliance	E008	02/26/2025	Oxidation Reduction Potential	124	mV
38	Compliance	E008	02/26/2025	pH (field)	7.3	SU
38	Compliance	E008	02/26/2025	Radium 226 + Radium 228, total	0.85	pCi/L
38	Compliance	E008	02/26/2025	Selenium, total	0.00098	mg/L
38	Compliance	E008	02/26/2025	Specific Conductance @ 25C (field)	1,076	micromhos/cm
38	Compliance	E008	02/26/2025	Sulfate, total	0.47	mg/L
38	Compliance	E008	02/26/2025	Temperature	9.20	degrees C
38	Compliance	E008	02/26/2025	Thallium, total	0.00057	mg/L
38	Compliance	E008	02/26/2025	Total Dissolved Solids	480	mg/L
38	Compliance	E008	02/26/2025	Turbidity, field	140	NTU
41	Compliance	E008	02/27/2025	Antimony, total	0.0013	mg/L
41	Compliance	E008	02/27/2025	Arsenic, total	0.0160	mg/L
41	Compliance	E008	02/27/2025	Barium, total	0.280	mg/L
41	Compliance	E008	02/27/2025	Beryllium, total	0.00053	mg/L
41	Compliance	E008	02/27/2025	Boron, total	2.80	mg/L
41	Compliance	E008	02/27/2025	Cadmium, total	0.00017	mg/L
41	Compliance	E008	02/27/2025	Calcium, total	88.0	mg/L
41	Compliance	E008	02/27/2025	Chloride, total	50.0	mg/L
41	Compliance	E008	02/27/2025	Chromium, total	0.0011	mg/L
41	Compliance	E008	02/27/2025	Cobalt, total	0.0004	mg/L
41	Compliance	E008	02/27/2025	Dissolved Oxygen	0.0300	mg/L
41	Compliance	E008	02/27/2025	Fluoride, total	0.400	mg/L
41	Compliance	E008	02/27/2025	Lead, total	0.00019	mg/L
41	Compliance	E008	02/27/2025	Lithium, total	0.003	mg/L
41	Compliance	E008	02/27/2025	Mercury, total	0.000076	mg/L
41	Compliance	E008	02/27/2025	Molybdenum, total	0.0025	mg/L
41	Compliance	E008	02/27/2025	Oxidation Reduction Potential	-118	mV
41	Compliance	E008	02/27/2025	pH (field)	7.4	SU

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
41	Compliance	E008	02/27/2025	Radium 226 + Radium 228, total	0.839	pCi/L
41	Compliance	E008	02/27/2025	Selenium, total	0.0011	mg/L
41	Compliance	E008	02/27/2025	Specific Conductance @ 25C (field)	1,273	micromhos/cm
41	Compliance	E008	02/27/2025	Sulfate, total	0.47	mg/L
41	Compliance	E008	02/27/2025	Temperature	9.80	degrees C
41	Compliance	E008	02/27/2025	Thallium, total	0.00057	mg/L
41	Compliance	E008	02/27/2025	Total Dissolved Solids	630	mg/L
41	Compliance	E008	02/27/2025	Turbidity, field	24.3	NTU
72	Compliance	E008	--	Antimony, total	NS[7]	mg/L
72	Compliance	E008	--	Arsenic, total	NS[7]	mg/L
72	Compliance	E008	--	Barium, total	NS[7]	mg/L
72	Compliance	E008	--	Beryllium, total	NS[7]	mg/L
72	Compliance	E008	--	Boron, total	NS[7]	mg/L
72	Compliance	E008	--	Cadmium, total	NS[7]	mg/L
72	Compliance	E008	--	Calcium, total	NS[7]	mg/L
72	Compliance	E008	--	Chloride, total	NS[7]	mg/L
72	Compliance	E008	--	Chromium, total	NS[7]	mg/L
72	Compliance	E008	--	Cobalt, total	NS[7]	mg/L
72	Compliance	E008	--	Dissolved Oxygen	NS[7]	mg/L
72	Compliance	E008	--	Fluoride, total	NS[7]	mg/L
72	Compliance	E008	--	Lead, total	NS[7]	mg/L
72	Compliance	E008	--	Lithium, total	NS[7]	mg/L
72	Compliance	E008	--	Mercury, total	NS[7]	mg/L
72	Compliance	E008	--	Molybdenum, total	NS[7]	mg/L
72	Compliance	E008	--	Oxidation Reduction Potential	NS[7]	mV
72	Compliance	E008	--	pH (field)	NS[7]	SU
72	Compliance	E008	--	Radium 226 + Radium 228, total	NS[7]	pCi/L
72	Compliance	E008	--	Selenium, total	NS[7]	mg/L
72	Compliance	E008	--	Specific Conductance @ 25C (field)	NS[7]	micromhos/cm
72	Compliance	E008	--	Sulfate, total	NS[7]	mg/L
72	Compliance	E008	--	Temperature	NS[7]	degrees C
72	Compliance	E008	--	Thallium, total	NS[7]	mg/L
72	Compliance	E008	--	Total Dissolved Solids	NS[7]	mg/L
72	Compliance	E008	--	Turbidity, field	NS[7]	NTU

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

Notes:
– = no data available
C = Celsius
cm = centimeter
Events:
E008 = Quarter 1, 2025 sampling event
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
Result Code (if applicable):
NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
Result qualifiers as defined in the United States Environmental Protection Agency's *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:
SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Antimony, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.003	0.006	Standard	No Exceedance
02	LGU	E008	Arsenic, total	mg/L	03/31/21 - 02/26/25	15	7	CI around mean	0.00601	0.0600	Background	No Exceedance
02	LGU	E008	Barium, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	0.197	2.0	Standard	No Exceedance
02	LGU	E008	Beryllium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
02	LGU	E008	Boron, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	0.313	2.45	Background	No Exceedance
02	LGU	E008	Cadmium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
02	LGU	E008	Chloride, total	mg/L	03/31/21 - 02/26/25	15	0	CI around median	35	200	Standard	No Exceedance
02	LGU	E008	Chromium, total	mg/L	03/31/21 - 02/26/25	15	93	CB around T-S line	0.0015	0.1	Standard	No Exceedance
02	LGU	E008	Cobalt, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.001	0.006	Standard	No Exceedance
02	LGU	E008	Fluoride, total	mg/L	03/31/21 - 02/26/25	15	7	CB around linear reg	0.531	4.0	Standard	No Exceedance
02	LGU	E008	Lead, total	mg/L	03/31/21 - 02/26/25	15	93	CI around median	0.0005	0.0075	Standard	No Exceedance
02	LGU	E008	Lithium, total	mg/L	03/31/21 - 02/26/25	15	60	CI around median	0.0034	0.04	Standard	No Exceedance
02	LGU	E008	Mercury, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
02	LGU	E008	Molybdenum, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.005	0.1	Standard	No Exceedance
02	LGU	E008	pH (field)	SU	03/31/21 - 02/26/25	15	0	CB around linear reg	7.6/8.1	6.5/9.0	Standard/Standard	No Exceedance
02	LGU	E008	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 02/26/25	14	0	CI around mean	0.539	5	Standard	No Exceedance
02	LGU	E008	Selenium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
02	LGU	E008	Sulfate, total	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	-24.1	400	Standard	No Exceedance
02	LGU	E008	Thallium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
02	LGU	E008	Total Dissolved Solids	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	562	1,200	Standard	No Exceedance
03R	LGU	E008	Antimony, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
03R	LGU	E008	Arsenic, total	mg/L	03/30/21 - 02/27/25	16	0	CI around geomean	0.00536	0.0600	Background	No Exceedance
03R	LGU	E008	Barium, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	0.294	2.0	Standard	No Exceedance
03R	LGU	E008	Beryllium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
03R	LGU	E008	Boron, total	mg/L	03/30/21 - 02/27/25	16	0	CB around linear reg	28.3	2.45	Background	Exceedance
03R	LGU	E008	Cadmium, total	mg/L	03/30/21 - 02/27/25	16	81	CB around T-S line	0.000267	0.005	Standard	No Exceedance
03R	LGU	E008	Chloride, total	mg/L	03/30/21 - 02/27/25	16	2	CB around linear reg	19.6	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Chromium, total	mg/L	03/30/21 - 02/27/25	16	81	CB around T-S line	0.0015	0.1	Standard	No Exceedance
03R	LGU	E008	Cobalt, total	mg/L	03/30/21 - 02/27/25	16	88	CI around median	0.001	0.006	Standard	No Exceedance
03R	LGU	E008	Fluoride, total	mg/L	03/30/21 - 02/27/25	16	6	CI around mean	0.437	4.0	Standard	No Exceedance
03R	LGU	E008	Lead, total	mg/L	03/30/21 - 02/27/25	16	50	CI around median	0.001	0.0075	Standard	No Exceedance
03R	LGU	E008	Lithium, total	mg/L	03/30/21 - 02/27/25	16	75	CB around T-S line	0.003	0.04	Standard	No Exceedance
03R	LGU	E008	Mercury, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
03R	LGU	E008	Molybdenum, total	mg/L	03/30/21 - 02/27/25	16	0	CB around linear reg	0.354	0.1	Standard	Exceedance
03R	LGU	E008	pH (field)	SU	03/30/21 - 02/27/25	16	0	CI around mean	7.2/7.4	6.5/9.0	Standard/Standard	No Exceedance
03R	LGU	E008	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 02/27/25	14	0	CI around mean	1.13	5	Standard	No Exceedance
03R	LGU	E008	Selenium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
03R	LGU	E008	Sulfate, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	497	400	Standard	Exceedance
03R	LGU	E008	Thallium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
03R	LGU	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	1,120	1,200	Standard	No Exceedance
04	UA	E008	Antimony, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
04	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/26/25	16	6	CI around mean	0.00522	0.0600	Background	No Exceedance
04	UA	E008	Barium, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	0.223	2.0	Standard	No Exceedance
04	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
04	UA	E008	Boron, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	8.27	2.45	Background	Exceedance
04	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
04	UA	E008	Chloride, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	10	200	Standard	No Exceedance
04	UA	E008	Chromium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.005	0.1	Standard	No Exceedance
04	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/26/25	16	94	Most recent sample	0.001	0.006	Standard	No Exceedance
04	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/26/25	16	6	CI around median	0.3	4.0	Standard	No Exceedance
04	UA	E008	Lead, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
04	UA	E008	Lithium, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	0.0456	0.04	Standard	Exceedance
04	UA	E008	Mercury, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
04	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/26/25	16	0	CB around linear reg	0.0341	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	pH (field)	SU	03/30/21 - 02/26/25	16	0	CI around mean	7.4/7.6	6.5/9.0	Standard/Standard	No Exceedance
04	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 02/26/25	14	0	CI around mean	0.802	5	Standard	No Exceedance
04	UA	E008	Selenium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
04	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	33.5	400	Standard	No Exceedance
04	UA	E008	Thallium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
04	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	370	1,200	Standard	No Exceedance
05	UA	E008	Antimony, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
05	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.001	0.0600	Background	No Exceedance
05	UA	E008	Barium, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	0.0225	2.0	Standard	No Exceedance
05	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
05	UA	E008	Boron, total	mg/L	03/30/21 - 02/27/25	16	0	CI around median	17	2.45	Background	Exceedance
05	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
05	UA	E008	Chloride, total	mg/L	03/30/21 - 02/27/25	16	2	CB around linear reg	4.94	200	Standard	No Exceedance
05	UA	E008	Chromium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.005	0.1	Standard	No Exceedance
05	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/27/25	16	81	CI around median	0.001	0.006	Standard	No Exceedance
05	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/27/25	16	6	CB around linear reg	0.572	4.0	Standard	No Exceedance
05	UA	E008	Lead, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
05	UA	E008	Lithium, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	0.0872	0.04	Standard	Exceedance
05	UA	E008	Mercury, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
05	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/27/25	16	0	CB around T-S line	0.0217	0.1	Standard	No Exceedance
05	UA	E008	pH (field)	SU	03/30/21 - 02/27/25	16	0	CB around linear reg	7.5/7.8	6.5/9.0	Standard/Standard	No Exceedance
05	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 02/27/25	14	0	CI around mean	0.164	5	Standard	No Exceedance
05	UA	E008	Selenium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
05	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/27/25	16	0	CI around median	220	400	Standard	No Exceedance
05	UA	E008	Thallium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
05	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	542	1,200	Standard	No Exceedance
07R	UA	E008	Antimony, total	mg/L	05/12/21 - 02/26/25	11	82	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Arsenic, total	mg/L	05/12/21 - 02/26/25	11	9	CI around geomean	0.00145	0.0600	Background	No Exceedance
07R	UA	E008	Barium, total	mg/L	05/12/21 - 02/26/25	11	0	CI around median	0.0176	2.0	Standard	No Exceedance
07R	UA	E008	Beryllium, total	mg/L	05/12/21 - 02/26/25	11	82	CI around median	0.001	0.004	Standard	No Exceedance
07R	UA	E008	Boron, total	mg/L	05/12/21 - 02/26/25	11	0	CB around linear reg	40.3	2.45	Background	Exceedance
07R	UA	E008	Cadmium, total	mg/L	05/12/21 - 02/26/25	11	73	CI around median	0.0005	0.005	Standard	No Exceedance
07R	UA	E008	Chloride, total	mg/L	05/12/21 - 02/26/25	11	0	CI around mean	4.37	200	Standard	No Exceedance
07R	UA	E008	Chromium, total	mg/L	05/12/21 - 02/26/25	11	73	CI around median	0.0015	0.1	Standard	No Exceedance
07R	UA	E008	Cobalt, total	mg/L	05/12/21 - 02/26/25	11	73	CI around median	0.001	0.006	Standard	No Exceedance
07R	UA	E008	Fluoride, total	mg/L	05/12/21 - 02/26/25	11	27	CI around mean	0.1	4.0	Standard	No Exceedance
07R	UA	E008	Lead, total	mg/L	05/12/21 - 02/26/25	11	73	CI around median	0.0005	0.0075	Standard	No Exceedance
07R	UA	E008	Lithium, total	mg/L	05/12/21 - 02/26/25	11	0	CI around mean	0.551	0.04	Standard	Exceedance
07R	UA	E008	Mercury, total	mg/L	05/12/21 - 02/26/25	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
07R	UA	E008	Molybdenum, total	mg/L	05/12/21 - 02/26/25	11	0	CI around mean	0.365	0.1	Standard	Exceedance
07R	UA	E008	pH (field)	SU	05/12/21 - 02/26/25	11	0	CI around mean	7.2/7.6	6.5/9.0	Standard/Standard	No Exceedance
07R	UA	E008	Radium 226 + Radium 228, total	pCi/L	05/12/21 - 02/26/25	11	0	CI around geomean	0.326	5	Standard	No Exceedance
07R	UA	E008	Selenium, total	mg/L	05/12/21 - 02/26/25	11	27	CI around geomean	0.00198	0.05	Standard	No Exceedance
07R	UA	E008	Sulfate, total	mg/L	05/12/21 - 02/26/25	11	0	CI around mean	1,760	400	Standard	Exceedance
07R	UA	E008	Thallium, total	mg/L	05/12/21 - 02/26/25	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
07R	UA	E008	Total Dissolved Solids	mg/L	05/12/21 - 02/26/25	11	0	CI around mean	2,870	1,200	Standard	Exceedance
08R	UA	E008	Antimony, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.003	0.006	Standard	No Exceedance
08R	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/27/25	15	7	CB around linear reg	0.0133	0.0600	Background	No Exceedance
08R	UA	E008	Barium, total	mg/L	03/30/21 - 02/27/25	15	0	CI around mean	0.0561	2.0	Standard	No Exceedance
08R	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
08R	UA	E008	Boron, total	mg/L	03/30/21 - 02/27/25	15	0	CI around median	14.4	2.45	Background	Exceedance
08R	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
08R	UA	E008	Chloride, total	mg/L	03/30/21 - 02/27/25	15	0	CI around mean	5.17	200	Standard	No Exceedance
08R	UA	E008	Chromium, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.005	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Cobalt, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.001	0.006	Standard	No Exceedance
08R	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/27/25	15	80	CI around median	0.1	4.0	Standard	No Exceedance
08R	UA	E008	Lead, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
08R	UA	E008	Lithium, total	mg/L	03/30/21 - 02/27/25	15	0	CI around median	0.288	0.04	Standard	Exceedance
08R	UA	E008	Mercury, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
08R	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/27/25	15	7	CI around mean	0.17	0.1	Standard	Exceedance
08R	UA	E008	pH (field)	SU	03/30/21 - 02/27/25	15	0	CI around mean	7.2/7.9	6.5/9.0	Standard/Standard	No Exceedance
08R	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 02/27/25	13	0	CI around mean	0.49	5	Standard	No Exceedance
08R	UA	E008	Selenium, total	mg/L	03/30/21 - 02/27/25	15	93	CB around T-S line	0.001	0.05	Standard	No Exceedance
08R	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/27/25	15	0	CB around linear reg	594	400	Standard	Exceedance
08R	UA	E008	Thallium, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
08R	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/27/25	15	0	CI around median	1,110	1,200	Standard	No Exceedance
17	UA	E008	Antimony, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.003	0.006	Standard	No Exceedance
17	UA	E008	Arsenic, total	mg/L	03/31/21 - 02/27/25	10	20	CI around mean	0.00289	0.0600	Background	No Exceedance
17	UA	E008	Barium, total	mg/L	03/31/21 - 02/27/25	10	0	CI around mean	0.0251	2.0	Standard	No Exceedance
17	UA	E008	Beryllium, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.001	0.004	Standard	No Exceedance
17	UA	E008	Boron, total	mg/L	03/31/21 - 02/27/25	10	0	CI around mean	3.29	2.45	Background	Exceedance
17	UA	E008	Cadmium, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
17	UA	E008	Chloride, total	mg/L	03/31/21 - 02/27/25	10	0	CI around mean	16.2	200	Standard	No Exceedance
17	UA	E008	Chromium, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.005	0.1	Standard	No Exceedance
17	UA	E008	Cobalt, total	mg/L	03/31/21 - 02/27/25	10	20	CI around mean	0.00139	0.006	Standard	No Exceedance
17	UA	E008	Fluoride, total	mg/L	03/31/21 - 02/27/25	10	10	CB around linear reg	0.0929	4.0	Standard	No Exceedance
17	UA	E008	Lead, total	mg/L	03/31/21 - 02/27/25	10	70	CI around median	0.0005	0.0075	Standard	No Exceedance
17	UA	E008	Lithium, total	mg/L	03/31/21 - 02/27/25	10	0	CI around mean	0.0195	0.04	Standard	No Exceedance
17	UA	E008	Mercury, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
17	UA	E008	Molybdenum, total	mg/L	03/31/21 - 02/27/25	10	50	CI around mean	0.00172	0.1	Standard	No Exceedance
17	UA	E008	pH (field)	SU	03/31/21 - 02/27/25	10	0	CI around mean	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	--	5	Standard	--
17	UA	E008	Selenium, total	mg/L	03/31/21 - 02/27/25	10	90	CB around T-S line	0.001	0.05	Standard	No Exceedance
17	UA	E008	Sulfate, total	mg/L	03/31/21 - 02/27/25	10	0	CI around geomean	917	400	Standard	Exceedance
17	UA	E008	Thallium, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
17	UA	E008	Total Dissolved Solids	mg/L	03/31/21 - 02/27/25	10	0	CI around mean	1,640	1,200	Standard	Exceedance
20	UA	E008	Antimony, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
20	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/26/25	16	62	CI around median	0.001	0.0600	Background	No Exceedance
20	UA	E008	Barium, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	0.0186	2.0	Standard	No Exceedance
20	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
20	UA	E008	Boron, total	mg/L	03/30/21 - 02/26/25	16	0	CB around linear reg	1.85	2.45	Background	No Exceedance
20	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
20	UA	E008	Chloride, total	mg/L	03/30/21 - 02/26/25	16	14	CI around geomean	3.9	200	Standard	No Exceedance
20	UA	E008	Chromium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.005	0.1	Standard	No Exceedance
20	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/26/25	16	81	CI around median	0.001	0.006	Standard	No Exceedance
20	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.1	4.0	Standard	No Exceedance
20	UA	E008	Lead, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
20	UA	E008	Lithium, total	mg/L	03/30/21 - 02/26/25	16	0	CI around geomean	0.0211	0.04	Standard	No Exceedance
20	UA	E008	Mercury, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
20	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/26/25	16	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
20	UA	E008	pH (field)	SU	03/30/21 - 02/26/25	16	0	CB around T-S line	6.9/7.2	6.5/9.0	Standard/Standard	No Exceedance
20	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 02/26/25	14	0	CI around mean	0.368	5	Standard	No Exceedance
20	UA	E008	Selenium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
20	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/26/25	16	0	CI around geomean	77.8	400	Standard	No Exceedance
20	UA	E008	Thallium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
20	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	415	1,200	Standard	No Exceedance
34	LGU	E008	Antimony, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.003	0.006	Standard	No Exceedance
34	LGU	E008	Arsenic, total	mg/L	03/30/21 - 02/26/25	15	0	CI around mean	0.0247	0.0600	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Barium, total	mg/L	03/30/21 - 02/26/25	15	0	CI around mean	0.156	2.0	Standard	No Exceedance
34	LGU	E008	Beryllium, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
34	LGU	E008	Boron, total	mg/L	03/30/21 - 02/26/25	15	0	CI around mean	0.484	2.45	Background	No Exceedance
34	LGU	E008	Cadmium, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
34	LGU	E008	Chloride, total	mg/L	03/30/21 - 02/26/25	15	0	CI around mean	32.7	200	Standard	No Exceedance
34	LGU	E008	Chromium, total	mg/L	03/30/21 - 02/26/25	15	47	CI around mean	0.0021	0.1	Standard	No Exceedance
34	LGU	E008	Cobalt, total	mg/L	03/30/21 - 02/26/25	15	53	CI around median	0.001	0.006	Standard	No Exceedance
34	LGU	E008	Fluoride, total	mg/L	03/30/21 - 02/26/25	15	7	CI around median	0.62	4.0	Standard	No Exceedance
34	LGU	E008	Lead, total	mg/L	03/30/21 - 02/26/25	15	13	CI around mean	0.00129	0.0075	Standard	No Exceedance
34	LGU	E008	Lithium, total	mg/L	03/30/21 - 02/26/25	15	47	CI around mean	0.00338	0.04	Standard	No Exceedance
34	LGU	E008	Mercury, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
34	LGU	E008	Molybdenum, total	mg/L	03/30/21 - 02/26/25	15	93	CB around T-S line	0.0015	0.1	Standard	No Exceedance
34	LGU	E008	pH (field)	SU	03/30/21 - 02/26/25	15	0	CI around mean	7.0/7.2	6.5/9.0	Standard/Standard	No Exceedance
34	LGU	E008	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 02/26/25	13	0	CI around mean	0.519	5	Standard	No Exceedance
34	LGU	E008	Selenium, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
34	LGU	E008	Sulfate, total	mg/L	03/30/21 - 02/26/25	15	89	CB around T-S line	-3.85	400	Standard	No Exceedance
34	LGU	E008	Thallium, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
34	LGU	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/26/25	15	0	CI around mean	481	1,200	Standard	No Exceedance
36	UA	E008	Antimony, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.003	0.006	Standard	No Exceedance
36	UA	E008	Arsenic, total	mg/L	03/31/21 - 02/26/25	15	13	CI around geomean	0.0023	0.0600	Background	No Exceedance
36	UA	E008	Barium, total	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	0.0267	2.0	Standard	No Exceedance
36	UA	E008	Beryllium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
36	UA	E008	Boron, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	12.4	2.45	Background	Exceedance
36	UA	E008	Cadmium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
36	UA	E008	Chloride, total	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	5.93	200	Standard	No Exceedance
36	UA	E008	Chromium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.005	0.1	Standard	No Exceedance
36	UA	E008	Cobalt, total	mg/L	03/31/21 - 02/26/25	15	93	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
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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	GWPS	GWPS Source	Compliance Result
36	UA	E008	Fluoride, total	mg/L	03/31/21 - 02/26/25	15	7	CI around median	0.24	4.0	Standard	No Exceedance
36	UA	E008	Lead, total	mg/L	03/31/21 - 02/26/25	15	93	CI around median	0.0005	0.0075	Standard	No Exceedance
36	UA	E008	Lithium, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	0.155	0.04	Standard	Exceedance
36	UA	E008	Mercury, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
36	UA	E008	Molybdenum, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	0.121	0.1	Standard	Exceedance
36	UA	E008	pH (field)	SU	03/31/21 - 02/26/25	15	0	CI around mean	7.1/7.3	6.5/9.0	Standard/Standard	No Exceedance
36	UA	E008	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 02/26/25	14	0	CI around mean	1.02	5	Standard	No Exceedance
36	UA	E008	Selenium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
36	UA	E008	Sulfate, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	977	400	Standard	Exceedance
36	UA	E008	Thallium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
36	UA	E008	Total Dissolved Solids	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	1,690	1,200	Standard	Exceedance
37	LGU	E008	Antimony, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.003	0.006	Standard	No Exceedance
37	LGU	E008	Arsenic, total	mg/L	03/31/21 - 02/26/25	15	0	CB around T-S line	0.0371	0.0600	Background	No Exceedance
37	LGU	E008	Barium, total	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	0.322	2.0	Standard	No Exceedance
37	LGU	E008	Beryllium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
37	LGU	E008	Boron, total	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	1.88	2.45	Background	No Exceedance
37	LGU	E008	Cadmium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
37	LGU	E008	Chloride, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	41.2	200	Standard	No Exceedance
37	LGU	E008	Chromium, total	mg/L	03/31/21 - 02/26/25	15	93	CB around T-S line	0.0015	0.1	Standard	No Exceedance
37	LGU	E008	Cobalt, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.001	0.006	Standard	No Exceedance
37	LGU	E008	Fluoride, total	mg/L	03/31/21 - 02/26/25	15	7	CI around mean	0.563	4.0	Standard	No Exceedance
37	LGU	E008	Lead, total	mg/L	03/31/21 - 02/26/25	15	73	CI around median	0.0005	0.0075	Standard	No Exceedance
37	LGU	E008	Lithium, total	mg/L	03/31/21 - 02/26/25	15	93	CI around median	0.003	0.04	Standard	No Exceedance
37	LGU	E008	Mercury, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
37	LGU	E008	Molybdenum, total	mg/L	03/31/21 - 02/26/25	15	93	CB around T-S line	0.0015	0.1	Standard	No Exceedance
37	LGU	E008	pH (field)	SU	03/31/21 - 02/26/25	15	0	CI around mean	6.9/7.1	6.5/9.0	Standard/Standard	No Exceedance
37	LGU	E008	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 02/26/25	14	0	CI around mean	0.982	5	Standard	No Exceedance

TABLE 2.
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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	GWPS	GWPS Source	Compliance Result
37	LGU	E008	Selenium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
37	LGU	E008	Sulfate, total	mg/L	03/31/21 - 02/26/25	15	0	CB around T-S line	252	400	Standard	No Exceedance
37	LGU	E008	Thallium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
37	LGU	E008	Total Dissolved Solids	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	844	1,200	Standard	No Exceedance
38	UA	E008	Antimony, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
38	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/26/25	16	0	CB around linear reg	0.0305	0.0600	Background	No Exceedance
38	UA	E008	Barium, total	mg/L	03/30/21 - 02/26/25	16	0	CB around T-S line	0.115	2.0	Standard	No Exceedance
38	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
38	UA	E008	Boron, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	0.429	2.45	Background	No Exceedance
38	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
38	UA	E008	Chloride, total	mg/L	03/30/21 - 02/26/25	16	0	CB around linear reg	13.2	200	Standard	No Exceedance
38	UA	E008	Chromium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.005	0.1	Standard	No Exceedance
38	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.001	0.006	Standard	No Exceedance
38	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/26/25	16	6	CI around median	0.35	4.0	Standard	No Exceedance
38	UA	E008	Lead, total	mg/L	03/30/21 - 02/26/25	16	94	CI around median	0.0005	0.0075	Standard	No Exceedance
38	UA	E008	Lithium, total	mg/L	03/30/21 - 02/26/25	16	62	CI around median	0.0033	0.04	Standard	No Exceedance
38	UA	E008	Mercury, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
38	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/26/25	16	50	CI around mean	0.00251	0.1	Standard	No Exceedance
38	UA	E008	pH (field)	SU	03/30/21 - 02/26/25	16	0	CI around mean	7.0/7.1	6.5/9.0	Standard/Standard	No Exceedance
38	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 02/26/25	14	0	CI around mean	1.05	5	Standard	No Exceedance
38	UA	E008	Selenium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
38	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/26/25	16	94	CB around T-S line	-2.98	400	Standard	No Exceedance
38	UA	E008	Thallium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
38	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	506	1,200	Standard	No Exceedance
41	UA	E008	Antimony, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
41	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/27/25	16	0	CB around linear reg	0.0119	0.0600	Background	No Exceedance
41	UA	E008	Barium, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	0.232	2.0	Standard	No Exceedance

TABLE 2.
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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	GWPS	GWPS Source	Compliance Result
41	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
41	UA	E008	Boron, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	2.78	2.45	Background	Exceedance
41	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
41	UA	E008	Chloride, total	mg/L	03/30/21 - 02/27/25	16	0	CB around linear reg	44.8	200	Standard	No Exceedance
41	UA	E008	Chromium, total	mg/L	03/30/21 - 02/27/25	16	94	CI around median	0.0015	0.1	Standard	No Exceedance
41	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.001	0.006	Standard	No Exceedance
41	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/27/25	16	6	CI around median	0.41	4.0	Standard	No Exceedance
41	UA	E008	Lead, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
41	UA	E008	Lithium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.005	0.04	Standard	No Exceedance
41	UA	E008	Mercury, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
41	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.005	0.1	Standard	No Exceedance
41	UA	E008	pH (field)	SU	03/30/21 - 02/27/25	16	0	CB around linear reg	7.2/7.4	6.5/9.0	Standard/Standard	No Exceedance
41	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/20/21 - 02/27/25	14	0	CI around mean	1.11	5	Standard	No Exceedance
41	UA	E008	Selenium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
41	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/27/25	16	88	CB around T-S line	-3.4	400	Standard	No Exceedance
41	UA	E008	Thallium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
41	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	610	1,200	Standard	No Exceedance
40/72	NA	E008	Antimony, total	mg/L	--	--	--	--	NS[7]	0.006	Standard	--
40/72	NA	E008	Arsenic, total	mg/L	--	--	--	--	NS[7]	0.0600	Background	--
40/72	NA	E008	Barium, total	mg/L	--	--	--	--	NS[7]	2.0	Standard	--
40/72	NA	E008	Beryllium, total	mg/L	--	--	--	--	NS[7]	0.004	Standard	--
40/72	NA	E008	Boron, total	mg/L	--	--	--	--	NS[7]	2.45	Background	--
40/72	NA	E008	Cadmium, total	mg/L	--	--	--	--	NS[7]	0.005	Standard	--
40/72	NA	E008	Chloride, total	mg/L	--	--	--	--	NS[7]	200	Standard	--
40/72	NA	E008	Chromium, total	mg/L	--	--	--	--	NS[7]	0.1	Standard	--
40/72	NA	E008	Cobalt, total	mg/L	--	--	--	--	NS[7]	0.006	Standard	--
40/72	NA	E008	Fluoride, total	mg/L	--	--	--	--	NS[7]	4.0	Standard	--

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	NA	E008	Lead, total	mg/L	--	--	--	--	NS[7]	0.0075	Standard	--
40/72	NA	E008	Lithium, total	mg/L	--	--	--	--	NS[7]	0.04	Standard	--
40/72	NA	E008	Mercury, total	mg/L	--	--	--	--	NS[7]	0.002	Standard	--
40/72	NA	E008	Molybdenum, total	mg/L	--	--	--	--	NS[7]	0.1	Standard	--
40/72	NA	E008	pH (field)	SU	--	--	--	--	NS[7]	6.5/9.0	Standard/Standard	--
40/72	NA	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS[7]	5	Standard	--
40/72	NA	E008	Selenium, total	mg/L	--	--	--	--	NS[7]	0.05	Standard	--
40/72	NA	E008	Sulfate, total	mg/L	--	--	--	--	NS[7]	400	Standard	--
40/72	NA	E008	Thallium, total	mg/L	--	--	--	--	NS[7]	0.002	Standard	--
40/72	NA	E008	Total Dissolved Solids	mg/L	--	--	--	--	NS[7]	1,200	Standard	--

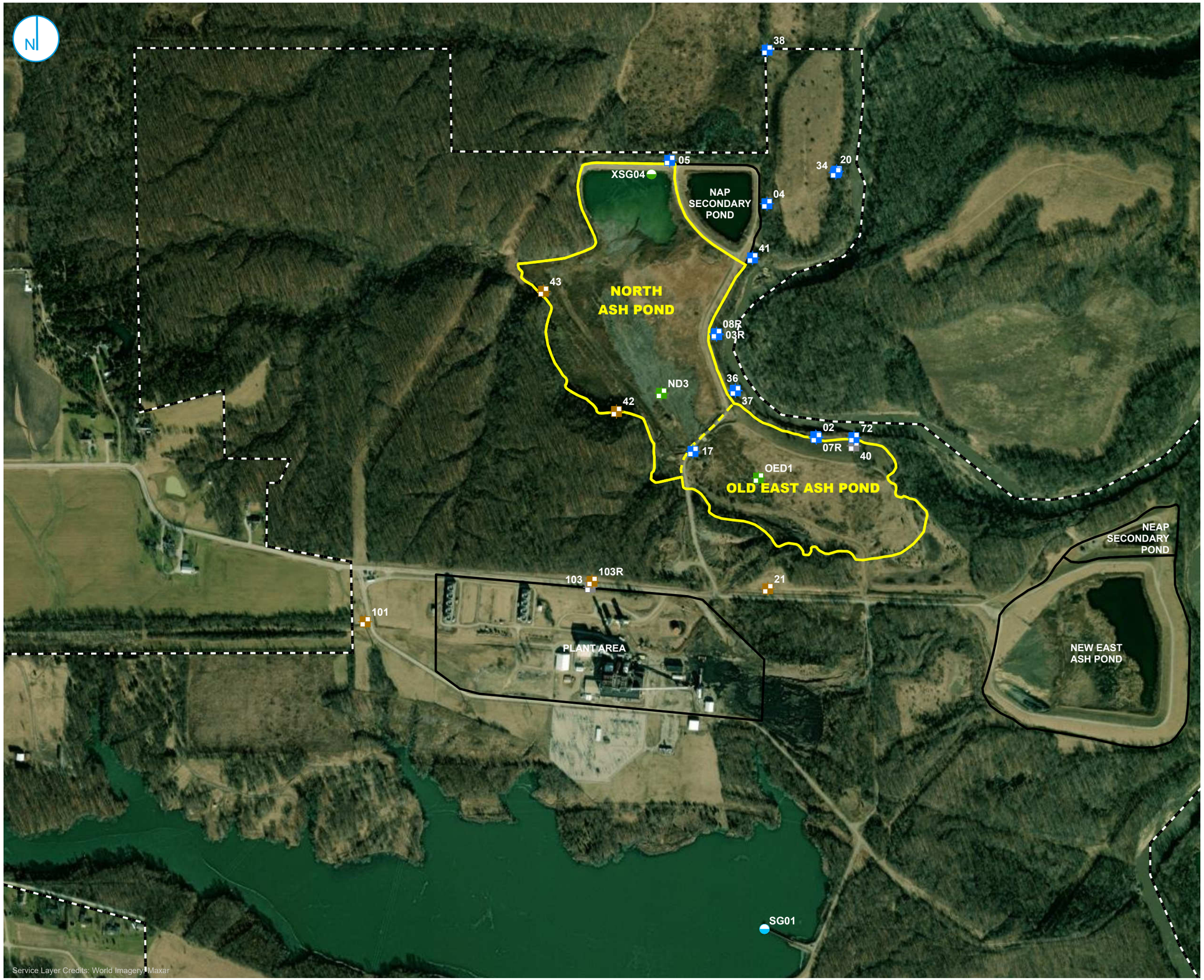
TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
VERMILION POWER PLANT
NORTH ASH POND AND OLD EAST ASH POND
OAKWOOD, IL

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:
NA
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 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):
NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
For pH, the values presented are the lower / upper limits
GWPS Source:
Background = background concentration
Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

FIGURES



COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
PORE WATER WELL
STAFF GAGE, CCR UNIT
STAFF GAGE, RIVER
CLOSED MONITORING WELL
REGULATED UNIT (SUBJECT UNIT)
SITE FEATURE
PROPERTY BOUNDARY

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

0 300 600 Feet

MONITORING WELL LOCATION MAP

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

NORTH ASH POND AND OLD EAST ASH POND

VERMILION POWER PLANT
OAKWOOD, ILLINOIS

DRAFT

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\2285\MXD\645_AnnualGWM\2024\VER\AGWR_2024.aprx\Figure 1. VER 910 911 Monitoring Well Location Map

PROJECT: 169000XXXX | DATED: 4/23/2025 | DESIGNER: GALARNMC

ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 1, 2025

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 1, 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	02/24/2025	19.32	574.64
03R	Compliance	02/24/2025	8.21	581.57
04	Compliance	02/25/2025	7.35	583.82
05	Compliance	02/24/2025	7.19	588.59
07R	Compliance	02/24/2025	19.19	575.35
08R	Compliance	02/24/2025	13.99	576.49
17	Compliance	02/24/2025	38.78	584.62
20	Compliance	02/25/2025	14.77	577.74
21	Background	02/24/2025	91.54	581.42
34	Compliance	02/25/2025	14.61	577.99
36	Compliance	02/24/2025	14.93	575.29
37	Compliance	02/24/2025	8.31	581.54
38	Compliance	02/25/2025	4.40	587.35
41	Compliance	02/24/2025	6.19	581.22
42	Background	02/25/2025	26.17	582.36
43	Background	02/25/2025	16.11	591.98
72	Compliance	02/24/2025	13.68	575.55
101	Background	02/24/2025	107.66	599.19
103R	Background	02/24/2025	137.32	582.00
ND3	Water Level	02/26/2025	[18.60]	[595.97]
OED1	Water Level	02/25/2025	43.76	586.75
SG01	Water Level	02/24/2025	18.33	674.25

Notes:
BMP = below measuring point
Bracketing [ ] indicates that the measurement was obtained outside of the 24-hour period from initiation of depth to groundwater measurements.
Depth to Groundwater/Groundwater Elevation Code (if applicable):
DM[1] = Depth to water was not measured.
DM[2] = Depth to water was not measured because water was above or below the staff gage markings.
DM[3] = Depth to water was not measured because the location was inaccessible.
DM[4] = Depth to water was not measured because water level was below the top of the pump.
DM[5] = Depth to water was not measured because water level was above the top of casing (artesian well).
DM[6] = Depth to water was not measured because of damage to the well.
DM[7] = Depth to water was not measured due to required pressure transducer maintenance.
DM[8] = Lab provided groundwater elevation data and not depth to water.
NAVD88 = North American Vertical Datum of 1988

ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 1, 2025

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 03/18/25 12:33:07

JOB DESCRIPTION

VER-25Q1
VER_845_910-911

JOB NUMBER

500-264493-3

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization

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03/18/25 12:33:07

Authorized for release by
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Case Narrative

Client: Vistra Energy Corp
Project: VER-25Q1

Job ID: 500-264493-3

Job ID: 500-264493-3 Eurofins Chicago

Job Narrative
500-264493-3

Receipt
The samples were received on 02/26/25 12:31. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.3º C, 1.9º C, 2.7º C, 2.8º C, 2.8º C, 3.2º C, 4.8º C and 4.8º C.

Receipt Exceptions
No Radium 226 and 228 analysis performed for sample: 17 (500-264493-21) due to insufficient sample volume received. All other metals and inorganic analyses performed, as sufficient volume was received for those tests.

Samples for the following wells were unable to be collected and have no results reported for them:
Wells 72 and OED1 were dry at the time of sampling.
Wells 101& and 103R could not be collected due to equipment issues on site.

Metals
Method 6020B: The method blank for preparation batch 500-808062 and analytical batch 500-808637 contained Sodium above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 6020B: The following samples were diluted to bring the concentration of target analytes within the calibration range: 04 (500-264493-5), 04_FD (500-264493-6), 07R (500-264493-7), 36 (500-264493-10) and ND3 (500-264493-16). Elevated reporting limits (RLs) are provided.

Method 6020B: The method blank for preparation batch 500-807898 and analytical batch 500-809424 contained Boron above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B: The method blank for preparation batch 500-808468 and analytical batch 500-809424 contained Calcium above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 6020B: The initial low level calibration verification (ICVL) result for batch 500-809599 was above the upper control limit. The affected analyte is: Beryllium. Sample results were below the reporting limit, and have been reported as qualified data.

Method 6020B: The following samples were diluted to bring the concentration of target analytes within the calibration range: 03R (500-264493-18) and 17 (500-264493-21). Elevated reporting limits (RLs) are provided.

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

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

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 21 — Lab Sample ID: 500-264493-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0024	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.072		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.13		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.85	B	0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	70		0.20	0.044	mg/L	1		6020B	Total Recoverable
Lead	0.00029	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	32		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	2.3		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	57		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	17		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	350		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	360		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)	91.51				ft	1		Field Sampling	Total/NA
Field pH	7.45				SU	1		Field Sampling	Total/NA
Field Temperature	12.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-195.3				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.50				mg/L	1		Field Sampling	Total/NA
Specific Conductance	744				umhos/cm	1		Field Sampling	Total/NA
Turbidity	9.28				NTU	1		Field Sampling	Total/NA

Client Sample ID: 02 — Lab Sample ID: 500-264493-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0034	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0066		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.20		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.35		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	86		0.20	0.044	mg/L	1		6020B	Total Recoverable
Lead	0.00028	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	35		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.9		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	85	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	48		2.0	0.84	mg/L	2		300.0	Total/NA
Sulfate	18		2.0	0.94	mg/L	2		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 02 (Continued) — Lab Sample ID: 500-264493-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bicarbonate Alkalinity as CaCO3	440		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	530		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.62		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	19.29				ft	1		Field Sampling	Total/NA
Field pH	7.80				SU	1		Field Sampling	Total/NA
Field Temperature	12.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-191.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.05				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1048				umhos/cm	1		Field Sampling	Total/NA
Turbidity	5.26				NTU	1		Field Sampling	Total/NA

Client Sample ID: 04 — Lab Sample ID: 500-264493-5

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	0.0036		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.22		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	6.3		0.25	0.064	mg/L	5		6020B	Total Recoverable
Calcium	80		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.00054	J	0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Magnesium	37		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.034		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	6.0		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	23	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	8.9		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	75		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	430		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.29		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	7.31				ft	1		Field Sampling	Total/NA
Field pH	7.82				SU	1		Field Sampling	Total/NA
Field Temperature	6.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-167.83				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.02				mg/L	1		Field Sampling	Total/NA
Specific Conductance	772				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.75				NTU	1		Field Sampling	Total/NA

Client Sample ID: 04_FD — Lab Sample ID: 500-264493-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.039		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0037		0.0010	0.00023	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 04_FD (Continued) — Lab Sample ID: 500-264493-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.23		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	6.4		0.25	0.064	mg/L	5		6020B	Total Recoverable
Calcium	81		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.00056	J	0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Magnesium	37		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.034		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	6.0		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	23	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	8.8		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	75		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	300		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	410		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.29		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	7.31				ft	1		Field Sampling	Total/NA
Field pH	7.82				SU	1		Field Sampling	Total/NA
Field Temperature	6.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-167.83				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.02				mg/L	1		Field Sampling	Total/NA
Specific Conductance	772				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.75				NTU	1		Field Sampling	Total/NA

Client Sample ID: 07R — Lab Sample ID: 500-264493-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.65		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.33		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.12		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	51		2.5	0.64	mg/L	50		6020B	Total Recoverable
Cadmium	0.00050		0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	730		10	2.2	mg/L	50		6020B	Total Recoverable
Chromium	0.012		0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Cobalt	0.0070		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00037	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	44		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.81		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	59		0.50	0.11	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 07R (Continued) — Lab Sample ID: 500-264493-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.037		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	41	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Thallium	0.0015	J	0.0020	0.00057	mg/L	1		6020B	Total Recoverable
Chloride	4.6		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	1800		100	47	mg/L	100		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	160		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2900		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.085	J	0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	20.69				ft	1		Field Sampling	Total/NA
Field pH	6.93				SU	1		Field Sampling	Total/NA
Field Temperature	11.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	34.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	3.52				mg/L	1		Field Sampling	Total/NA
Specific Conductance	3154				umhos/cm	1		Field Sampling	Total/NA
Turbidity	344.32				NTU	1		Field Sampling	Total/NA

Client Sample ID: 20 — Lab Sample ID: 500-264493-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.025		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00087	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.023		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.3		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	110		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0012		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Magnesium	43		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	1.1		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	12	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	4.2		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	95		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	460		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.077	J	0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	14.88				ft	1		Field Sampling	Total/NA
Field pH	7.27				SU	1		Field Sampling	Total/NA
Field Temperature	8.5				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-36.8				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.04				mg/L	1		Field Sampling	Total/NA
Specific Conductance	833				umhos/cm	1		Field Sampling	Total/NA
Turbidity	4.62				NTU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 34 — Lab Sample ID: 500-264493-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0030	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.026		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.16		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.53		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	72		0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.00040	J	0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00077		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	38		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.6		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	80	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	33		1.0	0.42	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	450		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	480		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.64		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	14.54				ft	1		Field Sampling	Total/NA
Field pH	7.37				SU	1		Field Sampling	Total/NA
Field Temperature	9.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-74.4				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.37				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1034				umhos/cm	1		Field Sampling	Total/NA
Turbidity	44.38				NTU	1		Field Sampling	Total/NA

Client Sample ID: 36 — Lab Sample ID: 500-264493-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.27		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0026		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.059		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	16		0.50	0.13	mg/L	10		6020B	Total Recoverable
Calcium	430		2.0	0.44	mg/L	10		6020B	Total Recoverable
Magnesium	60		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.19		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	23		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	30	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	12		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	1100		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

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 36 (Continued) — Lab Sample ID: 500-264493-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
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)	14.84				ft	1		Field Sampling	Total/NA
Field pH	7.39				SU	1		Field Sampling	Total/NA
Field Temperature	12.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-118.6				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.09				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2245				umhos/cm	1		Field Sampling	Total/NA
Turbidity	7.72				NTU	1		Field Sampling	Total/NA

Client Sample ID: 37 — Lab Sample ID: 500-264493-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0041	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.044		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	120		0.20	0.044	mg/L	1		6020B	Total Recoverable
Lead	0.00056		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	61		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	3.1		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	92	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	42		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	290		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	0.56		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	8.85				ft	1		Field Sampling	Total/NA
Field pH	6.73				SU	1		Field Sampling	Total/NA
Field Temperature	12.0				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-161.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.02				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1407				umhos/cm	1		Field Sampling	Total/NA
Turbidity	41.74				NTU	1		Field Sampling	Total/NA

Client Sample ID: 37_FD — Lab Sample ID: 500-264493-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0024	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.044		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.34		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.0		0.050	0.013	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 37_FD (Continued) — Lab Sample ID: 500-264493-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	120		0.20	0.044	mg/L	1		6020B	Total Recoverable
Chromium	0.0012	J	0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Lead	0.00073		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	64		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	3.2		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	94	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	44		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	300		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	830		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.56		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	8.85				ft	1		Field Sampling	Total/NA
Field pH	6.73				SU	1		Field Sampling	Total/NA
Field Temperature	12.0				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-161.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.02				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1407				umhos/cm	1		Field Sampling	Total/NA
Turbidity	41.74				NTU	1		Field Sampling	Total/NA

Client Sample ID: 38 — Lab Sample ID: 500-264493-13

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	0.028		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.19		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.49		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	76		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	38		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.9		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	85	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	16		1.0	0.42	mg/L	1		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	500		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	480		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.35		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	5.10				ft	1		Field Sampling	Total/NA
Field pH	7.27				SU	1		Field Sampling	Total/NA
Field Temperature	9.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	124.2				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.08				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1076				umhos/cm	1		Field Sampling	Total/NA
Turbidity	140.06				NTU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: ND3 — Lab Sample ID: 500-264493-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.54		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Antimony	0.013		0.0030	0.0013	mg/L	1		6020B	Total Recoverable
Arsenic	0.14		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.034		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Beryllium	0.00055	J	0.0010	0.00053	mg/L	1		6020B	Total Recoverable
Boron	38		2.5	0.64	mg/L	50		6020B	Total Recoverable
Cadmium	0.00036	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	400		10	2.2	mg/L	50		6020B	Total Recoverable
Chromium	0.0022	J	0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Cobalt	0.0012		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.013		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	53		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.26		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	46		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.012		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	39	B	0.20	0.077	mg/L	1		6020B	Total Recoverable
Thallium	0.0021		0.0020	0.00057	mg/L	1		6020B	Total Recoverable
Chloride	6.1		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	1200		100	47	mg/L	100		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	40		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Carbonate Alkalinity as CaCO3	53		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1800		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.29		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	18.60				ft	1		Field Sampling	Total/NA
Field pH	9.29				SU	1		Field Sampling	Total/NA
Field Temperature	10.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	172.3				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	4.48				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2210				umhos/cm	1		Field Sampling	Total/NA
Turbidity	41.86				NTU	1		Field Sampling	Total/NA

Client Sample ID: 03R — Lab Sample ID: 500-264493-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0079		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0073		0.0010	0.00023	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 03R (Continued) — Lab Sample ID: 500-264493-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.33		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	29		1.0	0.25	mg/L	20		6020B	Total Recoverable
Cadmium	0.00034	J	0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Calcium	170	B	0.20	0.044	mg/L	1		6020B	Total Recoverable
Chromium	0.0021	J	0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Cobalt	0.00074	J	0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.0012		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	62		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.36		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	3.1		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.00099	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	100		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	22		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	540		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	0.44		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	8.63				ft	1		Field Sampling	Total/NA
Field pH	7.64				SU	1		Field Sampling	Total/NA
Field Temperature	9.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-139.3				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.42				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1710				umhos/cm	1		Field Sampling	Total/NA
Turbidity	24.99				NTU	1		Field Sampling	Total/NA

Client Sample ID: 05 — Lab Sample ID: 500-264493-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.091		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00025	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	4.1		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	98	B	0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0022		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Magnesium	20		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.018		0.0050	0.0025	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 05 (Continued) — Lab Sample ID: 500-264493-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	3.6		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0021	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	25		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	6.6		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	200		10	4.7	mg/L	10		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	260		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	600		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.59		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	7.64				ft	1		Field Sampling	Total/NA
Field pH	7.64				SU	1		Field Sampling	Total/NA
Field Temperature	8.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	8.4				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.04				mg/L	1		Field Sampling	Total/NA
Specific Conductance	962				umhos/cm	1		Field Sampling	Total/NA
Turbidity	9.93				NTU	1		Field Sampling	Total/NA

Client Sample ID: 08R — Lab Sample ID: 500-264493-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.36		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00023	J	0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.063		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.15		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	100	B	0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	23		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	13		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0028		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	12		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	5.9		1.0	0.42	mg/L	1		300.0	Total/NA
Sulfate	760		50	23	mg/L	50		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	110		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1400		10	4.3	mg/L	1		SM 2540C	Total/NA
Depth to Water (ft from MP)	13.98				ft	1		Field Sampling	Total/NA
Field pH	8.20				SU	1		Field Sampling	Total/NA
Field Temperature	8.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-46.7				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.10				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1668				umhos/cm	1		Field Sampling	Total/NA
Turbidity	5.33				NTU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 17 — Lab Sample ID: 500-264493-21

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	0.0033		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.026		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	5.1		0.25	0.064	mg/L	5		6020B	Total Recoverable
Calcium	320	B	0.20	0.044	mg/L	1		6020B	Total Recoverable
Cobalt	0.0018		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Lead	0.00047	J	0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	130		0.20	0.049	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0040	J	0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Potassium	3.7		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0014	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	36		0.20	0.077	mg/L	1		6020B	Total Recoverable
Thallium	0.00093	J	0.0020	0.00057	mg/L	1		6020B	Total Recoverable
Chloride	22		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	960		50	23	mg/L	50		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	320		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1800		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)	38.57				ft	1		Field Sampling	Total/NA
Field pH	6.96				SU	1		Field Sampling	Total/NA
Field Temperature	9.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-29.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	3.60				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2164				umhos/cm	1		Field Sampling	Total/NA
Turbidity	25.34				NTU	1		Field Sampling	Total/NA

Client Sample ID: 41 — Lab Sample ID: 500-264493-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0030	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.016		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.28		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	2.8		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	88	B	0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	43		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	3.0		0.50	0.11	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 41 (Continued) — Lab Sample ID: 500-264493-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.0011	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	100		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	50		5.0	2.1	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	540		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	0.40		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	6.43				ft	1		Field Sampling	Total/NA
Field pH	7.44				SU	1		Field Sampling	Total/NA
Field Temperature	9.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-117.73				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.03				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1273				umhos/cm	1		Field Sampling	Total/NA
Turbidity	24.32				NTU	1		Field Sampling	Total/NA

Client Sample ID: 41_FD — Lab Sample ID: 500-264493-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0029	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
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	2.7		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	87	B	0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	42		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.9		0.50	0.11	mg/L	1		6020B	Total Recoverable
Selenium	0.0014	J	0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Sodium	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	530		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	0.40		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	6.43				ft	1		Field Sampling	Total/NA
Field pH	7.44				SU	1		Field Sampling	Total/NA
Field Temperature	9.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-117.73				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.03				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1273				umhos/cm	1		Field Sampling	Total/NA
Turbidity	24.32				NTU	1		Field Sampling	Total/NA

Client Sample ID: 42 — Lab Sample ID: 500-264493-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0031	J	0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 42 (Continued) — Lab Sample ID: 500-264493-26

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	0.17		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	0.66		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	91		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	50		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	2.5		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	62		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	17		2.0	0.84	mg/L	2		300.0	Total/NA
Sulfate	43		2.0	0.94	mg/L	2		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	460		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	550		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.54		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	26.43				ft	1		Field Sampling	Total/NA
Field pH	7.45				SU	1		Field Sampling	Total/NA
Field Temperature	10.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-180.3				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.21				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1018				umhos/cm	1		Field Sampling	Total/NA
Turbidity	7.53				NTU	1		Field Sampling	Total/NA

Client Sample ID: 43 — Lab Sample ID: 500-264493-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.011		0.0050	0.0020	mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.011		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.34		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Boron	1.1		0.050	0.013	mg/L	1		6020B	Total Recoverable
Calcium	98		0.20	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	54		0.20	0.049	mg/L	1		6020B	Total Recoverable
Potassium	9.3		0.50	0.11	mg/L	1		6020B	Total Recoverable
Sodium	130		0.20	0.077	mg/L	1		6020B	Total Recoverable
Chloride	62		5.0	2.1	mg/L	5		300.0	Total/NA
Sulfate	120		5.0	2.3	mg/L	5		300.0	Total/NA
Bicarbonate Alkalinity as CaCO3	500		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	790		10	4.3	mg/L	1		SM 2540C	Total/NA
Fluoride	0.47		0.10	0.056	mg/L	1		SM 4500 F C	Total/NA
Depth to Water (ft from MP)	16.38				ft	1		Field Sampling	Total/NA
Field pH	7.61				SU	1		Field Sampling	Total/NA
Field Temperature	11.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-127.5				millivolts	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 43 (Continued) — Lab Sample ID: 500-264493-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Oxygen, Dissolved	3.75				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1393				umhos/cm	1		Field Sampling	Total/NA
Turbidity	15.89				NTU	1		Field Sampling	Total/NA

Client Sample ID: YSG01 — Lab Sample ID: 500-264493-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	18.33				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
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-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-264493-3	21	Water	02/25/25 15:20	02/26/25 12:31
500-264493-4	02	Water	02/26/25 11:55	02/27/25 12:49
500-264493-5	04	Water	02/26/25 12:30	02/27/25 12:49
500-264493-6	04_FD	Water	02/26/25 12:30	02/27/25 12:49
500-264493-7	07R	Water	02/26/25 10:40	02/27/25 12:49
500-264493-8	20	Water	02/26/25 10:25	02/27/25 12:49
500-264493-9	34	Water	02/26/25 11:15	02/27/25 12:49
500-264493-10	36	Water	02/26/25 08:50	02/27/25 12:49
500-264493-11	37	Water	02/26/25 09:25	02/27/25 12:49
500-264493-12	37_FD	Water	02/26/25 09:30	02/27/25 12:49
500-264493-13	38	Water	02/26/25 09:30	02/27/25 12:49
500-264493-16	ND3	Water	02/26/25 14:40	02/27/25 12:49
500-264493-18	03R	Water	02/27/25 14:10	02/28/25 13:18
500-264493-19	05	Water	02/27/25 12:45	02/28/25 13:18
500-264493-20	08R	Water	02/27/25 14:50	02/28/25 13:18
500-264493-21	17	Water	02/27/25 09:40	02/28/25 13:18
500-264493-24	41	Water	02/27/25 13:20	02/28/25 13:18
500-264493-25	41_FD	Water	02/27/25 13:25	02/28/25 13:18
500-264493-26	42	Water	02/27/25 11:15	02/28/25 13:18
500-264493-27	43	Water	02/27/25 13:10	02/28/25 13:18
500-264493-32	YSG01	Water	02/24/25 10:51	02/27/25 09:51

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 21

Date Collected: 02/25/25 15:20
Date Received: 02/26/25 12:31

Lab Sample ID: 500-264493-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0024	J	0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 17:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		02/27/25 08:23	03/10/25 12:55	1
Arsenic	0.072		0.0010	0.00023	mg/L		02/27/25 08:23	03/10/25 12:55	1
Barium	0.13		0.0025	0.00073	mg/L		02/27/25 08:23	03/10/25 12:55	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/27/25 08:23	03/10/25 12:55	1
Boron	0.85	B	0.050	0.013	mg/L		02/27/25 08:23	03/12/25 13:11	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/27/25 08:23	03/10/25 12:55	1
Calcium	70		0.20	0.044	mg/L		02/27/25 08:23	03/10/25 12:55	1
Chromium	<0.0050		0.0050	0.0011	mg/L		02/27/25 08:23	03/10/25 12:55	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		02/27/25 08:23	03/10/25 12:55	1
Lead	0.00029	J	0.00050	0.00019	mg/L		02/27/25 08:23	03/10/25 12:55	1
Magnesium	32		0.20	0.049	mg/L		02/27/25 08:23	03/10/25 12:55	1
Molybdenum	0.0035	J	0.0050	0.0025	mg/L		02/27/25 08:23	03/10/25 12:55	1
Potassium	2.3		0.50	0.11	mg/L		02/27/25 08:23	03/10/25 12:55	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/27/25 08:23	03/10/25 12:55	1
Sodium	57		0.20	0.077	mg/L		02/27/25 08:23	03/10/25 12:55	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/27/25 08:23	03/10/25 12:55	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		02/27/25 13:40	02/28/25 10:49	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			03/11/25 21:05	1
Sulfate (EPA 300.0)	17		10	4.7	mg/L			03/08/25 21:44	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	350		5.0	3.7	mg/L			02/28/25 10:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 10:12	1
Total Dissolved Solids (SM 2540C)	360		10	4.3	mg/L			03/03/25 11:49	1
Fluoride (SM 4500 F C)	1.1		0.10	0.056	mg/L			03/06/25 15:38	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	91.51				ft			02/25/25 15:20	1
Field pH	7.45				SU			02/25/25 15:20	1
Field Temperature	12.9				Degrees C			02/25/25 15:20	1
Oxidation Reduction Potential	-195.3				millivolts			02/25/25 15:20	1
Oxygen, Dissolved	0.50				mg/L			02/25/25 15:20	1
Specific Conductance	744				umhos/cm			02/25/25 15:20	1
Turbidity	9.28				NTU			02/25/25 15:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 02

Date Collected: 02/26/25 11:55
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0034	J	0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		02/28/25 08:28	03/04/25 13:31	1
Arsenic	0.0066		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 13:31	1
Barium	0.20		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 13:31	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 13:31	1
Boron	0.35		0.050	0.013	mg/L		02/28/25 08:28	03/06/25 11:18	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 13:31	1
Calcium	86		0.20	0.044	mg/L		02/28/25 08:28	03/04/25 13:31	1
Chromium	<0.0050		0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 13:31	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 13:31	1
Lead	0.00028	J	0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 13:31	1
Magnesium	35		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 13:31	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 13:31	1
Potassium	2.9		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 13:31	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 13:31	1
Sodium	85	B	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 13:31	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 13:31	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		03/03/25 12:15	03/04/25 10:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	48		2.0	0.84	mg/L			03/08/25 16:03	2
Sulfate (EPA 300.0)	18		2.0	0.94	mg/L			03/08/25 16:03	2
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	440		5.0	3.7	mg/L			02/28/25 10:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 10:23	1
Total Dissolved Solids (SM 2540C)	530		10	4.3	mg/L			03/04/25 09:30	1
Fluoride (SM 4500 F C)	0.62		0.10	0.056	mg/L			03/06/25 16:00	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	19.29				ft			02/26/25 11:55	1
Field pH	7.80				SU			02/26/25 11:55	1
Field Temperature	12.6				Degrees C			02/26/25 11:55	1
Oxidation Reduction Potential	-191.7				millivolts			02/26/25 11:55	1
Oxygen, Dissolved	0.05				mg/L			02/26/25 11:55	1
Specific Conductance	1048				umhos/cm			02/26/25 11:55	1
Turbidity	5.26				NTU			02/26/25 11:55	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 04

Date Collected: 02/26/25 12:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.040**		0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 17:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		02/28/25 08:28	03/04/25 13:34	1
Arsenic	**0.0036**		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 13:34	1
Barium	**0.22**		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 13:34	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 13:34	1
Boron	**6.3**		0.25	0.064	mg/L		02/28/25 08:28	03/06/25 11:21	5
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 13:34	1
Calcium	**80**		0.20	0.044	mg/L		02/28/25 08:28	03/04/25 13:34	1
Chromium	<0.0050		0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 13:34	1
Cobalt	**0.00054**	**J**	0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 13:34	1
Lead	<0.00050		0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 13:34	1
Magnesium	**37**		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 13:34	1
Molybdenum	**0.034**		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 13:34	1
Potassium	**6.0**		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 13:34	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 13:34	1
Sodium	**23**	**B**	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 13:34	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 13:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		03/03/25 12:15	03/04/25 10:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**8.9**		1.0	0.42	mg/L			03/08/25 16:49	1
Sulfate (EPA 300.0)	**75**		10	4.7	mg/L			03/11/25 22:54	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**290**		5.0	3.7	mg/L			02/28/25 10:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 10:35	1
Total Dissolved Solids (SM 2540C)	**430**		10	4.3	mg/L			03/04/25 09:32	1
Fluoride (SM 4500 F C)	**0.29**		0.10	0.056	mg/L			03/06/25 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)	**7.31**				ft			02/26/25 12:30	1
Field pH	**7.82**				SU			02/26/25 12:30	1
Field Temperature	**6.2**				Degrees C			02/26/25 12:30	1
Oxidation Reduction Potential	**-167.83**				millivolts			02/26/25 12:30	1
Oxygen, Dissolved	**0.02**				mg/L			02/26/25 12:30	1
Specific Conductance	**772**				umhos/cm			02/26/25 12:30	1
Turbidity	**1.75**				NTU			02/26/25 12:30	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 04_FD

Date Collected: 02/26/25 12:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.039**		0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		02/28/25 08:28	03/04/25 13:43	1
Arsenic	**0.0037**		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 13:43	1
Barium	**0.23**		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 13:43	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 13:43	1
Boron	**6.4**		0.25	0.064	mg/L		02/28/25 08:28	03/06/25 11:23	5
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 13:43	1
Calcium	**81**		0.20	0.044	mg/L		02/28/25 08:28	03/04/25 13:43	1
Chromium	<0.0050		0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 13:43	1
Cobalt	**0.00056**	**J**	0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 13:43	1
Lead	<0.00050		0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 13:43	1
Magnesium	**37**		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 13:43	1
Molybdenum	**0.034**		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 13:43	1
Potassium	**6.0**		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 13:43	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 13:43	1
Sodium	**23**	**B**	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 13:43	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 13:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		03/03/25 12:15	03/04/25 10:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**8.8**		1.0	0.42	mg/L			03/08/25 17:05	1
Sulfate (EPA 300.0)	**75**		10	4.7	mg/L			03/11/25 23:09	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**300**		5.0	3.7	mg/L			02/28/25 10:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 10:45	1
Total Dissolved Solids (SM 2540C)	**410**		10	4.3	mg/L			03/04/25 09:35	1
Fluoride (SM 4500 F C)	**0.29**		0.10	0.056	mg/L			03/06/25 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)	**7.31**				ft			02/26/25 12:30	1
Field pH	**7.82**				SU			02/26/25 12:30	1
Field Temperature	**6.2**				Degrees C			02/26/25 12:30	1
Oxidation Reduction Potential	**-167.83**				millivolts			02/26/25 12:30	1
Oxygen, Dissolved	**0.02**				mg/L			02/26/25 12:30	1
Specific Conductance	**772**				umhos/cm			02/26/25 12:30	1
Turbidity	**1.75**				NTU			02/26/25 12:30	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 07R

Date Collected: 02/26/25 10:40
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.65		0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 18:05	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		02/28/25 08:28	03/04/25 13:56	1
Arsenic	0.33		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 13:56	1
Barium	0.12		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 13:56	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 13:56	1
Boron	51		2.5	0.64	mg/L		02/28/25 08:28	03/06/25 11:26	50
Cadmium	0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 13:56	1
Calcium	730		10	2.2	mg/L		02/28/25 08:28	03/06/25 11:26	50
Chromium	0.012		0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 13:56	1
Cobalt	0.0070		0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 13:56	1
Lead	0.00037	J	0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 13:56	1
Magnesium	44		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 13:56	1
Molybdenum	0.81		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 13:56	1
Potassium	59		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 13:56	1
Selenium	0.037		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 13:56	1
Sodium	41	B	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 13:56	1
Thallium	0.0015	J	0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 13:56	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		03/03/25 12:15	03/04/25 10:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	4.6		1.0	0.42	mg/L			03/08/25 17:21	1
Sulfate (EPA 300.0)	1800		100	47	mg/L			03/08/25 17:36	100
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	160		5.0	3.7	mg/L			02/28/25 10:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 10:56	1
Total Dissolved Solids (SM 2540C)	2900		10	4.3	mg/L			03/04/25 09:37	1
Fluoride (SM 4500 F C)	0.085	J	0.10	0.056	mg/L			03/06/25 16:14	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	20.69				ft			02/26/25 10:40	1
Field pH	6.93				SU			02/26/25 10:40	1
Field Temperature	11.3				Degrees C			02/26/25 10:40	1
Oxidation Reduction Potential	34.7				millivolts			02/26/25 10:40	1
Oxygen, Dissolved	3.52				mg/L			02/26/25 10:40	1
Specific Conductance	3154				umhos/cm			02/26/25 10:40	1
Turbidity	344.32				NTU			02/26/25 10:40	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 20

Date Collected: 02/26/25 10:25
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.025**		0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 18:09	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		02/28/25 08:28	03/04/25 14:12	1
Arsenic	**0.00087**	**J**	0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 14:12	1
Barium	**0.023**		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 14:12	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 14:12	1
Boron	**2.3**		0.050	0.013	mg/L		02/28/25 08:28	03/06/25 11:28	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 14:12	1
Calcium	**110**		0.20	0.044	mg/L		02/28/25 08:28	03/04/25 14:12	1
Chromium	<0.0050		0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 14:12	1
Cobalt	**0.0012**		0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 14:12	1
Lead	<0.00050		0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 14:12	1
Magnesium	**43**		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 14:12	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 14:12	1
Potassium	**1.1**		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 14:12	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 14:12	1
Sodium	**12**	**B**	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 14:12	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 14:12	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		03/03/25 12:15	03/04/25 10:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**4.2**		1.0	0.42	mg/L			03/08/25 17:52	1
Sulfate (EPA 300.0)	**95**		5.0	2.3	mg/L			03/08/25 18:38	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**320**		5.0	3.7	mg/L			02/28/25 11:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 11:06	1
Total Dissolved Solids (SM 2540C)	**460**		10	4.3	mg/L			03/04/25 09:39	1
Fluoride (SM 4500 F C)	**0.077**	**J**	0.10	0.056	mg/L			03/06/25 16:18	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**14.88**				ft			02/26/25 10:25	1
Field pH	**7.27**				SU			02/26/25 10:25	1
Field Temperature	**8.5**				Degrees C			02/26/25 10:25	1
Oxidation Reduction Potential	**-36.8**				millivolts			02/26/25 10:25	1
Oxygen, Dissolved	**0.04**				mg/L			02/26/25 10:25	1
Specific Conductance	**833**				umhos/cm			02/26/25 10:25	1
Turbidity	**4.62**				NTU			02/26/25 10:25	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 34

Date Collected: 02/26/25 11:15
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0030**	**J**	0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 18:14	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		02/28/25 08:28	03/04/25 14:15	1
Arsenic	**0.026**		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 14:15	1
Barium	**0.16**		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 14:15	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 14:15	1
Boron	**0.53**		0.050	0.013	mg/L		02/28/25 08:28	03/06/25 11:31	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 14:15	1
Calcium	**72**		0.20	0.044	mg/L		02/28/25 08:28	03/04/25 14:15	1
Chromium	<0.0050		0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 14:15	1
Cobalt	**0.00040**	**J**	0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 14:15	1
Lead	**0.00077**		0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 14:15	1
Magnesium	**38**		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 14:15	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 14:15	1
Potassium	**2.6**		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 14:15	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 14:15	1
Sodium	**80**	**B**	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 14:15	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 14:15	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		03/03/25 12:15	03/04/25 10:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**33**		1.0	0.42	mg/L			03/08/25 18:54	1
Sulfate (EPA 300.0)	<1.0		1.0	0.47	mg/L			03/08/25 18:54	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**450**		5.0	3.7	mg/L			02/28/25 11:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 11:18	1
Total Dissolved Solids (SM 2540C)	**480**		10	4.3	mg/L			03/04/25 09:41	1
Fluoride (SM 4500 F C)	**0.64**		0.10	0.056	mg/L			03/06/25 16:22	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**14.54**				ft			02/26/25 11:15	1
Field pH	**7.37**				SU			02/26/25 11:15	1
Field Temperature	**9.1**				Degrees C			02/26/25 11:15	1
Oxidation Reduction Potential	**-74.4**				millivolts			02/26/25 11:15	1
Oxygen, Dissolved	**0.37**				mg/L			02/26/25 11:15	1
Specific Conductance	**1034**				umhos/cm			02/26/25 11:15	1
Turbidity	**44.38**				NTU			02/26/25 11:15	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 36

Date Collected: 02/26/25 08:50
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.27		0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 18:18	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		02/28/25 08:28	03/04/25 14:25	1
Arsenic	0.0026		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 14:25	1
Barium	0.059		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 14:25	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 14:25	1
Boron	16		0.50	0.13	mg/L		02/28/25 08:28	03/06/25 11:33	10
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 14:25	1
Calcium	430		2.0	0.44	mg/L		02/28/25 08:28	03/06/25 11:33	10
Chromium	<0.0050		0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 14:25	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 14:25	1
Lead	<0.00050		0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 14:25	1
Magnesium	60		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 14:25	1
Molybdenum	0.19		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 14:25	1
Potassium	23		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 14:25	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 14:25	1
Sodium	30	B	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 14:25	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 14:25	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		03/03/25 12:15	03/04/25 10:21	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			03/08/25 19:10	1
Sulfate (EPA 300.0)	1100		100	47	mg/L			03/08/25 19:25	100
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	120		5.0	3.7	mg/L			02/28/25 11:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 11:29	1
Total Dissolved Solids (SM 2540C)	1900		10	4.3	mg/L			03/04/25 09:43	1
Fluoride (SM 4500 F C)	0.21		0.10	0.056	mg/L			03/06/25 16:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	14.84				ft			02/26/25 08:50	1
Field pH	7.39				SU			02/26/25 08:50	1
Field Temperature	12.1				Degrees C			02/26/25 08:50	1
Oxidation Reduction Potential	-118.6				millivolts			02/26/25 08:50	1
Oxygen, Dissolved	0.09				mg/L			02/26/25 08:50	1
Specific Conductance	2245				umhos/cm			02/26/25 08:50	1
Turbidity	7.72				NTU			02/26/25 08:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 37

Date Collected: 02/26/25 09:25
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0041	J	0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 18:23	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		02/28/25 08:28	03/04/25 14:42	1
Arsenic	0.044		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 14:42	1
Barium	0.34		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 14:42	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 14:42	1
Boron	1.9		0.050	0.013	mg/L		02/28/25 08:28	03/06/25 11:36	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 14:42	1
Calcium	120		0.20	0.044	mg/L		02/28/25 08:28	03/04/25 14:42	1
Chromium	<0.0050		0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 14:42	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 14:42	1
Lead	0.00056		0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 14:42	1
Magnesium	61		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 14:42	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 14:42	1
Potassium	3.1		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 14:42	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 14:42	1
Sodium	92	B	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 14:42	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 14:42	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		03/03/25 12:15	03/04/25 10:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	42		1.0	0.42	mg/L			03/08/25 19:41	1
Sulfate (EPA 300.0)	290		10	4.7	mg/L			03/08/25 19:56	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	390		5.0	3.7	mg/L			02/28/25 11:39	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 11:39	1
Total Dissolved Solids (SM 2540C)	850		10	4.3	mg/L			03/04/25 09:46	1
Fluoride (SM 4500 F C)	0.56		0.10	0.056	mg/L			03/06/25 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)	8.85				ft			02/26/25 09:25	1
Field pH	6.73				SU			02/26/25 09:25	1
Field Temperature	12.0				Degrees C			02/26/25 09:25	1
Oxidation Reduction Potential	-161.7				millivolts			02/26/25 09:25	1
Oxygen, Dissolved	0.02				mg/L			02/26/25 09:25	1
Specific Conductance	1407				umhos/cm			02/26/25 09:25	1
Turbidity	41.74				NTU			02/26/25 09:25	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 37_FD

Date Collected: 02/26/25 09:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0024	J	0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 18:36	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		02/28/25 08:28	03/04/25 14:44	1
Arsenic	0.044		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 14:44	1
Barium	0.34		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 14:44	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 14:44	1
Boron	2.0		0.050	0.013	mg/L		02/28/25 08:28	03/06/25 11:38	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 14:44	1
Calcium	120		0.20	0.044	mg/L		02/28/25 08:28	03/04/25 14:44	1
Chromium	0.0012	J	0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 14:44	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 14:44	1
Lead	0.00073		0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 14:44	1
Magnesium	64		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 14:44	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 14:44	1
Potassium	3.2		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 14:44	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 14:44	1
Sodium	94	B	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 14:44	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 14:44	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		03/03/25 12:15	03/04/25 10:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	44		1.0	0.42	mg/L			03/08/25 20:12	1
Sulfate (EPA 300.0)	300		10	4.7	mg/L			03/08/25 20:27	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	390		5.0	3.7	mg/L			02/28/25 11:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 11:50	1
Total Dissolved Solids (SM 2540C)	830		10	4.3	mg/L			03/04/25 09:48	1
Fluoride (SM 4500 F C)	0.56		0.10	0.056	mg/L			03/06/25 16:53	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	8.85				ft			02/26/25 09:30	1
Field pH	6.73				SU			02/26/25 09:30	1
Field Temperature	12.0				Degrees C			02/26/25 09:30	1
Oxidation Reduction Potential	-161.7				millivolts			02/26/25 09:30	1
Oxygen, Dissolved	0.02				mg/L			02/26/25 09:30	1
Specific Conductance	1407				umhos/cm			02/26/25 09:30	1
Turbidity	41.74				NTU			02/26/25 09:30	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 38

Date Collected: 02/26/25 09:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0026**	**J**	0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 18:41	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		02/28/25 08:28	03/04/25 14:46	1
Arsenic	**0.028**		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 14:46	1
Barium	**0.19**		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 14:46	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 14:46	1
Boron	**0.49**		0.050	0.013	mg/L		02/28/25 08:28	03/06/25 11:40	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 14:46	1
Calcium	**76**		0.20	0.044	mg/L		02/28/25 08:28	03/04/25 14:46	1
Chromium	<0.0050		0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 14:46	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 14:46	1
Lead	<0.00050		0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 14:46	1
Magnesium	**38**		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 14:46	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 14:46	1
Potassium	**2.9**		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 14:46	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 14:46	1
Sodium	**85**	**B**	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 14:46	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 14:46	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		03/03/25 12:15	03/04/25 10:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**16**		1.0	0.42	mg/L			03/08/25 20:43	1
Sulfate (EPA 300.0)	<1.0		1.0	0.47	mg/L			03/08/25 20:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**500**		5.0	3.7	mg/L			02/28/25 12:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			02/28/25 12:01	1
Total Dissolved Solids (SM 2540C)	**480**		10	4.3	mg/L			03/04/25 09:50	1
Fluoride (SM 4500 F C)	**0.35**		0.10	0.056	mg/L			03/06/25 16:57	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**5.10**				ft			02/26/25 09:30	1
Field pH	**7.27**				SU			02/26/25 09:30	1
Field Temperature	**9.2**				Degrees C			02/26/25 09:30	1
Oxidation Reduction Potential	**124.2**				millivolts			02/26/25 09:30	1
Oxygen, Dissolved	**0.08**				mg/L			02/26/25 09:30	1
Specific Conductance	**1076**				umhos/cm			02/26/25 09:30	1
Turbidity	**140.06**				NTU			02/26/25 09:30	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: ND3

Date Collected: 02/26/25 14:40
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.54		0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.013		0.0030	0.0013	mg/L		02/28/25 08:28	03/04/25 14:54	1
Arsenic	0.14		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 14:54	1
Barium	0.034		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 14:54	1
Beryllium	0.00055	J	0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 14:54	1
Boron	38		2.5	0.64	mg/L		02/28/25 08:28	03/06/25 11:53	50
Cadmium	0.00036	J	0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 14:54	1
Calcium	400		10	2.2	mg/L		02/28/25 08:28	03/06/25 11:53	50
Chromium	0.0022	J	0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 14:54	1
Cobalt	0.0012		0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 14:54	1
Lead	0.013		0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 14:54	1
Magnesium	53		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 14:54	1
Molybdenum	0.26		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 14:54	1
Potassium	46		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 14:54	1
Selenium	0.012		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 14:54	1
Sodium	39	B	0.20	0.077	mg/L		02/28/25 08:28	03/04/25 14:54	1
Thallium	0.0021		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 14:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		03/03/25 12:15	03/04/25 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	6.1		1.0	0.42	mg/L			03/08/25 22:32	1
Sulfate (EPA 300.0)	1200		100	47	mg/L			03/11/25 23:25	100
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	40		5.0	3.7	mg/L			02/28/25 12:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	53		5.0	3.7	mg/L			02/28/25 12:35	1
Total Dissolved Solids (SM 2540C)	1800		10	4.3	mg/L			03/04/25 13:21	1
Fluoride (SM 4500 F C)	0.29		0.10	0.056	mg/L			03/06/25 17:20	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	18.60				ft			02/26/25 14:40	1
Field pH	9.29				SU			02/26/25 14:40	1
Field Temperature	10.2				Degrees C			02/26/25 14:40	1
Oxidation Reduction Potential	172.3				millivolts			02/26/25 14:40	1
Oxygen, Dissolved	4.48				mg/L			02/26/25 14:40	1
Specific Conductance	2210				umhos/cm			02/26/25 14:40	1
Turbidity	41.86				NTU			02/26/25 14:40	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 03R

Date Collected: 02/27/25 14:10
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-18

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0079		0.0050	0.0020	mg/L		03/07/25 08:19	03/10/25 14:04	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		03/04/25 08:30	03/10/25 14:00	1
Arsenic	0.0073		0.0010	0.00023	mg/L		03/04/25 08:30	03/10/25 14:00	1
Barium	0.33		0.0025	0.00073	mg/L		03/04/25 08:30	03/10/25 14:00	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		03/04/25 08:30	03/10/25 14:00	1
Boron	29		1.0	0.25	mg/L		03/04/25 08:30	03/11/25 14:42	20
Cadmium	0.00034	J	0.00050	0.00017	mg/L		03/04/25 08:30	03/10/25 14:00	1
Calcium	170	B	0.20	0.044	mg/L		03/04/25 08:30	03/10/25 14:00	1
Chromium	0.0021	J	0.0050	0.0011	mg/L		03/04/25 08:30	03/10/25 14:00	1
Cobalt	0.00074	J	0.0010	0.00040	mg/L		03/04/25 08:30	03/10/25 14:00	1
Lead	0.0012		0.00050	0.00019	mg/L		03/04/25 08:30	03/10/25 14:00	1
Magnesium	62		0.20	0.049	mg/L		03/04/25 08:30	03/10/25 14:00	1
Molybdenum	0.36		0.0050	0.0025	mg/L		03/04/25 08:30	03/10/25 14:00	1
Potassium	3.1		0.50	0.11	mg/L		03/04/25 08:30	03/10/25 14:00	1
Selenium	0.00099	J	0.0025	0.00098	mg/L		03/04/25 08:30	03/10/25 14:00	1
Sodium	100		0.20	0.077	mg/L		03/04/25 08:30	03/10/25 14:00	1
Thallium	<0.0020		0.0020	0.00057	mg/L		03/04/25 08:30	03/10/25 14:00	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		03/13/25 11:35	03/14/25 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	22		1.0	0.42	mg/L			03/08/25 23:19	1
Sulfate (EPA 300.0)	540		20	9.4	mg/L			03/08/25 23:34	20
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	290		5.0	3.7	mg/L			03/09/25 10:48	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			03/09/25 10:48	1
Total Dissolved Solids (SM 2540C)	1300		10	4.3	mg/L			03/06/25 15:31	1
Fluoride (SM 4500 F C)	0.44		0.10	0.056	mg/L			03/06/25 18:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	8.63				ft			02/27/25 14:10	1
Field pH	7.64				SU			02/27/25 14:10	1
Field Temperature	9.8				Degrees C			02/27/25 14:10	1
Oxidation Reduction Potential	-139.3				millivolts			02/27/25 14:10	1
Oxygen, Dissolved	0.42				mg/L			02/27/25 14:10	1
Specific Conductance	1710				umhos/cm			02/27/25 14:10	1
Turbidity	24.99				NTU			02/27/25 14:10	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 05

Date Collected: 02/27/25 12:45
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-19

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.091		0.0050	0.0020	mg/L		03/07/25 08:19	03/10/25 15:03	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		03/04/25 08:30	03/10/25 14:27	1
Arsenic	0.00025	J	0.0010	0.00023	mg/L		03/04/25 08:30	03/10/25 14:27	1
Barium	0.021		0.0025	0.00073	mg/L		03/04/25 08:30	03/10/25 14:27	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		03/04/25 08:30	03/10/25 14:27	1
Boron	4.1		0.050	0.013	mg/L		03/04/25 08:30	03/11/25 14:44	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		03/04/25 08:30	03/10/25 14:27	1
Calcium	98	B	0.20	0.044	mg/L		03/04/25 08:30	03/10/25 14:27	1
Chromium	<0.0050		0.0050	0.0011	mg/L		03/04/25 08:30	03/10/25 14:27	1
Cobalt	0.0022		0.0010	0.00040	mg/L		03/04/25 08:30	03/10/25 14:27	1
Lead	<0.00050		0.00050	0.00019	mg/L		03/04/25 08:30	03/10/25 14:27	1
Magnesium	20		0.20	0.049	mg/L		03/04/25 08:30	03/10/25 14:27	1
Molybdenum	0.018		0.0050	0.0025	mg/L		03/04/25 08:30	03/10/25 14:27	1
Potassium	3.6		0.50	0.11	mg/L		03/04/25 08:30	03/10/25 14:27	1
Selenium	0.0021	J	0.0025	0.00098	mg/L		03/04/25 08:30	03/10/25 14:27	1
Sodium	25		0.20	0.077	mg/L		03/04/25 08:30	03/10/25 14:27	1
Thallium	<0.0020		0.0020	0.00057	mg/L		03/04/25 08:30	03/10/25 14:27	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		03/13/25 11:35	03/14/25 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	6.6		1.0	0.42	mg/L			03/08/25 23:50	1
Sulfate (EPA 300.0)	200		10	4.7	mg/L			03/09/25 00:05	10
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	260		5.0	3.7	mg/L			03/09/25 10:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			03/09/25 10:58	1
Total Dissolved Solids (SM 2540C)	600		10	4.3	mg/L			03/06/25 15:32	1
Fluoride (SM 4500 F C)	0.59		0.10	0.056	mg/L			03/06/25 18:41	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	7.64				ft			02/27/25 12:45	1
Field pH	7.64				SU			02/27/25 12:45	1
Field Temperature	8.4				Degrees C			02/27/25 12:45	1
Oxidation Reduction Potential	8.4				millivolts			02/27/25 12:45	1
Oxygen, Dissolved	0.04				mg/L			02/27/25 12:45	1
Specific Conductance	962				umhos/cm			02/27/25 12:45	1
Turbidity	9.93				NTU			02/27/25 12:45	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 08R

Date Collected: 02/27/25 14:50
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-20

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.36**		0.0050	0.0020	mg/L		03/07/25 08:19	03/10/25 15:08	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		03/04/25 08:30	03/10/25 14:29	1
Arsenic	**0.00023**	**J**	0.0010	0.00023	mg/L		03/04/25 08:30	03/10/25 14:29	1
Barium	**0.063**		0.0025	0.00073	mg/L		03/04/25 08:30	03/10/25 14:29	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		03/04/25 08:30	03/10/25 14:29	1
Boron	**0.15**		0.050	0.013	mg/L		03/04/25 08:30	03/11/25 14:46	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		03/04/25 08:30	03/10/25 14:29	1
Calcium	**100**	**B**	0.20	0.044	mg/L		03/04/25 08:30	03/10/25 14:29	1
Chromium	<0.0050		0.0050	0.0011	mg/L		03/04/25 08:30	03/10/25 14:29	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		03/04/25 08:30	03/10/25 14:29	1
Lead	<0.00050		0.00050	0.00019	mg/L		03/04/25 08:30	03/10/25 14:29	1
Magnesium	**23**		0.20	0.049	mg/L		03/04/25 08:30	03/10/25 14:29	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		03/04/25 08:30	03/10/25 14:29	1
Potassium	**13**		0.50	0.11	mg/L		03/04/25 08:30	03/10/25 14:29	1
Selenium	**0.0028**		0.0025	0.00098	mg/L		03/04/25 08:30	03/10/25 14:29	1
Sodium	**12**		0.20	0.077	mg/L		03/04/25 08:30	03/10/25 14:29	1
Thallium	<0.0020		0.0020	0.00057	mg/L		03/04/25 08:30	03/10/25 14:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		03/13/25 11:35	03/14/25 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**5.9**		1.0	0.42	mg/L			03/13/25 10:34	1
Sulfate (EPA 300.0)	**760**		50	23	mg/L			03/12/25 04:37	50
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**110**		5.0	3.7	mg/L			03/09/25 11:19	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			03/09/25 11:19	1
Total Dissolved Solids (SM 2540C)	**1400**		10	4.3	mg/L			03/06/25 15:34	1
Fluoride (SM 4500 F C)	<0.10		0.10	0.056	mg/L			03/10/25 13:02	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**13.98**				ft			02/27/25 14:50	1
Field pH	**8.20**				SU			02/27/25 14:50	1
Field Temperature	**8.6**				Degrees C			02/27/25 14:50	1
Oxidation Reduction Potential	**-46.7**				millivolts			02/27/25 14:50	1
Oxygen, Dissolved	**1.10**				mg/L			02/27/25 14:50	1
Specific Conductance	**1668**				umhos/cm			02/27/25 14:50	1
Turbidity	**5.33**				NTU			02/27/25 14:50	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 17

Date Collected: 02/27/25 09:40
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-21

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.022		0.0050	0.0020	mg/L		03/07/25 08:19	03/10/25 15:12	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		03/04/25 08:30	03/10/25 14:32	1
Arsenic	0.0033		0.0010	0.00023	mg/L		03/04/25 08:30	03/10/25 14:32	1
Barium	0.026		0.0025	0.00073	mg/L		03/04/25 08:30	03/10/25 14:32	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		03/04/25 08:30	03/10/25 14:32	1
Boron	5.1		0.25	0.064	mg/L		03/04/25 08:30	03/11/25 14:49	5
Cadmium	<0.00050		0.00050	0.00017	mg/L		03/04/25 08:30	03/10/25 14:32	1
Calcium	320	B	0.20	0.044	mg/L		03/04/25 08:30	03/10/25 14:32	1
Chromium	<0.0050		0.0050	0.0011	mg/L		03/04/25 08:30	03/10/25 14:32	1
Cobalt	0.0018		0.0010	0.00040	mg/L		03/04/25 08:30	03/10/25 14:32	1
Lead	0.00047	J	0.00050	0.00019	mg/L		03/04/25 08:30	03/10/25 14:32	1
Magnesium	130		0.20	0.049	mg/L		03/04/25 08:30	03/10/25 14:32	1
Molybdenum	0.0040	J	0.0050	0.0025	mg/L		03/04/25 08:30	03/10/25 14:32	1
Potassium	3.7		0.50	0.11	mg/L		03/04/25 08:30	03/10/25 14:32	1
Selenium	0.0014	J	0.0025	0.00098	mg/L		03/04/25 08:30	03/10/25 14:32	1
Sodium	36		0.20	0.077	mg/L		03/04/25 08:30	03/10/25 14:32	1
Thallium	0.00093	J	0.0020	0.00057	mg/L		03/04/25 08:30	03/10/25 14:32	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		03/13/25 11:35	03/14/25 10:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	22		5.0	2.1	mg/L			03/09/25 01:08	5
Sulfate (EPA 300.0)	960		50	23	mg/L			03/12/25 05:24	50
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	320		5.0	3.7	mg/L			03/05/25 13:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			03/05/25 13:04	1
Total Dissolved Solids (SM 2540C)	1800		10	4.3	mg/L			03/06/25 15:35	1
Fluoride (SM 4500 F C)	0.21		0.10	0.056	mg/L			03/10/25 13:15	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	38.57				ft			02/27/25 09:40	1
Field pH	6.96				SU			02/27/25 09:40	1
Field Temperature	9.9				Degrees C			02/27/25 09:40	1
Oxidation Reduction Potential	-29.0				millivolts			02/27/25 09:40	1
Oxygen, Dissolved	3.60				mg/L			02/27/25 09:40	1
Specific Conductance	2164				umhos/cm			02/27/25 09:40	1
Turbidity	25.34				NTU			02/27/25 09:40	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 41

Date Collected: 02/27/25 13:20
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-24

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0030**	**J**	0.0050	0.0020	mg/L		03/07/25 08:19	03/10/25 15:35	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		03/04/25 08:30	03/10/25 14:51	1
Arsenic	**0.016**		0.0010	0.00023	mg/L		03/04/25 08:30	03/10/25 14:51	1
Barium	**0.28**		0.0025	0.00073	mg/L		03/04/25 08:30	03/10/25 14:51	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		03/04/25 08:30	03/10/25 14:51	1
Boron	**2.8**		0.050	0.013	mg/L		03/04/25 08:30	03/11/25 15:01	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		03/04/25 08:30	03/10/25 14:51	1
Calcium	**88**	**B**	0.20	0.044	mg/L		03/04/25 08:30	03/10/25 14:51	1
Chromium	<0.0050		0.0050	0.0011	mg/L		03/04/25 08:30	03/10/25 14:51	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		03/04/25 08:30	03/10/25 14:51	1
Lead	<0.00050		0.00050	0.00019	mg/L		03/04/25 08:30	03/10/25 14:51	1
Magnesium	**43**		0.20	0.049	mg/L		03/04/25 08:30	03/10/25 14:51	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		03/04/25 08:30	03/10/25 14:51	1
Potassium	**3.0**		0.50	0.11	mg/L		03/04/25 08:30	03/10/25 14:51	1
Selenium	**0.0011**	**J**	0.0025	0.00098	mg/L		03/04/25 08:30	03/10/25 14:51	1
Sodium	**100**		0.20	0.077	mg/L		03/04/25 08:30	03/10/25 14:51	1
Thallium	<0.0020		0.0020	0.00057	mg/L		03/04/25 08:30	03/10/25 14:51	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		03/13/25 11:35	03/14/25 10:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**50**		5.0	2.1	mg/L			03/12/25 05:55	5
Sulfate (EPA 300.0)	<1.0		1.0	0.47	mg/L			03/09/25 06:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**540**		5.0	3.7	mg/L			03/05/25 12:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			03/05/25 12:29	1
Total Dissolved Solids (SM 2540C)	**630**		10	4.3	mg/L			03/06/25 15:40	1
Fluoride (SM 4500 F C)	**0.40**		0.10	0.056	mg/L			03/10/25 13:29	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**6.43**				ft			02/27/25 13:20	1
Field pH	**7.44**				SU			02/27/25 13:20	1
Field Temperature	**9.8**				Degrees C			02/27/25 13:20	1
Oxidation Reduction Potential	**-117.73**				millivolts			02/27/25 13:20	1
Oxygen, Dissolved	**0.03**				mg/L			02/27/25 13:20	1
Specific Conductance	**1273**				umhos/cm			02/27/25 13:20	1
Turbidity	**24.32**				NTU			02/27/25 13:20	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 41_FD

Date Collected: 02/27/25 13:25
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-25

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0029	J	0.0050	0.0020	mg/L		03/07/25 08:19	03/10/25 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		03/04/25 08:30	03/10/25 14:53	1
Arsenic	0.014		0.0010	0.00023	mg/L		03/04/25 08:30	03/10/25 14:53	1
Barium	0.25		0.0025	0.00073	mg/L		03/04/25 08:30	03/10/25 14:53	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		03/04/25 08:30	03/10/25 14:53	1
Boron	2.7		0.050	0.013	mg/L		03/04/25 08:30	03/11/25 15:03	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		03/04/25 08:30	03/10/25 14:53	1
Calcium	87	B	0.20	0.044	mg/L		03/04/25 08:30	03/10/25 14:53	1
Chromium	<0.0050		0.0050	0.0011	mg/L		03/04/25 08:30	03/10/25 14:53	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		03/04/25 08:30	03/10/25 14:53	1
Lead	<0.00050		0.00050	0.00019	mg/L		03/04/25 08:30	03/10/25 14:53	1
Magnesium	42		0.20	0.049	mg/L		03/04/25 08:30	03/10/25 14:53	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		03/04/25 08:30	03/10/25 14:53	1
Potassium	2.9		0.50	0.11	mg/L		03/04/25 08:30	03/10/25 14:53	1
Selenium	0.0014	J	0.0025	0.00098	mg/L		03/04/25 08:30	03/10/25 14:53	1
Sodium	100		0.20	0.077	mg/L		03/04/25 08:30	03/10/25 14:53	1
Thallium	<0.0020		0.0020	0.00057	mg/L		03/04/25 08:30	03/10/25 14:53	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		03/13/25 11:35	03/14/25 10:58	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			03/12/25 06:11	5
Sulfate (EPA 300.0)	<1.0		1.0	0.47	mg/L			03/09/25 06:48	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	530		5.0	3.7	mg/L			03/05/25 12:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			03/05/25 12:15	1
Total Dissolved Solids (SM 2540C)	620		10	4.3	mg/L			03/06/25 15:41	1
Fluoride (SM 4500 F C)	0.40		0.10	0.056	mg/L			03/10/25 13:42	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	6.43				ft			02/27/25 13:25	1
Field pH	7.44				SU			02/27/25 13:25	1
Field Temperature	9.8				Degrees C			02/27/25 13:25	1
Oxidation Reduction Potential	-117.73				millivolts			02/27/25 13:25	1
Oxygen, Dissolved	0.03				mg/L			02/27/25 13:25	1
Specific Conductance	1273				umhos/cm			02/27/25 13:25	1
Turbidity	24.32				NTU			02/27/25 13:25	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 42

Date Collected: 02/27/25 11:15
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-26

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0031**	**J**	0.0050	0.0020	mg/L		03/07/25 08:19	03/10/25 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		03/04/25 08:30	03/11/25 15:06	1
Arsenic	**0.019**		0.0010	0.00023	mg/L		03/04/25 08:30	03/11/25 15:06	1
Barium	**0.17**		0.0025	0.00073	mg/L		03/04/25 08:30	03/11/25 15:06	1
Beryllium	<0.0010	^1+	0.0010	0.00053	mg/L		03/04/25 08:30	03/11/25 15:06	1
Boron	**0.66**		0.050	0.013	mg/L		03/04/25 08:30	03/11/25 15:06	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		03/04/25 08:30	03/11/25 15:06	1
Calcium	**91**		0.20	0.044	mg/L		03/04/25 08:30	03/11/25 15:06	1
Chromium	<0.0050		0.0050	0.0011	mg/L		03/04/25 08:30	03/11/25 15:06	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		03/04/25 08:30	03/11/25 15:06	1
Lead	<0.00050		0.00050	0.00019	mg/L		03/04/25 08:30	03/11/25 15:06	1
Magnesium	**50**		0.20	0.049	mg/L		03/04/25 08:30	03/11/25 15:06	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		03/04/25 08:30	03/11/25 15:06	1
Potassium	**2.5**		0.50	0.11	mg/L		03/04/25 08:30	03/11/25 15:06	1
Selenium	<0.0025		0.0025	0.00098	mg/L		03/04/25 08:30	03/11/25 15:06	1
Sodium	**62**		0.20	0.077	mg/L		03/04/25 08:30	03/11/25 15:06	1
Thallium	<0.0020		0.0020	0.00057	mg/L		03/04/25 08:30	03/11/25 15:06	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		03/13/25 11:35	03/14/25 11:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**17**		2.0	0.84	mg/L			03/09/25 07:04	2
Sulfate (EPA 300.0)	**43**		2.0	0.94	mg/L			03/09/25 07:04	2
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**460**		5.0	3.7	mg/L			03/05/25 12:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			03/05/25 12:04	1
Total Dissolved Solids (SM 2540C)	**550**		10	4.3	mg/L			03/06/25 15:43	1
Fluoride (SM 4500 F C)	**0.54**		0.10	0.056	mg/L			03/10/25 13:47	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**26.43**				ft			02/27/25 11:15	1
Field pH	**7.45**				SU			02/27/25 11:15	1
Field Temperature	**10.9**				Degrees C			02/27/25 11:15	1
Oxidation Reduction Potential	**-180.3**				millivolts			02/27/25 11:15	1
Oxygen, Dissolved	**0.21**				mg/L			02/27/25 11:15	1
Specific Conductance	**1018**				umhos/cm			02/27/25 11:15	1
Turbidity	**7.53**				NTU			02/27/25 11:15	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 43

Date Collected: 02/27/25 13:10
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-27

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.011**		0.0050	0.0020	mg/L		03/07/25 08:19	03/10/25 16:06	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		03/04/25 08:30	03/11/25 15:18	1
Arsenic	**0.011**		0.0010	0.00023	mg/L		03/04/25 08:30	03/11/25 15:18	1
Barium	**0.34**		0.0025	0.00073	mg/L		03/04/25 08:30	03/11/25 15:18	1
Beryllium	<0.0010	^1+	0.0010	0.00053	mg/L		03/04/25 08:30	03/11/25 15:18	1
Boron	**1.1**		0.050	0.013	mg/L		03/04/25 08:30	03/11/25 15:18	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		03/04/25 08:30	03/11/25 15:18	1
Calcium	**98**		0.20	0.044	mg/L		03/04/25 08:30	03/11/25 15:18	1
Chromium	<0.0050		0.0050	0.0011	mg/L		03/04/25 08:30	03/11/25 15:18	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		03/04/25 08:30	03/11/25 15:18	1
Lead	<0.00050		0.00050	0.00019	mg/L		03/04/25 08:30	03/11/25 15:18	1
Magnesium	**54**		0.20	0.049	mg/L		03/04/25 08:30	03/11/25 15:18	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		03/04/25 08:30	03/11/25 15:18	1
Potassium	**9.3**		0.50	0.11	mg/L		03/04/25 08:30	03/11/25 15:18	1
Selenium	<0.0025		0.0025	0.00098	mg/L		03/04/25 08:30	03/11/25 15:18	1
Sodium	**130**		0.20	0.077	mg/L		03/04/25 08:30	03/11/25 15:18	1
Thallium	<0.0020		0.0020	0.00057	mg/L		03/04/25 08:30	03/11/25 15:18	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		03/13/25 11:35	03/14/25 11:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**62**		5.0	2.1	mg/L			03/09/25 07:50	5
Sulfate (EPA 300.0)	**120**		5.0	2.3	mg/L			03/09/25 07:50	5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**500**		5.0	3.7	mg/L			03/05/25 11:52	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	3.7	mg/L			03/05/25 11:52	1
Total Dissolved Solids (SM 2540C)	**790**		10	4.3	mg/L			03/06/25 15:48	1
Fluoride (SM 4500 F C)	**0.47**		0.10	0.056	mg/L			03/10/25 14:09	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**16.38**				ft			02/27/25 13:10	1
Field pH	**7.61**				SU			02/27/25 13:10	1
Field Temperature	**11.2**				Degrees C			02/27/25 13:10	1
Oxidation Reduction Potential	**-127.5**				millivolts			02/27/25 13:10	1
Oxygen, Dissolved	**3.75**				mg/L			02/27/25 13:10	1
Specific Conductance	**1393**				umhos/cm			02/27/25 13:10	1
Turbidity	**15.89**				NTU			02/27/25 13:10	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: YSG01

Date Collected: 02/24/25 10:51
Date Received: 02/27/25 09:51

Lab Sample ID: 500-264493-32

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)	18.33				ft			02/24/25 10:51	1

Definitions/Glossary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Qualifiers

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high 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
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-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Metals

Prep Batch: 807898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total Recoverable	Water	3005A	
MB 500-807898/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-807898/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-264493-3 MS	21	Total Recoverable	Water	3005A	
500-264493-3 MSD	21	Total Recoverable	Water	3005A	
500-264493-3 DU	21	Total Recoverable	Water	3005A	

Prep Batch: 807952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total/NA	Water	7470A	
MB 500-807952/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-807952/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-264493-3 MS	21	Total/NA	Water	7470A	
500-264493-3 MSD	21	Total/NA	Water	7470A	
500-264493-3 DU	21	Total/NA	Water	7470A	

Prep Batch: 808055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total Recoverable	Water	200.7	
500-264493-4	02	Total Recoverable	Water	200.7	
500-264493-5	04	Total Recoverable	Water	200.7	
500-264493-6	04_FD	Total Recoverable	Water	200.7	
500-264493-7	07R	Total Recoverable	Water	200.7	
500-264493-8	20	Total Recoverable	Water	200.7	
500-264493-9	34	Total Recoverable	Water	200.7	
500-264493-10	36	Total Recoverable	Water	200.7	
500-264493-11	37	Total Recoverable	Water	200.7	
500-264493-12	37_FD	Total Recoverable	Water	200.7	
500-264493-13	38	Total Recoverable	Water	200.7	
500-264493-16	ND3	Total Recoverable	Water	200.7	
MB 500-808055/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 500-808055/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
500-264493-3 MS	21	Total Recoverable	Water	200.7	
500-264493-3 MSD	21	Total Recoverable	Water	200.7	
500-264493-3 DU	21	Total Recoverable	Water	200.7	

Prep Batch: 808062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-4	02	Total Recoverable	Water	3005A	
500-264493-5	04	Total Recoverable	Water	3005A	
500-264493-6	04_FD	Total Recoverable	Water	3005A	
500-264493-7	07R	Total Recoverable	Water	3005A	
500-264493-8	20	Total Recoverable	Water	3005A	
500-264493-9	34	Total Recoverable	Water	3005A	
500-264493-10	36	Total Recoverable	Water	3005A	
500-264493-11	37	Total Recoverable	Water	3005A	
500-264493-12	37_FD	Total Recoverable	Water	3005A	
500-264493-13	38	Total Recoverable	Water	3005A	
500-264493-16	ND3	Total Recoverable	Water	3005A	
MB 500-808062/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-808062/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Metals

Analysis Batch: 808139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total/NA	Water	7470A	807952
MB 500-807952/12-A	Method Blank	Total/NA	Water	7470A	807952
LCS 500-807952/13-A	Lab Control Sample	Total/NA	Water	7470A	807952
500-264493-3 MS	21	Total/NA	Water	7470A	807952
500-264493-3 MSD	21	Total/NA	Water	7470A	807952
500-264493-3 DU	21	Total/NA	Water	7470A	807952

Prep Batch: 808381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-4	02	Total/NA	Water	7470A	
500-264493-5	04	Total/NA	Water	7470A	
500-264493-6	04_FD	Total/NA	Water	7470A	
500-264493-7	07R	Total/NA	Water	7470A	
500-264493-8	20	Total/NA	Water	7470A	
500-264493-9	34	Total/NA	Water	7470A	
500-264493-10	36	Total/NA	Water	7470A	
500-264493-11	37	Total/NA	Water	7470A	
500-264493-12	37_FD	Total/NA	Water	7470A	
500-264493-13	38	Total/NA	Water	7470A	
500-264493-16	ND3	Total/NA	Water	7470A	
MB 500-808381/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-808381/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-264493-10 MS	36	Total/NA	Water	7470A	
500-264493-10 MSD	36	Total/NA	Water	7470A	
500-264493-10 DU	36	Total/NA	Water	7470A	

Prep Batch: 808468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-18	03R	Total Recoverable	Water	3005A	
500-264493-19	05	Total Recoverable	Water	3005A	
500-264493-20	08R	Total Recoverable	Water	3005A	
500-264493-21	17	Total Recoverable	Water	3005A	
500-264493-24	41	Total Recoverable	Water	3005A	
500-264493-25	41_FD	Total Recoverable	Water	3005A	
500-264493-26	42	Total Recoverable	Water	3005A	
500-264493-27	43	Total Recoverable	Water	3005A	
MB 500-808468/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-808468/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-264493-26 MS	42	Total Recoverable	Water	3005A	
500-264493-26 MSD	42	Total Recoverable	Water	3005A	
500-264493-26 DU	42	Total Recoverable	Water	3005A	

Analysis Batch: 808547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-4	02	Total/NA	Water	7470A	808381
500-264493-5	04	Total/NA	Water	7470A	808381
500-264493-6	04_FD	Total/NA	Water	7470A	808381
500-264493-7	07R	Total/NA	Water	7470A	808381
500-264493-8	20	Total/NA	Water	7470A	808381
500-264493-9	34	Total/NA	Water	7470A	808381
500-264493-10	36	Total/NA	Water	7470A	808381

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Metals (Continued)

Analysis Batch: 808547 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-11	37	Total/NA	Water	7470A	808381
500-264493-12	37_FD	Total/NA	Water	7470A	808381
500-264493-13	38	Total/NA	Water	7470A	808381
500-264493-16	ND3	Total/NA	Water	7470A	808381
MB 500-808381/12-A	Method Blank	Total/NA	Water	7470A	808381
LCS 500-808381/13-A	Lab Control Sample	Total/NA	Water	7470A	808381
500-264493-10 MS	36	Total/NA	Water	7470A	808381
500-264493-10 MSD	36	Total/NA	Water	7470A	808381
500-264493-10 DU	36	Total/NA	Water	7470A	808381

Analysis Batch: 808637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-4	02	Total Recoverable	Water	6020B	808062
500-264493-5	04	Total Recoverable	Water	6020B	808062
500-264493-6	04_FD	Total Recoverable	Water	6020B	808062
500-264493-7	07R	Total Recoverable	Water	6020B	808062
500-264493-8	20	Total Recoverable	Water	6020B	808062
500-264493-9	34	Total Recoverable	Water	6020B	808062
500-264493-10	36	Total Recoverable	Water	6020B	808062
500-264493-11	37	Total Recoverable	Water	6020B	808062
500-264493-12	37_FD	Total Recoverable	Water	6020B	808062
500-264493-13	38	Total Recoverable	Water	6020B	808062
500-264493-16	ND3	Total Recoverable	Water	6020B	808062
MB 500-808062/1-A	Method Blank	Total Recoverable	Water	6020B	808062
LCS 500-808062/2-A	Lab Control Sample	Total Recoverable	Water	6020B	808062

Analysis Batch: 808948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-4	02	Total Recoverable	Water	6020B	808062
500-264493-5	04	Total Recoverable	Water	6020B	808062
500-264493-6	04_FD	Total Recoverable	Water	6020B	808062
500-264493-7	07R	Total Recoverable	Water	6020B	808062
500-264493-8	20	Total Recoverable	Water	6020B	808062
500-264493-9	34	Total Recoverable	Water	6020B	808062
500-264493-10	36	Total Recoverable	Water	6020B	808062
500-264493-11	37	Total Recoverable	Water	6020B	808062
500-264493-12	37_FD	Total Recoverable	Water	6020B	808062
500-264493-13	38	Total Recoverable	Water	6020B	808062
500-264493-16	ND3	Total Recoverable	Water	6020B	808062

Prep Batch: 809019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-18	03R	Total Recoverable	Water	200.7	
500-264493-19	05	Total Recoverable	Water	200.7	
500-264493-20	08R	Total Recoverable	Water	200.7	
500-264493-21	17	Total Recoverable	Water	200.7	
500-264493-24	41	Total Recoverable	Water	200.7	
500-264493-25	41_FD	Total Recoverable	Water	200.7	
500-264493-26	42	Total Recoverable	Water	200.7	
500-264493-27	43	Total Recoverable	Water	200.7	
MB 500-809019/1-A	Method Blank	Total Recoverable	Water	200.7	

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Metals (Continued)

Prep Batch: 809019 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-809019/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
500-264493-26 MS	42	Total Recoverable	Water	200.7	
500-264493-26 MSD	42	Total Recoverable	Water	200.7	
500-264493-26 DU	42	Total Recoverable	Water	200.7	

Analysis Batch: 809405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-18	03R	Total Recoverable	Water	200.7 Rev 4.4	809019
500-264493-19	05	Total Recoverable	Water	200.7 Rev 4.4	809019
500-264493-20	08R	Total Recoverable	Water	200.7 Rev 4.4	809019
500-264493-21	17	Total Recoverable	Water	200.7 Rev 4.4	809019
500-264493-24	41	Total Recoverable	Water	200.7 Rev 4.4	809019
500-264493-25	41_FD	Total Recoverable	Water	200.7 Rev 4.4	809019
500-264493-26	42	Total Recoverable	Water	200.7 Rev 4.4	809019
500-264493-27	43	Total Recoverable	Water	200.7 Rev 4.4	809019
MB 500-809019/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	809019
LCS 500-809019/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	809019
500-264493-26 MS	42	Total Recoverable	Water	200.7 Rev 4.4	809019
500-264493-26 MSD	42	Total Recoverable	Water	200.7 Rev 4.4	809019
500-264493-26 DU	42	Total Recoverable	Water	200.7 Rev 4.4	809019

Analysis Batch: 809424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total Recoverable	Water	6020B	807898
500-264493-18	03R	Total Recoverable	Water	6020B	808468
500-264493-19	05	Total Recoverable	Water	6020B	808468
500-264493-20	08R	Total Recoverable	Water	6020B	808468
500-264493-21	17	Total Recoverable	Water	6020B	808468
500-264493-24	41	Total Recoverable	Water	6020B	808468
500-264493-25	41_FD	Total Recoverable	Water	6020B	808468
MB 500-807898/1-A	Method Blank	Total Recoverable	Water	6020B	807898
MB 500-808468/1-A	Method Blank	Total Recoverable	Water	6020B	808468
LCS 500-807898/2-A	Lab Control Sample	Total Recoverable	Water	6020B	807898
LCS 500-808468/2-A	Lab Control Sample	Total Recoverable	Water	6020B	808468
500-264493-3 MS	21	Total Recoverable	Water	6020B	807898
500-264493-3 MSD	21	Total Recoverable	Water	6020B	807898
500-264493-3 DU	21	Total Recoverable	Water	6020B	807898

Analysis Batch: 809570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-4	02	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-5	04	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-6	04_FD	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-7	07R	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-8	20	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-9	34	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-10	36	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-11	37	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-12	37_FD	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-13	38	Total Recoverable	Water	200.7 Rev 4.4	808055

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Metals (Continued)

Analysis Batch: 809570 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-16	ND3	Total Recoverable	Water	200.7 Rev 4.4	808055
MB 500-808055/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	808055
LCS 500-808055/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-3 MS	21	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-3 MSD	21	Total Recoverable	Water	200.7 Rev 4.4	808055
500-264493-3 DU	21	Total Recoverable	Water	200.7 Rev 4.4	808055

Analysis Batch: 809599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-18	03R	Total Recoverable	Water	6020B	808468
500-264493-19	05	Total Recoverable	Water	6020B	808468
500-264493-20	08R	Total Recoverable	Water	6020B	808468
500-264493-21	17	Total Recoverable	Water	6020B	808468
500-264493-24	41	Total Recoverable	Water	6020B	808468
500-264493-25	41_FD	Total Recoverable	Water	6020B	808468
500-264493-26	42	Total Recoverable	Water	6020B	808468
500-264493-27	43	Total Recoverable	Water	6020B	808468
MB 500-808468/1-A	Method Blank	Total Recoverable	Water	6020B	808468
LCS 500-808468/2-A	Lab Control Sample	Total Recoverable	Water	6020B	808468
500-264493-26 MS	42	Total Recoverable	Water	6020B	808468
500-264493-26 MSD	42	Total Recoverable	Water	6020B	808468
500-264493-26 DU	42	Total Recoverable	Water	6020B	808468

Analysis Batch: 809745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total Recoverable	Water	6020B	807898
500-264493-3 MS	21	Total Recoverable	Water	6020B	807898
500-264493-3 MSD	21	Total Recoverable	Water	6020B	807898
500-264493-3 DU	21	Total Recoverable	Water	6020B	807898

Prep Batch: 809826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-18	03R	Total/NA	Water	7470A	
500-264493-19	05	Total/NA	Water	7470A	
500-264493-20	08R	Total/NA	Water	7470A	
500-264493-21	17	Total/NA	Water	7470A	
500-264493-24	41	Total/NA	Water	7470A	
500-264493-25	41_FD	Total/NA	Water	7470A	
500-264493-26	42	Total/NA	Water	7470A	
500-264493-27	43	Total/NA	Water	7470A	
MB 500-809826/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-809826/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-264493-26 MS	42	Total/NA	Water	7470A	
500-264493-26 MSD	42	Total/NA	Water	7470A	
500-264493-26 DU	42	Total/NA	Water	7470A	

Analysis Batch: 809970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-18	03R	Total/NA	Water	7470A	809826
500-264493-19	05	Total/NA	Water	7470A	809826
500-264493-20	08R	Total/NA	Water	7470A	809826

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Metals (Continued)

Analysis Batch: 809970 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-21	17	Total/NA	Water	7470A	809826
500-264493-24	41	Total/NA	Water	7470A	809826
500-264493-25	41_FD	Total/NA	Water	7470A	809826
500-264493-26	42	Total/NA	Water	7470A	809826
500-264493-27	43	Total/NA	Water	7470A	809826
MB 500-809826/12-A	Method Blank	Total/NA	Water	7470A	809826
LCS 500-809826/13-A	Lab Control Sample	Total/NA	Water	7470A	809826
500-264493-26 MS	42	Total/NA	Water	7470A	809826
500-264493-26 MSD	42	Total/NA	Water	7470A	809826
500-264493-26 DU	42	Total/NA	Water	7470A	809826

General Chemistry

Analysis Batch: 808295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total/NA	Water	SM 2320B	
500-264493-4	02	Total/NA	Water	SM 2320B	
500-264493-5	04	Total/NA	Water	SM 2320B	
500-264493-6	04_FD	Total/NA	Water	SM 2320B	
500-264493-7	07R	Total/NA	Water	SM 2320B	
500-264493-8	20	Total/NA	Water	SM 2320B	
500-264493-9	34	Total/NA	Water	SM 2320B	
500-264493-10	36	Total/NA	Water	SM 2320B	
500-264493-11	37	Total/NA	Water	SM 2320B	
500-264493-12	37_FD	Total/NA	Water	SM 2320B	
500-264493-13	38	Total/NA	Water	SM 2320B	
500-264493-16	ND3	Total/NA	Water	SM 2320B	
MB 500-808295/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-808295/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 808359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total/NA	Water	SM 2540C	
MB 500-808359/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-808359/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-264493-3 MS	21	Total/NA	Water	SM 2540C	
500-264493-3 MSD	21	Total/NA	Water	SM 2540C	

Analysis Batch: 808495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-4	02	Total/NA	Water	SM 2540C	
500-264493-5	04	Total/NA	Water	SM 2540C	
500-264493-6	04_FD	Total/NA	Water	SM 2540C	
500-264493-7	07R	Total/NA	Water	SM 2540C	
500-264493-8	20	Total/NA	Water	SM 2540C	
500-264493-9	34	Total/NA	Water	SM 2540C	
500-264493-10	36	Total/NA	Water	SM 2540C	
500-264493-11	37	Total/NA	Water	SM 2540C	
500-264493-12	37_FD	Total/NA	Water	SM 2540C	
500-264493-13	38	Total/NA	Water	SM 2540C	
MB 500-808495/1	Method Blank	Total/NA	Water	SM 2540C	

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

General Chemistry (Continued)

Analysis Batch: 808495 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-808495/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 808561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-16	ND3	Total/NA	Water	SM 2540C	
MB 500-808561/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-808561/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 808783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-21	17	Total/NA	Water	SM 2320B	
500-264493-24	41	Total/NA	Water	SM 2320B	
500-264493-25	41_FD	Total/NA	Water	SM 2320B	
500-264493-26	42	Total/NA	Water	SM 2320B	
500-264493-27	43	Total/NA	Water	SM 2320B	
MB 500-808783/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-808783/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 808956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-18	03R	Total/NA	Water	SM 2540C	
500-264493-19	05	Total/NA	Water	SM 2540C	
500-264493-20	08R	Total/NA	Water	SM 2540C	
500-264493-21	17	Total/NA	Water	SM 2540C	
500-264493-24	41	Total/NA	Water	SM 2540C	
500-264493-25	41_FD	Total/NA	Water	SM 2540C	
500-264493-26	42	Total/NA	Water	SM 2540C	
500-264493-27	43	Total/NA	Water	SM 2540C	
MB 500-808956/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-808956/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-264493-26 MS	42	Total/NA	Water	SM 2540C	
500-264493-26 MSD	42	Total/NA	Water	SM 2540C	

Analysis Batch: 809059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total/NA	Water	SM 4500 F C	
500-264493-4	02	Total/NA	Water	SM 4500 F C	
500-264493-5	04	Total/NA	Water	SM 4500 F C	
500-264493-6	04_FD	Total/NA	Water	SM 4500 F C	
500-264493-7	07R	Total/NA	Water	SM 4500 F C	
500-264493-8	20	Total/NA	Water	SM 4500 F C	
500-264493-9	34	Total/NA	Water	SM 4500 F C	
500-264493-10	36	Total/NA	Water	SM 4500 F C	
500-264493-11	37	Total/NA	Water	SM 4500 F C	
500-264493-12	37_FD	Total/NA	Water	SM 4500 F C	
500-264493-13	38	Total/NA	Water	SM 4500 F C	
500-264493-16	ND3	Total/NA	Water	SM 4500 F C	
500-264493-18	03R	Total/NA	Water	SM 4500 F C	
500-264493-19	05	Total/NA	Water	SM 4500 F C	
MB 500-809059/31	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-809059/59	Method Blank	Total/NA	Water	SM 4500 F C	

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

General Chemistry (Continued)

Analysis Batch: 809059 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-809059/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-809059/60	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-264493-3 MS	21	Total/NA	Water	SM 4500 F C	
500-264493-3 MSD	21	Total/NA	Water	SM 4500 F C	

Analysis Batch: 809164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total/NA	Water	300.0	
MB 500-809164/3	Method Blank	Total/NA	Water	300.0	
LCS 500-809164/4	Lab Control Sample	Total/NA	Water	300.0	
500-264493-3 MS	21	Total/NA	Water	300.0	
500-264493-3 MSD	21	Total/NA	Water	300.0	

Analysis Batch: 809166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-24	41	Total/NA	Water	300.0	
500-264493-25	41_FD	Total/NA	Water	300.0	
500-264493-26	42	Total/NA	Water	300.0	
500-264493-27	43	Total/NA	Water	300.0	
MB 500-809166/3	Method Blank	Total/NA	Water	300.0	
LCS 500-809166/4	Lab Control Sample	Total/NA	Water	300.0	
500-264493-26 MS	42	Total/NA	Water	300.0	
500-264493-26 MSD	42	Total/NA	Water	300.0	

Analysis Batch: 809168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-4	02	Total/NA	Water	300.0	
500-264493-5	04	Total/NA	Water	300.0	
500-264493-6	04_FD	Total/NA	Water	300.0	
500-264493-7	07R	Total/NA	Water	300.0	
500-264493-7	07R	Total/NA	Water	300.0	
500-264493-8	20	Total/NA	Water	300.0	
500-264493-8	20	Total/NA	Water	300.0	
500-264493-9	34	Total/NA	Water	300.0	
500-264493-10	36	Total/NA	Water	300.0	
500-264493-10	36	Total/NA	Water	300.0	
500-264493-11	37	Total/NA	Water	300.0	
500-264493-11	37	Total/NA	Water	300.0	
500-264493-12	37_FD	Total/NA	Water	300.0	
500-264493-12	37_FD	Total/NA	Water	300.0	
500-264493-13	38	Total/NA	Water	300.0	
500-264493-16	ND3	Total/NA	Water	300.0	
500-264493-18	03R	Total/NA	Water	300.0	
500-264493-18	03R	Total/NA	Water	300.0	
500-264493-19	05	Total/NA	Water	300.0	
500-264493-19	05	Total/NA	Water	300.0	
500-264493-21	17	Total/NA	Water	300.0	
MB 500-809168/3	Method Blank	Total/NA	Water	300.0	
LCS 500-809168/4	Lab Control Sample	Total/NA	Water	300.0	
500-264493-4 MS	02	Total/NA	Water	300.0	
500-264493-4 MSD	02	Total/NA	Water	300.0	

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

General Chemistry

Analysis Batch: 809213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-18	03R	Total/NA	Water	SM 2320B	
500-264493-19	05	Total/NA	Water	SM 2320B	
500-264493-20	08R	Total/NA	Water	SM 2320B	
MB 500-809213/31	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-809213/4	Lab Control Sample	Total/NA	Water	SM 2320B	
500-264493-19 DU	05	Total/NA	Water	SM 2320B	

Analysis Batch: 809378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-20	08R	Total/NA	Water	SM 4500 F C	
500-264493-21	17	Total/NA	Water	SM 4500 F C	
500-264493-24	41	Total/NA	Water	SM 4500 F C	
500-264493-25	41_FD	Total/NA	Water	SM 4500 F C	
500-264493-26	42	Total/NA	Water	SM 4500 F C	
500-264493-27	43	Total/NA	Water	SM 4500 F C	
MB 500-809378/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-809378/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-809378/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-809378/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-264493-26 MS	42	Total/NA	Water	SM 4500 F C	
500-264493-26 MSD	42	Total/NA	Water	SM 4500 F C	

Analysis Batch: 809458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total/NA	Water	300.0	
500-264493-5	04	Total/NA	Water	300.0	
500-264493-6	04_FD	Total/NA	Water	300.0	
500-264493-16	ND3	Total/NA	Water	300.0	
MB 500-809458/3	Method Blank	Total/NA	Water	300.0	
MB 500-809458/35	Method Blank	Total/NA	Water	300.0	
LCS 500-809458/36	Lab Control Sample	Total/NA	Water	300.0	
LCS 500-809458/4	Lab Control Sample	Total/NA	Water	300.0	
500-264493-3 MS	21	Total/NA	Water	300.0	
500-264493-3 MSD	21	Total/NA	Water	300.0	

Analysis Batch: 809526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-20	08R	Total/NA	Water	300.0	
500-264493-21	17	Total/NA	Water	300.0	
500-264493-24	41	Total/NA	Water	300.0	
500-264493-25	41_FD	Total/NA	Water	300.0	
MB 500-809526/3	Method Blank	Total/NA	Water	300.0	
LCS 500-809526/4	Lab Control Sample	Total/NA	Water	300.0	
500-264493-20 MS	08R	Total/NA	Water	300.0	
500-264493-20 MSD	08R	Total/NA	Water	300.0	

Analysis Batch: 809688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-20	08R	Total/NA	Water	300.0	
MB 500-809688/3	Method Blank	Total/NA	Water	300.0	
LCS 500-809688/4	Lab Control Sample	Total/NA	Water	300.0	

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Field Service / Mobile Lab

Analysis Batch: 809476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-3	21	Total/NA	Water	Field Sampling	
500-264493-4	02	Total/NA	Water	Field Sampling	
500-264493-5	04	Total/NA	Water	Field Sampling	
500-264493-6	04_FD	Total/NA	Water	Field Sampling	
500-264493-7	07R	Total/NA	Water	Field Sampling	
500-264493-8	20	Total/NA	Water	Field Sampling	
500-264493-9	34	Total/NA	Water	Field Sampling	
500-264493-10	36	Total/NA	Water	Field Sampling	
500-264493-11	37	Total/NA	Water	Field Sampling	
500-264493-12	37_FD	Total/NA	Water	Field Sampling	
500-264493-13	38	Total/NA	Water	Field Sampling	
500-264493-16	ND3	Total/NA	Water	Field Sampling	
500-264493-18	03R	Total/NA	Water	Field Sampling	
500-264493-19	05	Total/NA	Water	Field Sampling	
500-264493-20	08R	Total/NA	Water	Field Sampling	
500-264493-21	17	Total/NA	Water	Field Sampling	
500-264493-24	41	Total/NA	Water	Field Sampling	
500-264493-25	41_FD	Total/NA	Water	Field Sampling	
500-264493-26	42	Total/NA	Water	Field Sampling	
500-264493-27	43	Total/NA	Water	Field Sampling	
500-264493-32	YSG01	Total/NA	Water	Field Sampling	

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 500-808055/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809570 — **Prep Batch: 808055**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		02/28/25 08:24	03/11/25 16:53	1

Lab Sample ID: LCS 500-808055/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809570 — **Prep Batch: 808055**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.250	0.260		mg/L		104	85 - 115

Lab Sample ID: 500-264493-3 MS — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809570 — **Prep Batch: 808055**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0024	J	0.250	0.264		mg/L		105	70 - 130

Lab Sample ID: 500-264493-3 MSD — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809570 — **Prep Batch: 808055**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0024	J	0.250	0.260		mg/L		103	70 - 130	2	20

Lab Sample ID: 500-264493-3 DU — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809570 — **Prep Batch: 808055**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lithium	0.0024	J	0.00304	J F5	mg/L		24	20

Lab Sample ID: MB 500-809019/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809405 — **Prep Batch: 809019**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0050		0.0050	0.0020	mg/L		03/07/25 08:19	03/10/25 13:15	1

Lab Sample ID: LCS 500-809019/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809405 — **Prep Batch: 809019**

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

Lab Sample ID: 500-264493-26 MS — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809405 — **Prep Batch: 809019**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0031	J	0.250	0.270		mg/L		107	70 - 130

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: 500-264493-26 MSD — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809405 — **Prep Batch: 809019**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0031	J	0.250	0.269		mg/L		106	70 - 130	0	20

Lab Sample ID: 500-264493-26 DU — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809405 — **Prep Batch: 809019**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Lithium	0.0031	J		0.00252	J F5	mg/L				21	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-807898/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809424 — **Prep Batch: 807898**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		02/27/25 08:23	03/10/25 12:40	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		02/27/25 08:23	03/10/25 12:40	1
Barium	<0.0025		0.0025	0.00073	mg/L		02/27/25 08:23	03/10/25 12:40	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/27/25 08:23	03/10/25 12:40	1
Boron	0.0183	J	0.050	0.013	mg/L		02/27/25 08:23	03/10/25 12:40	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/27/25 08:23	03/10/25 12:40	1
Calcium	<0.20		0.20	0.044	mg/L		02/27/25 08:23	03/10/25 12:40	1
Chromium	<0.0050		0.0050	0.0011	mg/L		02/27/25 08:23	03/10/25 12:40	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		02/27/25 08:23	03/10/25 12:40	1
Lead	<0.00050		0.00050	0.00019	mg/L		02/27/25 08:23	03/10/25 12:40	1
Magnesium	<0.20		0.20	0.049	mg/L		02/27/25 08:23	03/10/25 12:40	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		02/27/25 08:23	03/10/25 12:40	1
Potassium	<0.50		0.50	0.11	mg/L		02/27/25 08:23	03/10/25 12:40	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/27/25 08:23	03/10/25 12:40	1
Sodium	<0.20		0.20	0.077	mg/L		02/27/25 08:23	03/10/25 12:40	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/27/25 08:23	03/10/25 12:40	1

Lab Sample ID: LCS 500-807898/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809424 — **Prep Batch: 807898**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.532		mg/L		106	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Barium	0.500	0.525		mg/L		105	80 - 120
Beryllium	0.0500	0.0546		mg/L		109	80 - 120
Boron	1.00	1.13		mg/L		113	80 - 120
Cadmium	0.0500	0.0537		mg/L		107	80 - 120
Calcium	10.0	9.57		mg/L		96	80 - 120
Chromium	0.200	0.220		mg/L		110	80 - 120
Cobalt	0.500	0.556		mg/L		111	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Magnesium	10.0	11.1		mg/L		111	80 - 120

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

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

Lab Sample ID: LCS 500-807898/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809424 — **Prep Batch: 807898**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Molybdenum	1.00	1.04		mg/L		104	80 - 120
Potassium	10.0	10.9		mg/L		109	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Sodium	10.0	10.9		mg/L		109	80 - 120
Thallium	0.100	0.109		mg/L		109	80 - 120

Lab Sample ID: 500-264493-3 MS — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809424 — **Prep Batch: 807898**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.549		mg/L		110	75 - 125
Arsenic	0.072		0.100	0.156		mg/L		84	75 - 125
Barium	0.13		0.500	0.677		mg/L		109	75 - 125
Beryllium	<0.0010		0.0500	0.0552		mg/L		110	75 - 125
Cadmium	<0.00050		0.0500	0.0546		mg/L		109	75 - 125
Calcium	70		10.0	76.8	4	mg/L		67	75 - 125
Chromium	<0.0050		0.200	0.216		mg/L		108	75 - 125
Cobalt	<0.0010		0.500	0.547		mg/L		109	75 - 125
Lead	0.00029	J	0.100	0.109		mg/L		108	75 - 125
Magnesium	32		10.0	41.5		mg/L		91	75 - 125
Molybdenum	0.0035	J	1.00	1.07		mg/L		107	75 - 125
Potassium	2.3		10.0	13.1		mg/L		108	75 - 125
Selenium	<0.0025		0.100	0.102		mg/L		102	75 - 125
Sodium	57		10.0	65.9	4	mg/L		87	75 - 125
Thallium	<0.0020		0.100	0.112		mg/L		112	75 - 125

Lab Sample ID: 500-264493-3 MS — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809745 — **Prep Batch: 807898**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.85	B	1.00	1.95		mg/L		110	75 - 125

Lab Sample ID: 500-264493-3 MSD — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809424 — **Prep Batch: 807898**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.555		mg/L		111	75 - 125	1	20
Arsenic	0.072		0.100	0.164		mg/L		93	75 - 125	5	20
Barium	0.13		0.500	0.692		mg/L		112	75 - 125	2	20
Beryllium	<0.0010		0.0500	0.0555		mg/L		111	75 - 125	1	20
Cadmium	<0.00050		0.0500	0.0553		mg/L		111	75 - 125	1	20
Calcium	70		10.0	78.4	4	mg/L		83	75 - 125	2	20
Chromium	<0.0050		0.200	0.221		mg/L		110	75 - 125	2	20
Cobalt	<0.0010		0.500	0.555		mg/L		111	75 - 125	2	20
Lead	0.00029	J	0.100	0.110		mg/L		109	75 - 125	1	20
Magnesium	32		10.0	42.1		mg/L		97	75 - 125	2	20

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

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

Lab Sample ID: 500-264493-3 MSD — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809424 — **Prep Batch: 807898**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Molybdenum	0.0035	J	1.00	1.09		mg/L		109	75 - 125	2	20
Potassium	2.3		10.0	13.2		mg/L		109	75 - 125	1	20
Selenium	<0.0025		0.100	0.0988		mg/L		99	75 - 125	3	20
Sodium	57		10.0	66.8	4	mg/L		97	75 - 125	1	20
Thallium	<0.0020		0.100	0.113		mg/L		113	75 - 125	2	20

Lab Sample ID: 500-264493-3 MSD — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809745 — **Prep Batch: 807898**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.85	B	1.00	1.95		mg/L		110	75 - 125	0	20

Lab Sample ID: 500-264493-3 DU — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809424 — **Prep Batch: 807898**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Antimony	<0.0030			<0.0030		mg/L				NC	20
Arsenic	0.072			0.0704		mg/L				2	20
Barium	0.13			0.129		mg/L				2	20
Beryllium	<0.0010			<0.0010		mg/L				NC	20
Cadmium	<0.00050			<0.00050		mg/L				NC	20
Calcium	70			69.3		mg/L				1	20
Chromium	<0.0050			<0.0050		mg/L				NC	20
Cobalt	<0.0010			<0.0010		mg/L				NC	20
Lead	0.00029	J		<0.00050		mg/L				NC	20
Magnesium	32			32.0		mg/L				1	20
Molybdenum	0.0035	J		0.00357	J	mg/L				1	20
Potassium	2.3			2.24		mg/L				3	20
Selenium	<0.0025			<0.0025		mg/L				NC	20
Sodium	57			56.3		mg/L				1	20
Thallium	<0.0020			<0.0020		mg/L				NC	20

Lab Sample ID: 500-264493-3 DU — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809745 — **Prep Batch: 807898**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Boron	0.85	B		0.859		mg/L				0.6	20

Lab Sample ID: MB 500-808062/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 808637 — **Prep Batch: 808062**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		02/28/25 08:28	03/04/25 13:07	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		02/28/25 08:28	03/04/25 13:07	1
Barium	<0.0025		0.0025	0.00073	mg/L		02/28/25 08:28	03/04/25 13:07	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		02/28/25 08:28	03/04/25 13:07	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

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

Lab Sample ID: MB 500-808062/1-A
Matrix: Water
Analysis Batch: 808637

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 808062

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050	0.013	mg/L		02/28/25 08:28	03/04/25 13:07	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		02/28/25 08:28	03/04/25 13:07	1
Calcium	<0.20		0.20	0.044	mg/L		02/28/25 08:28	03/04/25 13:07	1
Chromium	<0.0050		0.0050	0.0011	mg/L		02/28/25 08:28	03/04/25 13:07	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		02/28/25 08:28	03/04/25 13:07	1
Lead	<0.00050		0.00050	0.00019	mg/L		02/28/25 08:28	03/04/25 13:07	1
Magnesium	<0.20		0.20	0.049	mg/L		02/28/25 08:28	03/04/25 13:07	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		02/28/25 08:28	03/04/25 13:07	1
Potassium	<0.50		0.50	0.11	mg/L		02/28/25 08:28	03/04/25 13:07	1
Selenium	<0.0025		0.0025	0.00098	mg/L		02/28/25 08:28	03/04/25 13:07	1
Sodium	0.398		0.20	0.077	mg/L		02/28/25 08:28	03/04/25 13:07	1
Thallium	<0.0020		0.0020	0.00057	mg/L		02/28/25 08:28	03/04/25 13:07	1

Lab Sample ID: LCS 500-808062/2-A
Matrix: Water
Analysis Batch: 808637

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 808062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.526		mg/L		105	80 - 120
Arsenic	0.100	0.0990		mg/L		99	80 - 120
Barium	0.500	0.512		mg/L		102	80 - 120
Beryllium	0.0500	0.0514		mg/L		103	80 - 120
Boron	1.00	1.05		mg/L		105	80 - 120
Cadmium	0.0500	0.0514		mg/L		103	80 - 120
Calcium	10.0	9.31		mg/L		93	80 - 120
Chromium	0.200	0.209		mg/L		105	80 - 120
Cobalt	0.500	0.524		mg/L		105	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Magnesium	10.0	10.4		mg/L		104	80 - 120
Molybdenum	1.00	0.984		mg/L		98	80 - 120
Potassium	10.0	10.5		mg/L		105	80 - 120
Selenium	0.100	0.103		mg/L		103	80 - 120
Sodium	10.0	10.2		mg/L		102	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: MB 500-808468/1-A
Matrix: Water
Analysis Batch: 809424

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 808468

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		03/04/25 08:30	03/10/25 13:55	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		03/04/25 08:30	03/10/25 13:55	1
Barium	<0.0025		0.0025	0.00073	mg/L		03/04/25 08:30	03/10/25 13:55	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		03/04/25 08:30	03/10/25 13:55	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		03/04/25 08:30	03/10/25 13:55	1
Calcium	0.429		0.20	0.044	mg/L		03/04/25 08:30	03/10/25 13:55	1
Chromium	<0.0050		0.0050	0.0011	mg/L		03/04/25 08:30	03/10/25 13:55	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		03/04/25 08:30	03/10/25 13:55	1
Lead	<0.00050		0.00050	0.00019	mg/L		03/04/25 08:30	03/10/25 13:55	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

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

Lab Sample ID: MB 500-808468/1-A
Matrix: Water
Analysis Batch: 809424

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 808468

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.20		0.20	0.049	mg/L		03/04/25 08:30	03/10/25 13:55	1
Molybdenum	<0.0050		0.0050	0.0025	mg/L		03/04/25 08:30	03/10/25 13:55	1
Potassium	<0.50		0.50	0.11	mg/L		03/04/25 08:30	03/10/25 13:55	1
Selenium	<0.0025		0.0025	0.00098	mg/L		03/04/25 08:30	03/10/25 13:55	1
Sodium	<0.20		0.20	0.077	mg/L		03/04/25 08:30	03/10/25 13:55	1
Thallium	<0.0020		0.0020	0.00057	mg/L		03/04/25 08:30	03/10/25 13:55	1

Lab Sample ID: MB 500-808468/1-A
Matrix: Water
Analysis Batch: 809599

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 808468

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050	0.013	mg/L		03/04/25 08:30	03/11/25 14:37	1

Lab Sample ID: LCS 500-808468/2-A
Matrix: Water
Analysis Batch: 809424

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 808468

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.551		mg/L		110	80 - 120
Arsenic	0.100	0.0996		mg/L		100	80 - 120
Barium	0.500	0.531		mg/L		106	80 - 120
Beryllium	0.0500	0.0517		mg/L		103	80 - 120
Cadmium	0.0500	0.0520		mg/L		104	80 - 120
Calcium	10.0	9.41		mg/L		94	80 - 120
Chromium	0.200	0.212		mg/L		106	80 - 120
Cobalt	0.500	0.546		mg/L		109	80 - 120
Lead	0.100	0.105		mg/L		105	80 - 120
Magnesium	10.0	11.0		mg/L		110	80 - 120
Molybdenum	1.00	1.02		mg/L		102	80 - 120
Potassium	10.0	10.8		mg/L		108	80 - 120
Selenium	0.100	0.0989		mg/L		99	80 - 120
Sodium	10.0	10.6		mg/L		106	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 500-808468/2-A
Matrix: Water
Analysis Batch: 809599

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 808468

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.06		mg/L		106	80 - 120

Lab Sample ID: 500-264493-26 MS
Matrix: Water
Analysis Batch: 809599

Client Sample ID: 42
Prep Type: Total Recoverable
Prep Batch: 808468

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0030		0.500	0.536		mg/L		107	75 - 125
Arsenic	0.019		0.100	0.124		mg/L		105	75 - 125
Barium	0.17		0.500	0.711		mg/L		109	75 - 125

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

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

Lab Sample ID: 500-264493-26 MS — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809599 — **Prep Batch: 808468**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.0010	^1+	0.0500	0.0538	^1+	mg/L		108	75 - 125
Boron	0.66		1.00	1.72		mg/L		106	75 - 125
Cadmium	<0.00050		0.0500	0.0523		mg/L		105	75 - 125
Calcium	91		10.0	101	4	mg/L		98	75 - 125
Chromium	<0.0050		0.200	0.211		mg/L		105	75 - 125
Cobalt	<0.0010		0.500	0.538		mg/L		108	75 - 125
Lead	<0.00050		0.100	0.106		mg/L		106	75 - 125
Magnesium	50		10.0	60.5	4	mg/L		106	75 - 125
Molybdenum	<0.0050		1.00	1.06		mg/L		106	75 - 125
Potassium	2.5		10.0	13.3		mg/L		107	75 - 125
Selenium	<0.0025		0.100	0.105		mg/L		105	75 - 125
Sodium	62		10.0	72.6	4	mg/L		107	75 - 125
Thallium	<0.0020		0.100	0.110		mg/L		110	75 - 125

Lab Sample ID: 500-264493-26 MSD — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809599 — **Prep Batch: 808468**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.530		mg/L		106	75 - 125	1	20
Arsenic	0.019		0.100	0.121		mg/L		102	75 - 125	2	20
Barium	0.17		0.500	0.698		mg/L		106	75 - 125	2	20
Beryllium	<0.0010	^1+	0.0500	0.0534	^1+	mg/L		107	75 - 125	1	20
Boron	0.66		1.00	1.72		mg/L		106	75 - 125	0	20
Cadmium	<0.00050		0.0500	0.0516		mg/L		103	75 - 125	1	20
Calcium	91		10.0	101	4	mg/L		103	75 - 125	0	20
Chromium	<0.0050		0.200	0.206		mg/L		103	75 - 125	2	20
Cobalt	<0.0010		0.500	0.532		mg/L		106	75 - 125	1	20
Lead	<0.00050		0.100	0.105		mg/L		105	75 - 125	1	20
Magnesium	50		10.0	60.2	4	mg/L		104	75 - 125	0	20
Molybdenum	<0.0050		1.00	1.04		mg/L		104	75 - 125	2	20
Potassium	2.5		10.0	13.3		mg/L		108	75 - 125	0	20
Selenium	<0.0025		0.100	0.103		mg/L		103	75 - 125	1	20
Sodium	62		10.0	72.7	4	mg/L		108	75 - 125	0	20
Thallium	<0.0020		0.100	0.107		mg/L		107	75 - 125	3	20

Lab Sample ID: 500-264493-26 DU — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809599 — **Prep Batch: 808468**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.019		0.0191		mg/L		0.3	20
Barium	0.17		0.167		mg/L		0.3	20
Beryllium	<0.0010	^1+	<0.0010	^1+	mg/L		NC	20
Boron	0.66		0.646		mg/L		3	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Calcium	91		91.0		mg/L		0.1	20
Chromium	<0.0050		<0.0050		mg/L		NC	20

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

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

Lab Sample ID: 500-264493-26 DU — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 809599 — **Prep Batch: 808468**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cobalt	<0.0010			<0.0010		mg/L				NC	20
Lead	<0.00050			<0.00050		mg/L				NC	20
Magnesium	50			50.0		mg/L				0.3	20
Molybdenum	<0.0050			<0.0050		mg/L				NC	20
Potassium	2.5			2.53		mg/L				0.2	20
Selenium	<0.0025			<0.0025		mg/L				NC	20
Sodium	62			62.6		mg/L				1	20
Thallium	<0.0020			<0.0020		mg/L				NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-807952/12-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808139 — **Prep Batch: 807952**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		02/27/25 13:40	02/28/25 10:23	1

Lab Sample ID: LCS 500-807952/13-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808139 — **Prep Batch: 807952**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.00198		mg/L		99	80 - 120		

Lab Sample ID: 500-264493-3 MS — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808139 — **Prep Batch: 807952**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00020		0.000999	0.000985		mg/L		99	75 - 125		

Lab Sample ID: 500-264493-3 MSD — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808139 — **Prep Batch: 807952**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000970		mg/L		97	75 - 125	2	20

Lab Sample ID: 500-264493-3 DU — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808139 — **Prep Batch: 807952**

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

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

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

Lab Sample ID: MB 500-808381/12-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808547 — **Prep Batch: 808381**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		03/03/25 12:15	03/04/25 09:52	1

Lab Sample ID: LCS 500-808381/13-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808547 — **Prep Batch: 808381**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00205		mg/L		103	80 - 120

Lab Sample ID: 500-264493-10 MS — **Client Sample ID: 36**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808547 — **Prep Batch: 808381**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000958		mg/L		96	75 - 125

Lab Sample ID: 500-264493-10 MSD — **Client Sample ID: 36**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808547 — **Prep Batch: 808381**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000941		mg/L		94	75 - 125	2	20

Lab Sample ID: 500-264493-10 DU — **Client Sample ID: 36**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808547 — **Prep Batch: 808381**

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

Lab Sample ID: MB 500-809826/12-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809970 — **Prep Batch: 809826**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		03/13/25 11:35	03/14/25 10:34	1

Lab Sample ID: LCS 500-809826/13-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809970 — **Prep Batch: 809826**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00195		mg/L		98	80 - 120

Lab Sample ID: 500-264493-26 MS — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809970 — **Prep Batch: 809826**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000959		mg/L		96	75 - 125

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 500-264493-26 MSD — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809970 — **Prep Batch: 809826**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000966		mg/L		97	75 - 125	1	20

Lab Sample ID: 500-264493-26 DU — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809970 — **Prep Batch: 809826**

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 500-809164/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809164

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<1.0		1.0	0.47	mg/L			03/08/25 20:26	1

Lab Sample ID: LCS 500-809164/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809164

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			20.0	19.1		mg/L		95	90 - 110		

Lab Sample ID: 500-264493-3 MS — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	17		100	105		mg/L		89	80 - 120		

Lab Sample ID: 500-264493-3 MSD — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809164

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	17		100	107		mg/L		91	80 - 120	2	20

Lab Sample ID: MB 500-809166/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809166

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0	0.42	mg/L			03/09/25 06:01	1
Sulfate	<1.0		1.0	0.47	mg/L			03/09/25 06:01	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 500-809166/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809166

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			20.0	18.9		mg/L		94	90 - 110		
Sulfate			20.0	18.9		mg/L		95	90 - 110		

Lab Sample ID: 500-264493-26 MS — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809166

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	17		20.0	36.7		mg/L		97	80 - 120		
Sulfate	43		20.0	64.5		mg/L		106	80 - 120		

Lab Sample ID: 500-264493-26 MSD — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809166

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17		20.0	36.9		mg/L		98	80 - 120	1	20
Sulfate	43		20.0	64.8		mg/L		107	80 - 120	1	20

Lab Sample ID: MB 500-809168/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0	0.42	mg/L			03/08/25 15:32	1
Sulfate	<1.0		1.0	0.47	mg/L			03/08/25 15:32	1

Lab Sample ID: LCS 500-809168/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809168

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			20.0	19.2		mg/L		96	90 - 110		
Sulfate			20.0	19.7		mg/L		99	90 - 110		

Lab Sample ID: 500-264493-4 MS — **Client Sample ID: 02**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809168

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	48		20.0	65.8		mg/L		89	80 - 120		
Sulfate	18		20.0	36.3		mg/L		92	80 - 120		

Lab Sample ID: 500-264493-4 MSD — **Client Sample ID: 02**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809168

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	48		20.0	66.6		mg/L		93	80 - 120	1	20
Sulfate	18		20.0	36.8		mg/L		94	80 - 120	1	20

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-809458/3
Matrix: Water
Analysis Batch: 809458

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			03/11/25 13:32	1
Sulfate	<1.0		1.0	0.47	mg/L			03/11/25 13:32	1

Lab Sample ID: MB 500-809458/35
Matrix: Water
Analysis Batch: 809458

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			03/11/25 21:51	1
Sulfate	<1.0		1.0	0.47	mg/L			03/11/25 21:51	1

Lab Sample ID: LCS 500-809458/36
Matrix: Water
Analysis Batch: 809458

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.5		mg/L		98	90 - 110
Sulfate	20.0	19.9		mg/L		99	90 - 110

Lab Sample ID: LCS 500-809458/4
Matrix: Water
Analysis Batch: 809458

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.4		mg/L		97	90 - 110
Sulfate	20.0	19.9		mg/L		100	90 - 110

Lab Sample ID: 500-264493-3 MS
Matrix: Water
Analysis Batch: 809458

Client Sample ID: 21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.7		10.0	11.4		mg/L		96	80 - 120

Lab Sample ID: 500-264493-3 MSD
Matrix: Water
Analysis Batch: 809458

Client Sample ID: 21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.7		10.0	11.2		mg/L		95	80 - 120	1	20

Lab Sample ID: MB 500-809526/3
Matrix: Water
Analysis Batch: 809526

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			03/12/25 04:06	1
Sulfate	<1.0		1.0	0.47	mg/L			03/12/25 04:06	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 500-809526/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809526

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			20.0	19.7		mg/L		99	90 - 110		
Sulfate			20.0	20.1		mg/L		101	90 - 110		

Lab Sample ID: 500-264493-20 MS — **Client Sample ID: 08R**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809526

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	22	J	500	531		mg/L		102	80 - 120		
Sulfate	760		500	1280		mg/L		104	80 - 120		

Lab Sample ID: 500-264493-20 MSD — **Client Sample ID: 08R**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809526

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	22	J	500	532		mg/L		102	80 - 120	0	20
Sulfate	760		500	1270		mg/L		103	80 - 120	0	20

Lab Sample ID: MB 500-809688/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0	0.42	mg/L			03/13/25 10:03	1
Sulfate	<1.0		1.0	0.47	mg/L			03/13/25 10:03	1

Lab Sample ID: LCS 500-809688/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809688

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			20.0	19.6		mg/L		98	90 - 110		
Sulfate			20.0	20.0		mg/L		100	90 - 110		

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 500-808295/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808295

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			02/28/25 09:37	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			02/28/25 09:37	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 500-808295/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808295

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

Lab Sample ID: MB 500-808783/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808783

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			03/05/25 09:13	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			03/05/25 09:13	1

Lab Sample ID: LCS 500-808783/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808783

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

Lab Sample ID: MB 500-809213/31 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809213

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			03/09/25 14:04	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	3.7	mg/L			03/09/25 14:04	1

Lab Sample ID: LCS 500-809213/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809213

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

Lab Sample ID: 500-264493-19 DU — **Client Sample ID: 05**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809213

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Bicarbonate Alkalinity as CaCO3	260			263		mg/L				0.4	20
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	20

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

Lab Sample ID: MB 500-808359/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			03/03/25 11:46	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

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

Lab Sample ID: LCS 500-808359/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808359

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			250	252		mg/L		101	80 - 120		

Lab Sample ID: 500-264493-3 MS — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids	360		250	642		mg/L		111	75 - 125		

Lab Sample ID: 500-264493-3 MSD — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	360		250	628		mg/L		106	75 - 125	2	20

Lab Sample ID: MB 500-808495/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808495

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			03/04/25 09:02	1

Lab Sample ID: LCS 500-808495/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808495

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			250	254		mg/L		102	80 - 120		

Lab Sample ID: MB 500-808561/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			03/04/25 12:58	1

Lab Sample ID: LCS 500-808561/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808561

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			250	252		mg/L		101	80 - 120		

Lab Sample ID: MB 500-808956/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	4.3	mg/L			03/06/25 15:28	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

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

Lab Sample ID: LCS 500-808956/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808956

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			250	248		mg/L		99	80 - 120		

Lab Sample ID: 500-264493-26 MS — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808956

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids	550		250	786		mg/L		94	75 - 125		

Lab Sample ID: 500-264493-26 MSD — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 808956

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	550		250	812		mg/L		104	75 - 125	3	20

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-809059/31 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10	0.056	mg/L			03/06/25 14:29	1

Lab Sample ID: MB 500-809059/59 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10	0.056	mg/L			03/06/25 16:31	1

Lab Sample ID: LCS 500-809059/32 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809059

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride			10.0	10.1		mg/L		101	90 - 119		

Lab Sample ID: LCS 500-809059/60 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809059

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride			10.0	10.1		mg/L		101	90 - 119		

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 500-264493-3 MS — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809059

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	1.1		5.00	6.40		mg/L		107	75 - 125		

Lab Sample ID: 500-264493-3 MSD — **Client Sample ID: 21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809059

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	1.1		5.00	6.32		mg/L		105	75 - 125	1	20

Lab Sample ID: MB 500-809378/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809378

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10	0.056	mg/L			03/10/25 11:30	1

Lab Sample ID: MB 500-809378/31 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809378

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10	0.056	mg/L			03/10/25 13:33	1

Lab Sample ID: LCS 500-809378/32 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809378

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride			10.0	9.61		mg/L		96	90 - 119		

Lab Sample ID: LCS 500-809378/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809378

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride			10.0	9.67		mg/L		97	90 - 119		

Lab Sample ID: 500-264493-26 MS — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809378

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	0.54		5.00	5.36		mg/L		96	75 - 125		

Lab Sample ID: 500-264493-26 MSD — **Client Sample ID: 42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 809378

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.54		5.00	5.46		mg/L		98	75 - 125	2	20

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 21

Lab Sample ID: 500-264493-3
Date Collected: 02/25/25 15:20
Matrix: Water
Date Received: 02/26/25 12:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 17:21
Total Recoverable	Prep	3005A			807898	BDE	EET CHI	02/27/25 08:23 - 02/27/25 14:23 [1]
Total Recoverable	Analysis	6020B		1	809424	RN	EET CHI	03/10/25 12:55
Total Recoverable	Prep	3005A			807898	BDE	EET CHI	02/27/25 08:23 - 02/27/25 14:23 [1]
Total Recoverable	Analysis	6020B		1	809745	RN	EET CHI	03/12/25 13:11
Total/NA	Prep	7470A			807952	MJG	EET CHI	02/27/25 13:40 - 02/27/25 15:40 [1]
Total/NA	Analysis	7470A		1	808139	MJG	EET CHI	02/28/25 10:49
Total/NA	Analysis	300.0		10	809164	MM	EET CHI	03/08/25 21:44
Total/NA	Analysis	300.0		1	809458	MM	EET CHI	03/11/25 21:05
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 10:12
Total/NA	Analysis	SM 2540C		1	808359	SO	EET CHI	03/03/25 11:49
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 15:38
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/25/25 15:20

Client Sample ID: 02

Lab Sample ID: 500-264493-4
Date Collected: 02/26/25 11:55
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 17:51
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 13:31
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		1	808948	RN	EET CHI	03/06/25 11:18
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 [1]
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:03
Total/NA	Analysis	300.0		2	809168	MM	EET CHI	03/08/25 16:03
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 10:23
Total/NA	Analysis	SM 2540C		1	808495	SO	EET CHI	03/04/25 09:30
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 16:00
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 11:55

Client Sample ID: 04

Lab Sample ID: 500-264493-5
Date Collected: 02/26/25 12:30
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 17:56
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 13:34

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 04

Lab Sample ID: 500-264493-5
Date Collected: 02/26/25 12:30
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		5	808948	RN	EET CHI	03/06/25 11:21
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 [1]
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:10
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 16:49
Total/NA	Analysis	300.0		10	809458	MM	EET CHI	03/11/25 22:54
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 10:35
Total/NA	Analysis	SM 2540C		1	808495	SO	EET CHI	03/04/25 09:32
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 16:05
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 12:30

Client Sample ID: 04_FD

Lab Sample ID: 500-264493-6
Date Collected: 02/26/25 12:30
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 18:00
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 13:43
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		5	808948	RN	EET CHI	03/06/25 11:23
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 [1]
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:12
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 17:05
Total/NA	Analysis	300.0		10	809458	MM	EET CHI	03/11/25 23:09
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 10:45
Total/NA	Analysis	SM 2540C		1	808495	SO	EET CHI	03/04/25 09:35
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 16:09
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 12:30

Client Sample ID: 07R

Lab Sample ID: 500-264493-7
Date Collected: 02/26/25 10:40
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 18:05
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 13:56
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		50	808948	RN	EET CHI	03/06/25 11:26
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 [1]
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:14

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 07R

Lab Sample ID: 500-264493-7

Date Collected: 02/26/25 10:40
Date Received: 02/27/25 12:49

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 17:21
Total/NA	Analysis	300.0		100	809168	MM	EET CHI	03/08/25 17:36
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 10:56
Total/NA	Analysis	SM 2540C		1	808495	SO	EET CHI	03/04/25 09:37
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 16:14
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 10:40

Client Sample ID: 20

Lab Sample ID: 500-264493-8

Date Collected: 02/26/25 10:25
Date Received: 02/27/25 12:49

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 18:09
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 ¹
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 14:12
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 ¹
Total Recoverable	Analysis	6020B		1	808948	RN	EET CHI	03/06/25 11:28
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 ¹
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:17
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 17:52
Total/NA	Analysis	300.0		5	809168	MM	EET CHI	03/08/25 18:38
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 11:06
Total/NA	Analysis	SM 2540C		1	808495	SO	EET CHI	03/04/25 09:39
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 16:18
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 10:25

Client Sample ID: 34

Lab Sample ID: 500-264493-9

Date Collected: 02/26/25 11:15
Date Received: 02/27/25 12:49

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 18:14
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 ¹
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 14:15
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 ¹
Total Recoverable	Analysis	6020B		1	808948	RN	EET CHI	03/06/25 11:31
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 ¹
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:19
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 18:54
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 11:18
Total/NA	Analysis	SM 2540C		1	808495	SO	EET CHI	03/04/25 09:41

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 34

Lab Sample ID: 500-264493-9
Date Collected: 02/26/25 11:15
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 16:22
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 11:15

Client Sample ID: 36

Lab Sample ID: 500-264493-10
Date Collected: 02/26/25 08:50
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 18:18
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 ¹
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 14:25
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 ¹
Total Recoverable	Analysis	6020B		10	808948	RN	EET CHI	03/06/25 11:33
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 ¹
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:21
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 19:10
Total/NA	Analysis	300.0		100	809168	MM	EET CHI	03/08/25 19:25
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 11:29
Total/NA	Analysis	SM 2540C		1	808495	SO	EET CHI	03/04/25 09:43
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 16:27
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 08:50

Client Sample ID: 37

Lab Sample ID: 500-264493-11
Date Collected: 02/26/25 09:25
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 18:23
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 ¹
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 14:42
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 ¹
Total Recoverable	Analysis	6020B		1	808948	RN	EET CHI	03/06/25 11:36
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 ¹
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:30
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 19:41
Total/NA	Analysis	300.0		10	809168	MM	EET CHI	03/08/25 19:56
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 11:39
Total/NA	Analysis	SM 2540C		1	808495	SO	EET CHI	03/04/25 09:46
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 16:48
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 09:25

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 37_FD

Lab Sample ID: 500-264493-12
Date Collected: 02/26/25 09:30
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 18:36
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 14:44
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		1	808948	RN	EET CHI	03/06/25 11:38
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 [1]
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:36
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 20:12
Total/NA	Analysis	300.0		10	809168	MM	EET CHI	03/08/25 20:27
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 11:50
Total/NA	Analysis	SM 2540C		1	808495	SO	EET CHI	03/04/25 09:48
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 16:53
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 09:30

Client Sample ID: 38

Lab Sample ID: 500-264493-13
Date Collected: 02/26/25 09:30
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 18:41
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 14:46
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		1	808948	RN	EET CHI	03/06/25 11:40
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 [1]
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:39
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 20:43
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 12:01
Total/NA	Analysis	SM 2540C		1	808495	SO	EET CHI	03/04/25 09:50
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 16:57
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 09:30

Client Sample ID: ND3

Lab Sample ID: 500-264493-16
Date Collected: 02/26/25 14:40
Matrix: Water
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			808055	BDE	EET CHI	02/28/25 08:24 - 02/28/25 14:24 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809570	RB	EET CHI	03/11/25 18:54
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		1	808637	RN	EET CHI	03/04/25 14:54

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: ND3

Lab Sample ID: 500-264493-16

Date Collected: 02/26/25 14:40
Date Received: 02/27/25 12:49
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			808062	BDE	EET CHI	02/28/25 08:28 - 02/28/25 14:28 [1]
Total Recoverable	Analysis	6020B		50	808948	RN	EET CHI	03/06/25 11:53
Total/NA	Prep	7470A			808381	MJG	EET CHI	03/03/25 12:15 - 03/03/25 14:15 [1]
Total/NA	Analysis	7470A		1	808547	MJG	EET CHI	03/04/25 10:45
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 22:32
Total/NA	Analysis	300.0		100	809458	MM	EET CHI	03/11/25 23:25
Total/NA	Analysis	SM 2320B		1	808295	SO	EET CHI	02/28/25 12:35
Total/NA	Analysis	SM 2540C		1	808561	SO	EET CHI	03/04/25 13:21
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 17:20
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/26/25 14:40

Client Sample ID: 03R

Lab Sample ID: 500-264493-18

Date Collected: 02/27/25 14:10
Date Received: 02/28/25 13:18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			809019	BDE	EET CHI	03/07/25 08:19 - 03/07/25 14:19 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809405	RB	EET CHI	03/10/25 14:04
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 [1]
Total Recoverable	Analysis	6020B		1	809424	RN	EET CHI	03/10/25 14:00
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 [1]
Total Recoverable	Analysis	6020B		20	809599	RN	EET CHI	03/11/25 14:42
Total/NA	Prep	7470A			809826	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 [1]
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:38
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 23:19
Total/NA	Analysis	300.0		20	809168	MM	EET CHI	03/08/25 23:34
Total/NA	Analysis	SM 2320B		1	809213	AC	EET CHI	03/09/25 10:48
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:31
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 18:36
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/27/25 14:10

Client Sample ID: 05

Lab Sample ID: 500-264493-19

Date Collected: 02/27/25 12:45
Date Received: 02/28/25 13:18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			809019	BDE	EET CHI	03/07/25 08:19 - 03/07/25 14:19 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809405	RB	EET CHI	03/10/25 15:03
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 [1]
Total Recoverable	Analysis	6020B		1	809424	RN	EET CHI	03/10/25 14:27
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 [1]
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 14:44
Total/NA	Prep	7470A			809826	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 [1]
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:41

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 05

Lab Sample ID: 500-264493-19
Date Collected: 02/27/25 12:45
Matrix: Water
Date Received: 02/28/25 13:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	809168	MM	EET CHI	03/08/25 23:50
Total/NA	Analysis	300.0		10	809168	MM	EET CHI	03/09/25 00:05
Total/NA	Analysis	SM 2320B		1	809213	AC	EET CHI	03/09/25 10:58
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:32
Total/NA	Analysis	SM 4500 F C		1	809059	SO	EET CHI	03/06/25 18:41
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/27/25 12:45

Client Sample ID: 08R

Lab Sample ID: 500-264493-20
Date Collected: 02/27/25 14:50
Matrix: Water
Date Received: 02/28/25 13:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			809019	BDE	EET CHI	03/07/25 08:19 - 03/07/25 14:19 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	809405	RB	EET CHI	03/10/25 15:08
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 ¹
Total Recoverable	Analysis	6020B		1	809424	RN	EET CHI	03/10/25 14:29
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 ¹
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 14:46
Total/NA	Prep	7470A			809826	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:47
Total/NA	Analysis	300.0		50	809526	MB	EET CHI	03/12/25 04:37
Total/NA	Analysis	300.0		1	809688	MM	EET CHI	03/13/25 10:34
Total/NA	Analysis	SM 2320B		1	809213	AC	EET CHI	03/09/25 11:19
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:34
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 13:02
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/27/25 14:50

Client Sample ID: 17

Lab Sample ID: 500-264493-21
Date Collected: 02/27/25 09:40
Matrix: Water
Date Received: 02/28/25 13:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			809019	BDE	EET CHI	03/07/25 08:19 - 03/07/25 14:19 ¹
Total Recoverable	Analysis	200.7 Rev 4.4		1	809405	RB	EET CHI	03/10/25 15:12
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 ¹
Total Recoverable	Analysis	6020B		1	809424	RN	EET CHI	03/10/25 14:32
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 ¹
Total Recoverable	Analysis	6020B		5	809599	RN	EET CHI	03/11/25 14:49
Total/NA	Prep	7470A			809826	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 ¹
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:50
Total/NA	Analysis	300.0		5	809168	MM	EET CHI	03/09/25 01:08
Total/NA	Analysis	300.0		50	809526	MB	EET CHI	03/12/25 05:24
Total/NA	Analysis	SM 2320B		1	808783	AC	EET CHI	03/05/25 13:04

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 17

Lab Sample ID: 500-264493-21
Date Collected: 02/27/25 09:40
Matrix: Water
Date Received: 02/28/25 13:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:35
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 13:15
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/27/25 09:40

Client Sample ID: 41

Lab Sample ID: 500-264493-24
Date Collected: 02/27/25 13:20
Matrix: Water
Date Received: 02/28/25 13:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			809019	BDE	EET CHI	03/07/25 08:19 - 03/07/25 14:19 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809405	RB	EET CHI	03/10/25 15:35
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 [1]
Total Recoverable	Analysis	6020B		1	809424	RN	EET CHI	03/10/25 14:51
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 [1]
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 15:01
Total/NA	Prep	7470A			809826	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 [1]
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:56
Total/NA	Analysis	300.0		1	809166	MM	EET CHI	03/09/25 06:32
Total/NA	Analysis	300.0		5	809526	MB	EET CHI	03/12/25 05:55
Total/NA	Analysis	SM 2320B		1	808783	AC	EET CHI	03/05/25 12:29
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:40
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 13:29
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/27/25 13:20

Client Sample ID: 41_FD

Lab Sample ID: 500-264493-25
Date Collected: 02/27/25 13:25
Matrix: Water
Date Received: 02/28/25 13:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			809019	BDE	EET CHI	03/07/25 08:19 - 03/07/25 14:19 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809405	RB	EET CHI	03/10/25 15:39
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 [1]
Total Recoverable	Analysis	6020B		1	809424	RN	EET CHI	03/10/25 14:53
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 [1]
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 15:03
Total/NA	Prep	7470A			809826	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 [1]
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 10:58
Total/NA	Analysis	300.0		1	809166	MM	EET CHI	03/09/25 06:48
Total/NA	Analysis	300.0		5	809526	MB	EET CHI	03/12/25 06:11
Total/NA	Analysis	SM 2320B		1	808783	AC	EET CHI	03/05/25 12:15
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:41
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 13:42
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/27/25 13:25

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-3
SDG: VER_845_910-911

Client Sample ID: 42

Lab Sample ID: 500-264493-26
Matrix: Water

Date Collected: 02/27/25 11:15
Date Received: 02/28/25 13:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			809019	BDE	EET CHI	03/07/25 08:19 - 03/07/25 14:19 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809405	RB	EET CHI	03/10/25 15:44
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 [1]
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 15:06
Total/NA	Prep	7470A			809826	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 [1]
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 11:01
Total/NA	Analysis	300.0		2	809166	MM	EET CHI	03/09/25 07:04
Total/NA	Analysis	SM 2320B		1	808783	AC	EET CHI	03/05/25 12:04
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:43
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 13:47
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/27/25 11:15

Client Sample ID: 43

Lab Sample ID: 500-264493-27
Matrix: Water

Date Collected: 02/27/25 13:10
Date Received: 02/28/25 13:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			809019	BDE	EET CHI	03/07/25 08:19 - 03/07/25 14:19 [1]
Total Recoverable	Analysis	200.7 Rev 4.4		1	809405	RB	EET CHI	03/10/25 16:06
Total Recoverable	Prep	3005A			808468	BDE	EET CHI	03/04/25 08:30 - 03/04/25 14:30 [1]
Total Recoverable	Analysis	6020B		1	809599	RN	EET CHI	03/11/25 15:18
Total/NA	Prep	7470A			809826	MJG	EET CHI	03/13/25 11:35 - 03/13/25 13:35 [1]
Total/NA	Analysis	7470A		1	809970	MJG	EET CHI	03/14/25 11:14
Total/NA	Analysis	300.0		5	809166	MM	EET CHI	03/09/25 07:50
Total/NA	Analysis	SM 2320B		1	808783	AC	EET CHI	03/05/25 11:52
Total/NA	Analysis	SM 2540C		1	808956	SO	EET CHI	03/06/25 15:48
Total/NA	Analysis	SM 4500 F C		1	809378	AC	EET CHI	03/10/25 14:09
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/27/25 13:10

Client Sample ID: YSG01

Lab Sample ID: 500-264493-32
Matrix: Water

Date Collected: 02/24/25 10:51
Date Received: 02/27/25 09:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	809476	DN	EET CHI	02/24/25 10:51

[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-25Q1

Job ID: 500-264493-3
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	05-31-25

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

Analysis Method	Prep Method	Matrix	Analyte
200.7 Rev 4.4	200.7	Water	Lithium
Field Sampling		Water	Depth to Water (ft from MP)
Field Sampling		Water	Field pH
Field Sampling		Water	Field Temperature
Field Sampling		Water	Oxidation Reduction Potential
Field Sampling		Water	Oxygen, Dissolved
Field Sampling		Water	Specific Conductance
Field Sampling		Water	Turbidity
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3

500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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

500-264493 COC

Page 1 of 1

Section A Required Client Information:

Company:	Vistra Corp-Vermilion
Address:	10188 E 2150 North Rd
	Danville, IL 61834
Email To:	Brian.Voelker@VistraCorp.com
Phone:	(217) 753-8911
Fax:	
Requested Due Date/TAT	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp.com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912					Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	~~02~~	~~WT~~														X		X		X								
2	~~03R~~	~~WT~~														X		X		X								
3	~~04~~															X		X		X								
4	~~04_FD~~															X		X		X								
5	~~05~~															X		X		X								
6	~~07R~~															X		X		X								
7	~~08R~~															X		X		X								
8	~~101&~~															X		X		X								
9	~~103R~~															X		X		X								
10	~~10R~~															X	X				X	X						
11	16A	WT		2/25/25	1250											X	X				X	X						
12	16A_FD	WT		2/25/25	1255											X	X				X	X						
13	~~16IB~~															X	X				X	X						
14	~~17~~															X		X		X								
15	~~20~~															X		X		X								
16	~~01~~ GA 21	WT		2/25/25	1526											X		X		X								MS/MSD

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	George Assaller/ASE	2/26/25	0830	N. J. Ellair	2/26/25	1002	
	N. J. Ellair	2/26/25	1231	[illegible]	2/26/25	1231	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assaller

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY) 2/26/25

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

0.6-703

500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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Page 1 of 3

Section A Required Client Information:

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To	Brian.Voelker@VistraCorp.com
Phone	(217) 753-8911 Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To.	Brian Voelker
Copy To:	Dianna Tickner - dianna.tickner@vistracorp.com
Purchase Order No	
Project Name:	
Project Number:	50024222

Section C Invoice Information

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

500-264493 COC

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912	Residual Chlorine (Y/N)	Project No./ Lab I.D.
4 1	02	WT		2/26/25	1155											X		X		X				
2	03R															X		X		X				
5 3	04	WT		2/26/25	1230											X		X		X				
6 4	04_FD	WT		2/26/25	1230											X		X		X				
5	05															X		X		X				
7 6	07R	WT		2/26/25	1040											X		X		X				
7	08R															X		X		X				
8	101&															X		X		X				
9	103R															X		X		X				
10	10R															X	X				X	X		
11	16A															X	X				X	X		
12	16A_FD															X	X				X	X		
13	16!B															X	X				X	X		
14	17															X		X		X				
8 15	20	WT		2/26/25	1025											X		X		X				
16	21															X		X		X				MS/MSD

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	George Assaliny /A3E	2/27/25	0900	[illegible]	2/27/25	1019	
	[illegible]	2/27/25	1249	[illegible]	2/27/25	1249	

SAMPLER NAME AND SIGNATURE	George Assaliny
PRINT Name of SAMPLER	George Assaliny
SIGNATURE of SAMPLER	[signature]
DATE Signed (MM/DD/YY)	2/27/25

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

28 → 27

500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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Page 2 of 3

Section A Required Client Information:

Company:	Vistra Corp-Vermilion
Address:	10188 E 2150 North Rd
	Danville, IL 61834
Email To	Brian.Voelker@VistraCorp.com
Phone:	(217) 753-8911
Fax:	
Requested Due Date/TAT	10 day

Section B Required Project Information

Report To:	Brian Voelker
Copy To:	Dianna Tickner - dianna.tickner@vistracorp.com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	22																X		X			X			
9 2	34	WT		2/26/25	1115												X		X		X				
3	35&D																X	X				X	X		
4	35#S																X	X				X	X		
10 5	36	WT		2/26/25	0850												X		X		X				
11 6	37	WT		2/26/25	0925												X		X		X				
12 7	37_FD	WT		2/26/25	0930												X		X		X				
13 8	38	WT		2/26/25	0930												X		X		X				
9	41																X		X		X				
10	41_FD																X		X		X				
11	42																X		X		X				MS/MSD
12	43																X		X		X				
14 13	70&D	WT		2/26/25	1455												X		X			X			
15 14	70#S	WT		2/26/25	1415												X		X			X			
15	71&D																X		X			X			
16	71#S																X		X			X			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	George Asselin / ASE	2/27/25	0900	[signature]	2/27/25	1019	
	[signature]	2/27/25	1249	[signature]	2/27/25	1249	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER

DATE Signed (MM/DD/YY)

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Sampler is the same as relinquished by, as on page 1. dbn 022825

29 → 2.8

CHAIN-OF-CUSTODY / Analytical Request Document

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

500-264493

Page 3 of 3

Section A Required Client Information:

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To	Brian.Voelker@VistraCorp.com
Phone:	(217) 753-8911 Fax.
Requested Due Date/TAT	10 day

Section B Required Project Information.

Report To:	Brian Voelker
Copy To:	Dianna Tickner - dianna.tickner@vistracorp.com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information

Attention.	Dianna Tickner
Company Name	Vistra Corp
Address	see Section A
Quote Reference	
Project Manager:	
Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	72															X		X		X				
2	ND3	WT		2/26/25	1440													X		X				
3	NED1	WT		2/26/25	1645													X			X			
4	OED1																	X		X				
5	YSG01																		X	X				DTW Only
6	FB															X	X				X	X		
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	[signature] /ASE	2/27/25	0900	[signature]	2/27/25	1019	
	[signature]	2/27/25	1247	[signature]	2/27/25	1249	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER
SIGNATURE of SAMPLER | DATE Signed (MM/DD/YY)

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Sampler is the same as relinquished by, as on page 1. dbn 022825 4.4 → 4.8

CHAIN-OF-CUSTODY / Analytical Request Document

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

500-264493

Page 1 of 2

Section A Required Client Information.

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To:	Brian.Voelker@VistraCorp.com
Phone	(217) 753-8911 Fax
Requested Due Date/TAT	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02																X		X		X				
18 2	03R	WT		2/27/25	14:10												X		X		X				
3	04																X		X		X				
4	04_FD																X		X		X				
19 5	05	WT		2/27/25	12:45												X		X		X				
6	07R																X		X		X				
20 7	08R	WT		2/27/25	14:50												X		X		X				
8	101&																X		X		X				
9	103R																X		X		X				
10	10R																X	X				X	X		
11	16A																X	X				X	X		
12	16A_FD																X	X				X	X		
13	16!B																X	X				X	X		
21 14	17 Partial	WT		2/27/25	09:40			3		1							X		X		X				
15	20																X		X		X				
16	21																X		X		X				MS/MSD

500-264493 COC

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	George Asselin	2/25/25	0800	[signature]	2/28/25	1030	
[signature]	[signature]	2/28/25	1318	[signature]	2/28/25	1318	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Asselin

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/28/25

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

29→28, 20→19, 3.3→3.2

500-264423

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page 2 of 28

Section A Required Client Information

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To.	Brian.Voelker@VistraCorp.com
Phone	(217) 753-8911
Fax:	
Requested Due Date/TAT	10 day

Section B Required Project Information

Report To.	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information:

Attention:	Dianna Tickner
Company Name	Vistra Corp
Address.	see Section A
Quote Reference:	
Project Manager:	
Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE. IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912	Residual Chlorine (Y/N)	Project No./ Lab I.D.
22 1	22	WT		2/27/25	15:15												X		X			X			
2	34																X		X		X				
23 3	35&D	WT		2/27/25	10:55												X	X				X	X		
4	35#S																X	X				X	X		
5	36																X		X		X				
6	37																X		X		X				
7	37_FD																X		X		X				
8	38																X		X		X				
24 9	41	WT		2/27/25	13:20												X		X		X				
25 10	41_FD	WT		2/27/25	13:25												X		X		X				
26 11	42	WT		2/27/25	11:15												X		X		X				MS/MSD
27 12	43	WT		2/27/25	13:10												X		X		X				
13	70&D																X		X			X			
14	70#S																X		X			X			
28 15	71&D	WT		2/27/25	10:05												X		X			X			
29 16	71#S	WT		2/27/25	09:00												X		X			X			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	George Awalley / ASE	2/28/25	0800	[illegible]	2/28/25	1030	
	[illegible]	2/28/25	1318	[illegible]	2/28/25	1318	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Awalley

SIGNATURE of SAMPLER: [illegible] DATE Signed (MM/DD/YY): 2/28/25 dbn 030325

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

2.9→2.8, 2.0→1.9, 3.3→3.2

500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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Page 1 of 20

Section A Required Client Information.

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To.	Brian.Voelker@VistraCorp.com
Phone	(217) 753-8911
Fax	
Requested Due Date/TAT	10 day

Section B Required Project Information:

Report To.	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp.com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information

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

500-264493 COC

REGULATORY AGENCY

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
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AIR	AR
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SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912					Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02																X		X		X								
2	03R																X		X		X								
3	04																X		X		X								
4	04_FD																X		X		X								
5	05																X		X		X								
6	07R																X		X		X								
7	08R																X		X		X								
8	101&																X		X		X								
9	103R																X		X		X								
30 10	10R	WT		2/28/25	0945												X	X				X	X						
11	16A																X	X				X	X						
12	16A_FD																X	X				X	X						
13	16IB																X	X				X	X						
14	17																X		X		X								
15	20																X		X		X								
16	21																X		X		X								MS/MSD

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	[signature] / ASE	2/28/25	1615	[signature]	2/28/25	1615	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER	George Assellus		
SIGNATURE of SAMPLER	[signature]	DATE Signed (MM/DD/YY)	2/28/25

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

49 → 48

500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page 2 of 2

Section A Required Client Information.

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To	Brian.Voelker@VistraCorp.com
Phone	(217) 753-8911
Fax	
Requested Due Date/TAT	10 day

Section B Required Project Information

Report To:	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information

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

REGULATORY AGENCY

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

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	72															X		X		X				
2	ND3																	X		X				
3	NED1																	X			X			
4	OED1																	X		X				
5	YSG01																		X	X				DTW Only
31 6	FB	WT		2/28/25	0820											X	X				X	X		
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	[signature] / AJE	2/28/25	1615	[signature]	2/28/25	1615	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assolly

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/28/25

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-264493-3
SDG Number: VER_845_910-911

Login Number: 264493
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	0.3,2.7,2.8,4.8,2.8,1.9,3.2,4.8
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 | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 04/02/25 13:49:57

JOB DESCRIPTION

VER-25Q1
VER_000_RAD

JOB NUMBER

500-264493-2

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

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
04/02/25 13:49:57

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

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Case Narrative

Client: Vistra Energy Corp
Project: VER-25Q1

Job ID: 500-264493-2

Job ID: 500-264493-2 Eurofins Chicago

Job Narrative
500-264493-2

Receipt
The samples were received on 02/26/25 12:31. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.3º C, 1.9º C, 2.7º C, 2.8º C, 2.8º C, 3.2º C, 4.8º C and 4.8º C.

Receipt Exceptions
No Radium 226 and 228 analysis performed for sample: 17 (500-264493-21) due to insufficient sample volume received. All other metals and inorganic analyses performed, as sufficient volume was received for those tests.

Samples for the following wells were unable to be collected and have no results reported for them:
Wells 16!B, 35#S, 72, and OED1 were dry at the time of sampling.
Wells 101& and 103R could not be collected due to equipment issues on site.

RAD
Method 904.0: Radium 228 batch 705867
The detection goal was not met for the following samples due to the reduced sample volume used in prep attributed to the presence of matrix interferences: 21 (500-264493-3), 02 (500-264493-4), 07R (500-264493-7) and 22 (500-264493-22). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium 228 batch 706369
The detection goal was not met for the following samples due to the reduced sample volume used in prep attributed to the presence of matrix interferences: 41_FD (500-264493-25) and 10R (500-264493-30). Analytical results are reported with the detection limit achieved.

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

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 16A — Lab Sample ID: 500-264493-1

No Detections.

Client Sample ID: 16A_FD — Lab Sample ID: 500-264493-2

No Detections.

Client Sample ID: 21 — Lab Sample ID: 500-264493-3

No Detections.

Client Sample ID: 02 — Lab Sample ID: 500-264493-4

No Detections.

Client Sample ID: 04 — Lab Sample ID: 500-264493-5

No Detections.

Client Sample ID: 04_FD — Lab Sample ID: 500-264493-6

No Detections.

Client Sample ID: 07R — Lab Sample ID: 500-264493-7

No Detections.

Client Sample ID: 20 — Lab Sample ID: 500-264493-8

No Detections.

Client Sample ID: 34 — Lab Sample ID: 500-264493-9

No Detections.

Client Sample ID: 36 — Lab Sample ID: 500-264493-10

No Detections.

Client Sample ID: 37 — Lab Sample ID: 500-264493-11

No Detections.

Client Sample ID: 37_FD — Lab Sample ID: 500-264493-12

No Detections.

Client Sample ID: 38 — Lab Sample ID: 500-264493-13

No Detections.

Client Sample ID: 70&D — Lab Sample ID: 500-264493-14

No Detections.

Client Sample ID: 70#S — Lab Sample ID: 500-264493-15

No Detections.

Client Sample ID: 03R — Lab Sample ID: 500-264493-18

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 05 — Lab Sample ID: 500-264493-19

No Detections.

Client Sample ID: 08R — Lab Sample ID: 500-264493-20

No Detections.

Client Sample ID: 22 — Lab Sample ID: 500-264493-22

No Detections.

Client Sample ID: 35&D — Lab Sample ID: 500-264493-23

No Detections.

Client Sample ID: 41 — Lab Sample ID: 500-264493-24

No Detections.

Client Sample ID: 41_FD — Lab Sample ID: 500-264493-25

No Detections.

Client Sample ID: 42 — Lab Sample ID: 500-264493-26

No Detections.

Client Sample ID: 43 — Lab Sample ID: 500-264493-27

No Detections.

Client Sample ID: 71&D — Lab Sample ID: 500-264493-28

No Detections.

Client Sample ID: 71#S — Lab Sample ID: 500-264493-29

No Detections.

Client Sample ID: 10R — Lab Sample ID: 500-264493-30

No Detections.

Client Sample ID: FB — Lab Sample ID: 500-264493-31

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
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 Pos	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

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

Sample Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-264493-1	16A	Water	02/25/25 12:50	02/26/25 12:31
500-264493-2	16A_FD	Water	02/25/25 12:55	02/26/25 12:31
500-264493-3	21	Water	02/25/25 15:20	02/26/25 12:31
500-264493-4	02	Water	02/26/25 11:55	02/27/25 12:49
500-264493-5	04	Water	02/26/25 12:30	02/27/25 12:49
500-264493-6	04_FD	Water	02/26/25 12:30	02/27/25 12:49
500-264493-7	07R	Water	02/26/25 10:40	02/27/25 12:49
500-264493-8	20	Water	02/26/25 10:25	02/27/25 12:49
500-264493-9	34	Water	02/26/25 11:15	02/27/25 12:49
500-264493-10	36	Water	02/26/25 08:50	02/27/25 12:49
500-264493-11	37	Water	02/26/25 09:25	02/27/25 12:49
500-264493-12	37_FD	Water	02/26/25 09:30	02/27/25 12:49
500-264493-13	38	Water	02/26/25 09:30	02/27/25 12:49
500-264493-14	70&D	Water	02/26/25 14:55	02/27/25 12:49
500-264493-15	70#S	Water	02/26/25 14:15	02/27/25 12:49
500-264493-18	03R	Water	02/27/25 14:10	02/28/25 13:18
500-264493-19	05	Water	02/27/25 12:45	02/28/25 13:18
500-264493-20	08R	Water	02/27/25 14:50	02/28/25 13:18
500-264493-22	22	Water	02/27/25 15:15	02/28/25 13:18
500-264493-23	35&D	Water	02/27/25 10:55	02/28/25 13:18
500-264493-24	41	Water	02/27/25 13:20	02/28/25 13:18
500-264493-25	41_FD	Water	02/27/25 13:25	02/28/25 13:18
500-264493-26	42	Water	02/27/25 11:15	02/28/25 13:18
500-264493-27	43	Water	02/27/25 13:10	02/28/25 13:18
500-264493-28	71&D	Water	02/27/25 10:05	02/28/25 13:18
500-264493-29	71#S	Water	02/27/25 09:00	02/28/25 13:18
500-264493-30	10R	Water	02/28/25 09:45	02/28/25 16:15
500-264493-31	FB	Water	02/28/25 08:20	02/28/25 16:15

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 16A

Date Collected: 02/25/25 12:50
Date Received: 02/26/25 12:31

Lab Sample ID: 500-264493-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.487		0.171	0.176	1.00	0.190	pCi/L	03/04/25 07:34	04/01/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*03/04/25 07:34*	*04/01/25 09:55*	*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	1.29		0.505	0.519	1.00	0.618	pCi/L	03/04/25 07:37	03/27/25 14:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:29*	*1*
Y Carrier	*87.1*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:29*	*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	1.78		0.533	0.548	5.00	0.618	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 16A_FD

Date Collected: 02/25/25 12:55
Date Received: 02/26/25 12:31

Lab Sample ID: 500-264493-2

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	**0.416**		0.149	0.154	1.00	0.164	pCi/L	03/04/25 07:34	04/01/25 09:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.9*		*30 - 110*	*03/04/25 07:34*	*04/01/25 09:43*	*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	-0.0439	U	0.343	0.343	1.00	0.664	pCi/L	03/04/25 07:37	03/27/25 14:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.9*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:29*	*1*
Y Carrier	*87.9*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:29*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.416	U	0.374	0.376	5.00	0.664	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 21

Date Collected: 02/25/25 15:20
Date Received: 02/26/25 12:31

Lab Sample ID: 500-264493-3

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	**0.188**		0.130	0.131	1.00	0.180	pCi/L	03/04/25 07:34	04/01/25 09:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.7*		*30 - 110*	*03/04/25 07:34*	*04/01/25 09:43*	*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	0.247	U G	0.625	0.625	1.00	1.10	pCi/L	03/04/25 07:37	03/27/25 14:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.7*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:29*	*1*
Y Carrier	*86.0*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:29*	*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	0.435	U	0.638	0.639	5.00	1.10	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 02

Date Collected: 02/26/25 11:55
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-4

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.291**		0.159	0.161	1.00	0.209	pCi/L	03/04/25 07:34	04/01/25 09:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.2*		*30 - 110*	*03/04/25 07:34*	*04/01/25 09:43*	*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	0.193	U G	0.620	0.621	1.00	1.10	pCi/L	03/04/25 07:37	03/27/25 14:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.2*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:30*	*1*
Y Carrier	*86.0*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:30*	*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	0.484	U	0.640	0.642	5.00	1.10	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 04

Date Collected: 02/26/25 12:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-5

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.293**		0.129	0.132	1.00	0.150	pCi/L	03/04/25 07:34	04/01/25 09:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*03/04/25 07:34*	*04/01/25 09:44*	*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	0.629	U	0.508	0.511	1.00	0.791	pCi/L	03/04/25 07:37	03/27/25 14:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:31*	*1*
Y Carrier	*82.6*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:31*	*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	**0.922**		0.524	0.528	5.00	0.791	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 04_FD

Date Collected: 02/26/25 12:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-6

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.429**		0.144	0.149	1.00	0.143	pCi/L	03/04/25 07:34	04/01/25 09:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*03/04/25 07:34*	*04/01/25 09:44*	*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	0.332	U	0.428	0.429	1.00	0.712	pCi/L	03/04/25 07:37	03/27/25 14:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:31*	*1*
Y Carrier	*86.7*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:31*	*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	**0.761**		0.452	0.454	5.00	0.712	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 07R

Date Collected: 02/26/25 10:40
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-7

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.153	U	0.145	0.145	1.00	0.225	pCi/L	03/04/25 07:34	04/01/25 15:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.6*		*30 - 110*	*03/04/25 07:34*	*04/01/25 15:13*	*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	**1.78**	**G**	0.809	0.825	1.00	1.09	pCi/L	03/04/25 07:37	03/27/25 14:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.6*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:31*	*1*
Y Carrier	*89.7*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:31*	*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	**1.94**		0.822	0.838	5.00	1.09	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 20

Date Collected: 02/26/25 10:25
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-8

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.120	U	0.0907	0.0914	1.00	0.130	pCi/L	03/04/25 07:34	04/01/25 18:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/04/25 07:34*	*04/01/25 18:43*	*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	0.0424	U	0.391	0.391	1.00	0.723	pCi/L	03/04/25 07:37	03/27/25 14:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:31*	*1*
Y Carrier	*86.4*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:31*	*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	0.162	U	0.401	0.402	5.00	0.723	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 34

Date Collected: 02/26/25 11:15
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-9

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.272**		0.142	0.144	1.00	0.174	pCi/L	03/04/25 07:34	04/01/25 18:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*03/04/25 07:34*	*04/01/25 18:44*	*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	0.454	U	0.524	0.526	1.00	0.860	pCi/L	03/04/25 07:37	03/27/25 14:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:45*	*1*
Y Carrier	*90.1*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:45*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.726	U	0.543	0.545	5.00	0.860	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 36

Date Collected: 02/26/25 08:50
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-10

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112	U	0.0885	0.0891	1.00	0.126	pCi/L	03/04/25 07:34	04/01/25 18:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.9*		*30 - 110*	*03/04/25 07:34*	*04/01/25 18:44*	*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	**1.05**		0.504	0.513	1.00	0.654	pCi/L	03/04/25 07:37	03/27/25 14:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.9*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:45*	*1*
Y Carrier	*83.0*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:45*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.17**		0.512	0.521	5.00	0.654	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 37

Date Collected: 02/26/25 09:25
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-11

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.570**		0.188	0.195	1.00	0.191	pCi/L	03/04/25 07:34	04/01/25 18:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*03/04/25 07:34*	*04/01/25 18:47*	*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	0.431	U	0.586	0.587	1.00	0.983	pCi/L	03/04/25 07:37	03/27/25 14:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*
Y Carrier	*74.8*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.00**		0.615	0.619	5.00	0.983	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 37_FD

Date Collected: 02/26/25 09:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-12

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	**0.374**		0.159	0.163	1.00	0.178	pCi/L	03/04/25 07:34	04/01/25 20:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*03/04/25 07:34*	*04/01/25 20:12*	*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	0.752	U	0.556	0.560	1.00	0.836	pCi/L	03/04/25 07:37	03/27/25 14:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*
Y Carrier	*83.7*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.13**		0.578	0.583	5.00	0.836	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 38

Date Collected: 02/26/25 09:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-13

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.498**		0.179	0.184	1.00	0.178	pCi/L	03/04/25 07:34	04/01/25 20:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.9*		*30 - 110*	*03/04/25 07:34*	*04/01/25 20:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.352	U	0.558	0.559	1.00	0.952	pCi/L	03/04/25 07:37	03/27/25 14:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.9*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*
Y Carrier	*83.7*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.850	U	0.586	0.589	5.00	0.952	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 70&D

Date Collected: 02/26/25 14:55
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-14

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.496**		0.159	0.165	1.00	0.165	pCi/L	03/04/25 07:34	04/01/25 20:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*03/04/25 07:34*	*04/01/25 20:12*	*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	0.327	U	0.371	0.372	1.00	0.607	pCi/L	03/04/25 07:37	03/27/25 14:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*
Y Carrier	*93.5*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.823**		0.404	0.407	5.00	0.607	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 70#S

Date Collected: 02/26/25 14:15
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-15

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	0.0215	U	0.0804	0.0804	1.00	0.152	pCi/L	03/04/25 07:34	04/01/25 20:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*03/04/25 07:34*	*04/01/25 20:12*	*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	-0.277	U	0.293	0.294	1.00	0.653	pCi/L	03/04/25 07:37	03/27/25 14:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*
Y Carrier	*90.5*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0215	U	0.304	0.305	5.00	0.653	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 03R

Date Collected: 02/27/25 14:10
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-18

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.524**		0.207	0.212	1.00	0.237	pCi/L	03/04/25 07:34	04/01/25 20:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.7*		*30 - 110*	*03/04/25 07:34*	*04/01/25 20:12*	*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	0.627	U	0.606	0.609	1.00	0.966	pCi/L	03/04/25 07:37	03/27/25 14:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.7*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*
Y Carrier	*88.2*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:46*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.15**		0.640	0.645	5.00	0.966	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 05

Date Collected: 02/27/25 12:45
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-19

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.235**		0.113	0.115	1.00	0.132	pCi/L	03/04/25 07:34	04/01/25 20:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/04/25 07:34*	*04/01/25 20:12*	*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	0.447	U	0.449	0.451	1.00	0.723	pCi/L	03/04/25 07:37	03/27/25 14:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:42*	*1*
Y Carrier	*86.4*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:42*	*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	0.682	U	0.463	0.465	5.00	0.723	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 08R

Date Collected: 02/27/25 14:50
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-20

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.134	U	0.0979	0.0986	1.00	0.138	pCi/L	03/04/25 07:34	04/01/25 20:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.3*		*30 - 110*	*03/04/25 07:34*	*04/01/25 20:12*	*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	**0.861**		0.537	0.543	1.00	0.795	pCi/L	03/04/25 07:37	03/27/25 14:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.3*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:42*	*1*
Y Carrier	*87.5*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:42*	*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	**0.995**		0.546	0.552	5.00	0.795	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 22

Date Collected: 02/27/25 15:15
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-22

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.50		0.478	0.528	1.00	0.252	pCi/L	03/04/25 07:36	04/01/25 20:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.5*		*30 - 110*	*03/04/25 07:36*	*04/01/25 20:12*	*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	3.70	G	1.32	1.36	1.00	1.65	pCi/L	03/04/25 07:37	03/27/25 14:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.5*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:42*	*1*
Y Carrier	*96.8*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:42*	*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	6.19		1.40	1.46	5.00	1.65	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 35&D

Date Collected: 02/27/25 10:55
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-23

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0701	U	0.0767	0.0770	1.00	0.122	pCi/L	03/04/25 07:36	04/01/25 20:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*03/04/25 07:36*	*04/01/25 20:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.358	U	0.471	0.472	1.00	0.786	pCi/L	03/04/25 07:37	03/27/25 14:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:43*	*1*
Y Carrier	*86.4*		*30 - 110*	*03/04/25 07:37*	*03/27/25 14:43*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.428	U	0.477	0.478	5.00	0.786	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 41

Date Collected: 02/27/25 13:20
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-24

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.335		0.192	0.195	1.00	0.261	pCi/L	03/06/25 07:49	04/01/25 22:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*03/06/25 07:49*	*04/01/25 22:17*	*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	0.503	U	0.589	0.591	1.00	0.969	pCi/L	03/06/25 07:52	03/28/25 13:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:47*	*1*
Y Carrier	*83.7*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:47*	*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	0.839	U	0.620	0.622	5.00	0.969	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 41_FD

Date Collected: 02/27/25 13:25
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-25

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.268**		0.179	0.181	1.00	0.252	pCi/L	03/06/25 07:49	04/01/25 22:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.1*		*30 - 110*	*03/06/25 07:49*	*04/01/25 22:17*	*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	0.667	U G	0.634	0.637	1.00	1.01	pCi/L	03/06/25 07:52	03/28/25 13:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.1*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:48*	*1*
Y Carrier	*84.5*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:48*	*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	0.935	U	0.659	0.662	5.00	1.01	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 42

Date Collected: 02/27/25 11:15
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-26

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.173	U	0.125	0.126	1.00	0.183	pCi/L	03/06/25 07:49	04/01/25 22:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.0*		*30 - 110*	*03/06/25 07:49*	*04/01/25 22:17*	*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	0.417	U	0.382	0.384	1.00	0.598	pCi/L	03/06/25 07:52	03/28/25 13:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.0*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:48*	*1*
Y Carrier	*81.1*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:48*	*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	0.590	U	0.402	0.404	5.00	0.598	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 43

Date Collected: 02/27/25 13:10
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-27

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.307**		0.128	0.130	1.00	0.125	pCi/L	03/06/25 07:49	04/01/25 22:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.6*		*30 - 110*	*03/06/25 07:49*	*04/01/25 22:18*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.638	U	0.486	0.489	1.00	0.748	pCi/L	03/06/25 07:52	03/28/25 13:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.6*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:59*	*1*
Y Carrier	*90.5*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:59*	*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	**0.944**		0.503	0.506	5.00	0.748	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 71&D

Date Collected: 02/27/25 10:05
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-28

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.506		0.174	0.180	1.00	0.159	pCi/L	03/06/25 07:49	04/01/25 22:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*68.5*		*30 - 110*	*03/06/25 07:49*	*04/01/25 22:18*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.37		0.614	0.627	1.00	0.801	pCi/L	03/06/25 07:52	03/28/25 13:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*68.5*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:59*	*1*
Y Carrier	*82.2*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:59*	*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	1.88		0.638	0.652	5.00	0.801	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 71#S

Date Collected: 02/27/25 09:00
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-29

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	0.0869	U	0.123	0.123	1.00	0.208	pCi/L	03/06/25 07:49	04/01/25 22:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.3*		*30 - 110*	*03/06/25 07:49*	*04/01/25 22:18*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.688	U	0.514	0.517	1.00	0.785	pCi/L	03/06/25 07:52	03/28/25 13:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.3*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:50*	*1*
Y Carrier	*81.1*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:50*	*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	0.775	U	0.529	0.531	5.00	0.785	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 10R

Date Collected: 02/28/25 09:45
Date Received: 02/28/25 16:15

Lab Sample ID: 500-264493-30

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.383		0.223	0.226	1.00	0.286	pCi/L	03/06/25 07:49	04/01/25 22:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*03/06/25 07:49*	*04/01/25 22:18*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.200	U G	0.715	0.715	1.00	1.30	pCi/L	03/06/25 07:52	03/28/25 13:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:50*	*1*
Y Carrier	*87.1*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:50*	*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	0.583	U	0.749	0.750	5.00	1.30	pCi/L		04/02/25 12:29	1

Client Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: FB

Date Collected: 02/28/25 08:20
Date Received: 02/28/25 16:15

Lab Sample ID: 500-264493-31

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0748	U	0.0972	0.0975	1.00	0.162	pCi/L	03/06/25 07:49	04/01/25 22:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*03/06/25 07:49*	*04/01/25 22:18*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0268	U	0.332	0.332	1.00	0.619	pCi/L	03/06/25 07:52	03/28/25 13:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:50*	*1*
Y Carrier	*86.0*		*30 - 110*	*03/06/25 07:52*	*03/28/25 13:50*	*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	0.102	U	0.346	0.346	5.00	0.619	pCi/L		04/02/25 12:29	1

Definitions/Glossary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
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-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Rad

Prep Batch: 705866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-1	16A	Total/NA	Water	PrecSep-21	
500-264493-2	16A_FD	Total/NA	Water	PrecSep-21	
500-264493-3	21	Total/NA	Water	PrecSep-21	
500-264493-4	02	Total/NA	Water	PrecSep-21	
500-264493-5	04	Total/NA	Water	PrecSep-21	
500-264493-6	04_FD	Total/NA	Water	PrecSep-21	
500-264493-7	07R	Total/NA	Water	PrecSep-21	
500-264493-8	20	Total/NA	Water	PrecSep-21	
500-264493-9	34	Total/NA	Water	PrecSep-21	
500-264493-10	36	Total/NA	Water	PrecSep-21	
500-264493-11	37	Total/NA	Water	PrecSep-21	
500-264493-12	37_FD	Total/NA	Water	PrecSep-21	
500-264493-13	38	Total/NA	Water	PrecSep-21	
500-264493-14	70&D	Total/NA	Water	PrecSep-21	
500-264493-15	70#S	Total/NA	Water	PrecSep-21	
500-264493-18	03R	Total/NA	Water	PrecSep-21	
500-264493-19	05	Total/NA	Water	PrecSep-21	
500-264493-20	08R	Total/NA	Water	PrecSep-21	
500-264493-22	22	Total/NA	Water	PrecSep-21	
500-264493-23	35&D	Total/NA	Water	PrecSep-21	
MB 160-705866/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705866/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-264493-3 MS	21	Total/NA	Water	PrecSep-21	
500-264493-3 MSD	21	Total/NA	Water	PrecSep-21	

Prep Batch: 705867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-1	16A	Total/NA	Water	PrecSep_0	
500-264493-2	16A_FD	Total/NA	Water	PrecSep_0	
500-264493-3	21	Total/NA	Water	PrecSep_0	
500-264493-4	02	Total/NA	Water	PrecSep_0	
500-264493-5	04	Total/NA	Water	PrecSep_0	
500-264493-6	04_FD	Total/NA	Water	PrecSep_0	
500-264493-7	07R	Total/NA	Water	PrecSep_0	
500-264493-8	20	Total/NA	Water	PrecSep_0	
500-264493-9	34	Total/NA	Water	PrecSep_0	
500-264493-10	36	Total/NA	Water	PrecSep_0	
500-264493-11	37	Total/NA	Water	PrecSep_0	
500-264493-12	37_FD	Total/NA	Water	PrecSep_0	
500-264493-13	38	Total/NA	Water	PrecSep_0	
500-264493-14	70&D	Total/NA	Water	PrecSep_0	
500-264493-15	70#S	Total/NA	Water	PrecSep_0	
500-264493-18	03R	Total/NA	Water	PrecSep_0	
500-264493-19	05	Total/NA	Water	PrecSep_0	
500-264493-20	08R	Total/NA	Water	PrecSep_0	
500-264493-22	22	Total/NA	Water	PrecSep_0	
500-264493-23	35&D	Total/NA	Water	PrecSep_0	
MB 160-705867/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705867/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-264493-3 MS	21	Total/NA	Water	PrecSep_0	
500-264493-3 MSD	21	Total/NA	Water	PrecSep_0	

QC Association Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Rad

Prep Batch: 706368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-24	41	Total/NA	Water	PrecSep-21	
500-264493-25	41_FD	Total/NA	Water	PrecSep-21	
500-264493-26	42	Total/NA	Water	PrecSep-21	
500-264493-27	43	Total/NA	Water	PrecSep-21	
500-264493-28	71&D	Total/NA	Water	PrecSep-21	
500-264493-29	71#S	Total/NA	Water	PrecSep-21	
500-264493-30	10R	Total/NA	Water	PrecSep-21	
500-264493-31	FB	Total/NA	Water	PrecSep-21	
MB 160-706368/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-706368/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-264493-26 MS	42	Total/NA	Water	PrecSep-21	
500-264493-26 MSD	42	Total/NA	Water	PrecSep-21	

Prep Batch: 706369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-264493-24	41	Total/NA	Water	PrecSep_0	
500-264493-25	41_FD	Total/NA	Water	PrecSep_0	
500-264493-26	42	Total/NA	Water	PrecSep_0	
500-264493-27	43	Total/NA	Water	PrecSep_0	
500-264493-28	71&D	Total/NA	Water	PrecSep_0	
500-264493-29	71#S	Total/NA	Water	PrecSep_0	
500-264493-30	10R	Total/NA	Water	PrecSep_0	
500-264493-31	FB	Total/NA	Water	PrecSep_0	
MB 160-706369/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-706369/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-264493-26 MS	42	Total/NA	Water	PrecSep_0	
500-264493-26 MSD	42	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705866/1-A
Matrix: Water
Analysis Batch: 710156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705866

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.006719	U	0.0724	0.0724	1.00	0.145	pCi/L	03/04/25 07:34	04/01/25 09:55	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.9*		*30 - 110*	*03/04/25 07:34*	*04/01/25 09:55*	*1*

Lab Sample ID: LCS 160-705866/2-A
Matrix: Water
Analysis Batch: 710156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705866

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.967		1.01	1.00	0.185	pCi/L	94	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.3*		*30 - 110*

Lab Sample ID: 500-264493-3 MS
Matrix: Water
Analysis Batch: 710157

Client Sample ID: 21
Prep Type: Total/NA
Prep Batch: 705866

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.188		12.7	11.61		1.29	1.00	0.177	pCi/L	90	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*85.1*		*30 - 110*

Lab Sample ID: 500-264493-3 MSD
Matrix: Water
Analysis Batch: 710157

Client Sample ID: 21
Prep Type: Total/NA
Prep Batch: 705866

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	0.188		12.7	12.32		1.37	1.00	0.197	pCi/L	95	60 - 140	0.27	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*81.9*		*30 - 110*

Lab Sample ID: MB 160-706368/1-A
Matrix: Water
Analysis Batch: 710156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706368

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02352	U	0.0954	0.0954	1.00	0.179	pCi/L	03/06/25 07:49	04/01/25 20:16	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

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

Lab Sample ID: MB 160-706368/1-A
Matrix: Water
Analysis Batch: 710156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706368

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	93.2		30 - 110	03/06/25 07:49	04/01/25 20:16	1

Lab Sample ID: LCS 160-706368/2-A
Matrix: Water
Analysis Batch: 710156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706368

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.455		0.949	1.00	0.132	pCi/L	88	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.4		30 - 110

Lab Sample ID: 500-264493-26 MS
Matrix: Water
Analysis Batch: 710156

Client Sample ID: 42
Prep Type: Total/NA
Prep Batch: 706368

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.173	U	9.54	8.194		0.949	1.00	0.150	pCi/L	84	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	78.9		30 - 110

Lab Sample ID: 500-264493-26 MSD
Matrix: Water
Analysis Batch: 710156

Client Sample ID: 42
Prep Type: Total/NA
Prep Batch: 706368

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	0.173	U	9.57	9.301		1.04	1.00	0.145	pCi/L	95	60 - 140	0.56	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	84.6		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705867/1-A
Matrix: Water
Analysis Batch: 709481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705867

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.03780	U	0.391	0.391	1.00	0.740	pCi/L	03/04/25 07:37	03/27/25 14:29	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110	03/04/25 07:37	03/27/25 14:29	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

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

Lab Sample ID: MB 160-705867/1-A
Matrix: Water
Analysis Batch: 709481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705867

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	88.6		30 - 110	03/04/25 07:37	03/27/25 14:29	1

Lab Sample ID: LCS 160-705867/2-A
Matrix: Water
Analysis Batch: 709481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705867

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.99	9.095		1.42	1.00	0.715	pCi/L	114	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	84.3		30 - 110
Y Carrier	81.1		30 - 110

Lab Sample ID: 500-264493-3 MS
Matrix: Water
Analysis Batch: 709481

Client Sample ID: 21
Prep Type: Total/NA
Prep Batch: 705867

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	0.247	U G	10.6	11.14		1.77	1.00	0.946	pCi/L	103	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	85.1		30 - 110
Y Carrier	84.1		30 - 110

Lab Sample ID: 500-264493-3 MSD
Matrix: Water
Analysis Batch: 709481

Client Sample ID: 21
Prep Type: Total/NA
Prep Batch: 705867

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	0.247	U G	10.6	12.99		2.03	1.00	1.13	pCi/L	120	60 - 140	0.49	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	81.9		30 - 110
Y Carrier	80.4		30 - 110

Lab Sample ID: MB 160-706369/1-A
Matrix: Water
Analysis Batch: 709818

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706369

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8359		0.434	0.441	1.00	0.624	pCi/L	03/06/25 07:52	03/28/25 12:18	1

QC Sample Results

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

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

Lab Sample ID: MB 160-706369/1-A
Matrix: Water
Analysis Batch: 709818

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706369

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	93.2		30 - 110	03/06/25 07:52	03/28/25 12:18	1
Y Carrier	84.5		30 - 110	03/06/25 07:52	03/28/25 12:18	1

Lab Sample ID: LCS 160-706369/2-A
Matrix: Water
Analysis Batch: 709819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706369

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.98	8.322		1.20	1.00	0.587	pCi/L	104	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.4		30 - 110
Y Carrier	83.4		30 - 110

Lab Sample ID: 500-264493-26 MS
Matrix: Water
Analysis Batch: 709818

Client Sample ID: 42
Prep Type: Total/NA
Prep Batch: 706369

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	0.417	U	7.95	9.212		1.41	1.00	0.660	pCi/L	111	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	78.9		30 - 110
Y Carrier	81.1		30 - 110

Lab Sample ID: 500-264493-26 MSD
Matrix: Water
Analysis Batch: 709818

Client Sample ID: 42
Prep Type: Total/NA
Prep Batch: 706369

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	0.417	U	7.98	8.664		1.30	1.00	0.616	pCi/L	103	60 - 140	0.20	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	84.6		30 - 110
Y Carrier	89.0		30 - 110

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 16A — Lab Sample ID: 500-264493-1

Date Collected: 02/25/25 12:50 — **Matrix: Water**
Date Received: 02/26/25 12:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 09:55
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:29
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 16A_FD — Lab Sample ID: 500-264493-2

Date Collected: 02/25/25 12:55 — **Matrix: Water**
Date Received: 02/26/25 12:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710157	SWS	EET SL	04/01/25 09:43
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:29
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 21 — Lab Sample ID: 500-264493-3

Date Collected: 02/25/25 15:20 — **Matrix: Water**
Date Received: 02/26/25 12:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710157	SWS	EET SL	04/01/25 09:43
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:29
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 02 — Lab Sample ID: 500-264493-4

Date Collected: 02/26/25 11:55 — **Matrix: Water**
Date Received: 02/27/25 12:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710157	SWS	EET SL	04/01/25 09:43
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:30
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 04
Date Collected: 02/26/25 12:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710157	SWS	EET SL	04/01/25 09:44
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:31
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 04_FD
Date Collected: 02/26/25 12:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710157	SWS	EET SL	04/01/25 09:44
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:31
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 07R
Date Collected: 02/26/25 10:40
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710297	SWS	EET SL	04/01/25 15:13
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:31
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 20
Date Collected: 02/26/25 10:25
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710297	SWS	EET SL	04/01/25 18:43
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:31
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 34
Date Collected: 02/26/25 11:15
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710297	SWS	EET SL	04/01/25 18:44
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 36
Date Collected: 02/26/25 08:50
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710297	SWS	EET SL	04/01/25 18:44
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:45
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 37
Date Collected: 02/26/25 09:25
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710157	SWS	EET SL	04/01/25 18:47
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 37_FD
Date Collected: 02/26/25 09:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 20:12
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 38
Date Collected: 02/26/25 09:30
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 20:12
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 70&D
Date Collected: 02/26/25 14:55
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 20:12
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 70#S
Date Collected: 02/26/25 14:15
Date Received: 02/27/25 12:49

Lab Sample ID: 500-264493-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 20:12
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 03R
Date Collected: 02/27/25 14:10
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 20:12
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709481	FLC	EET SL	03/27/25 14:46
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 05
Date Collected: 02/27/25 12:45
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 20:12
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709483	FLC	EET SL	03/27/25 14:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 08R
Date Collected: 02/27/25 14:50
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:34
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 20:12
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709483	FLC	EET SL	03/27/25 14:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 22
Date Collected: 02/27/25 15:15
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:36
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 20:12
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709483	FLC	EET SL	03/27/25 14:42
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 35&D
Date Collected: 02/27/25 10:55
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			705866	OGC	EET SL	03/04/25 07:36
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 20:12
Total/NA	Prep	PrecSep_0			705867	OGC	EET SL	03/04/25 07:37
Total/NA	Analysis	904.0		1	709483	FLC	EET SL	03/27/25 14:43
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 41
Date Collected: 02/27/25 13:20
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 22:17
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709818	FLC	EET SL	03/28/25 13:47
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 41_FD
Date Collected: 02/27/25 13:25
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 22:17
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709818	FLC	EET SL	03/28/25 13:48
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 42
Date Collected: 02/27/25 11:15
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 22:17
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709818	FLC	EET SL	03/28/25 13:48
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 43
Date Collected: 02/27/25 13:10
Date Received: 02/28/25 13:18

Lab Sample ID: 500-264493-27
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 22:18
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709817	FLC	EET SL	03/28/25 13:59
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Lab Chronicle

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
SDG: VER_000_RAD

Client Sample ID: 71&D

Lab Sample ID: 500-264493-28
Date Collected: 02/27/25 10:05
Matrix: Water
Date Received: 02/28/25 13:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 22:18
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709817	FLC	EET SL	03/28/25 13:59
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 71#S

Lab Sample ID: 500-264493-29
Date Collected: 02/27/25 09:00
Matrix: Water
Date Received: 02/28/25 13:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 22:18
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709819	FLC	EET SL	03/28/25 13:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: 10R

Lab Sample ID: 500-264493-30
Date Collected: 02/28/25 09:45
Matrix: Water
Date Received: 02/28/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 22:18
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709819	FLC	EET SL	03/28/25 13:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Client Sample ID: FB

Lab Sample ID: 500-264493-31
Date Collected: 02/28/25 08:20
Matrix: Water
Date Received: 02/28/25 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			706368	OGC	EET SL	03/06/25 07:49
Total/NA	Analysis	903.0		1	710156	SWS	EET SL	04/01/25 22:18
Total/NA	Prep	PrecSep_0			706369	OGC	EET SL	03/06/25 07:52
Total/NA	Analysis	904.0		1	709819	FLC	EET SL	03/28/25 13:50
Total/NA	Analysis	Ra226_Ra228 Pos		1	710478	FLC	EET SL	04/02/25 12:29

Laboratory References:

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

Accreditation/Certification Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
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

500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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

500-264493 COC

Page 1 of 1

Section A Required Client Information:

Company:	Vistra Corp-Vermilion
Address:	10188 E 2150 North Rd
	Danville, IL 61834
Email To:	Brian.Voelker@VistraCorp.com
Phone:	(217) 753-8911
Fax:	
Requested Due Date/TAT	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp.com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912					Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02	WT														X		X		X								
2	03R	WT														X		X		X								
3	04															X		X		X								
4	04_FD															X		X		X								
5	05															X		X		X								
6	07R															X		X		X								
7	08R															X		X		X								
8	101&															X		X		X								
9	103R															X		X		X								
10	10R															X	X				X	X						
11	16A	WT		2/25/25	1250											X	X				X	X						
12	16A_FD	WT		2/25/25	1255											X	X				X	X						
13	16IB															X	X				X	X						
14	17															X		X		X								
15	20															X		X		X								
16	~~02~~ GA 21	WT		2/25/25	1526											X		X		X								MS/MSD

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	George Assaller/ASE	2/26/25	0830	N. J. Ellair	2/26/25	1002	
	N. J. Ellair	2/26/25	1231	[illegible]	2/26/25	1231	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assaller

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY) 2/26/25

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

0.6-70.3

500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page 1 of 3

Section A Required Client Information:

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To	Brian.Voelker@VistraCorp.com
Phone	(217) 753-8911 Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To.	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp com
Purchase Order No	
Project Name:	
Project Number:	50024222

Section C Invoice Information

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

500-264493 COC

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912	Residual Chlorine (Y/N)	Project No./ Lab I.D.
4 1	02	WT		2/26/25	1155											X		X		X				
2	03R															X		X		X				
5 3	04	WT		2/26/25	1230											X		X		X				
6 4	04_FD	WT		2/26/25	1230											X		X		X				
5	05															X		X		X				
7 6	07R	WT		2/26/25	1040											X		X		X				
7	08R															X		X		X				
8	101&															X		X		X				
9	103R															X		X		X				
10	10R															X	X				X	X		
11	16A															X	X				X	X		
12	16A_FD															X	X				X	X		
13	16!B															X	X				X	X		
14	17															X		X		X				
8 15	20	WT		2/26/25	1025											X		X		X				
16	21															X		X		X				MS/MSD

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	George Assaliny /A3E	2/27/25	0900	[illegible]	2/27/25	1019	
	[illegible]	2/27/25	1249	[illegible]	2/27/25	1249	

SAMPLER NAME AND SIGNATURE	George Assaliny
PRINT Name of SAMPLER	George Assaliny
SIGNATURE of SAMPLER	[illegible]
DATE Signed (MM/DD/YY)	2/27/25

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page 2 of 3

Section A Required Client Information:

Company:	Vistra Corp-Vermilion
Address:	10188 E 2150 North Rd
	Danville, IL 61834
Email To	Brian.Voelker@VistraCorp.com
Phone:	(217) 753-8911 Fax:
Requested Due Date/TAT	10 day

Section B Required Project Information

Report To:	Brian Voelker
Copy To:	Dianna Tickner - dianna.tickner@vistracorp.com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	22																X		X			X			
9 2	34	WT		2/26/25	1115												X		X		X				
3	35&D																X	X				X	X		
4	35#S																X	X				X	X		
10 5	36	WT		2/26/25	0850												X		X		X				
11 6	37	WT		2/26/25	0925												X		X		X				
12 7	37_FD	WT		2/26/25	0930												X		X		X				
13 8	38	WT		2/26/25	0930												X		X		X				
9	41																X		X		X				
10	41_FD																X		X		X				
11	42																X		X		X				MS/MSD
12	43																X		X		X				
14 13	70&D	WT		2/26/25	1455												X		X			X			
15 14	70#S	WT		2/26/25	1415												X		X			X			
15	71&D																X		X			X			
16	71#S																X		X			X			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	George Asselin / ASE	2/27/25	0900	[signature]	2/27/25	1019	
	[signature]	2/27/25	1249	[signature]	2/27/25	1249	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER | DATE Signed (MM/DD/YY)

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Sampler is the same as relinquished by, as on page 1. dbn 022825

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CHAIN-OF-CUSTODY / Analytical Request Document

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

500-264493

Page 3 of 3

Section A Required Client Information:

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To	Brian.Voelker@VistraCorp.com
Phone:	(217) 753-8911 Fax:
Requested Due Date/TAT	10 day

Section B Required Project Information.

Report To:	Brian Voelker
Copy To:	Dianna Tickner - dianna.tickner@vistracorp.com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	72																X		X		X				
2	ND3	WT		2/26/25	1440														X		X				
3	NED1	WT		2/26/25	1645														X			X			
4	OED1																		X		X				
5	YSG01																			X	X				DTW Only
6	FB																X	X				X	X		
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
VER-25Q1 Rev 0	[signature] / ASE	2/27/25	0900	[signature]	2/27/25	1019
	[signature]	2/27/25	1247	[signature]	2/27/25	1247

SAMPLE CONDITIONS: Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER | DATE Signed (MM/DD/YY)

Sampler is the same as relinquished by, as on page 1. dbn 022825 4.9 → 4.8

500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page 1 of 2

Section A Required Client Information.

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To:	Brian.Voelker@VistraCorp.com
Phone	(217) 753-8911
Fax	
Requested Due Date/TAT	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912						Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02																X		X		X									
18 2	03R	WT		2/27/25	14:10												X		X		X									
3	04																X		X		X									
4	04_FD																X		X		X									
19 5	05	WT		2/27/25	12:45												X		X		X									
6	07R																X		X		X									
20 7	08R	WT		2/27/25	14:50												X		X		X									
8	101&																X		X		X									
9	103R																X		X		X									
10	10R																X	X				X	X							
11	16A																X	X				X	X							
12	16A_FD																X	X				X	X							
13	16!B																X	X				X	X							
21 14	17 Partial	WT		2/27/25	09:40			3		1							X		X		X									
15	20																X		X		X									
16	21																X		X		X									MS/MSD

500-264493 COC

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	George Asselin	2/25/25	0800	[illegible]	2/25/25	1030	
[illegible]	[illegible]	2/28/25	1318	[illegible]	2/28/25	1318	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Asselin

SIGNATURE of SAMPLER: [illegible] DATE Signed (MM/DD/YY): 2/28/25

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

29→28, 20→19, 3.3→3.2

500-264423

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page 2 of 28

Section A Required Client Information

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To.	Brian.Voelker@VistraCorp.com
Phone	(217) 753-8911
Fax:	
Requested Due Date/TAT	10 day

Section B Required Project Information

Report To.	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information:

Attention:	Dianna Tickner
Company Name	Vistra Corp
Address.	see Section A
Quote Reference:	
Project Manager:	
Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE. IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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

Requested Analysis Filtered (Y/N)

	ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912					Residual Chlorine (Y/N)	Project No./ Lab I.D.
22	1	22	WT		2/27/25	15:15												X		X			X							
	2	34																X		X		X								
23	3	35&D	WT		2/27/25	10:55												X	X				X	X						
	4	35#S																X	X				X	X						
	5	36																X		X		X								
	6	37																X		X		X								
	7	37_FD																X		X		X								
	8	38																X		X		X								
24	9	41	WT		2/27/25	13:20												X		X		X								
25	10	41_FD	WT		2/27/25	13:25												X		X		X								
26	11	42	WT		2/27/25	11:15												X		X		X								MS/MSD
27	12	43	WT		2/27/25	13:10												X		X		X								
	13	70&D																X		X			X							
	14	70#S																X		X			X							
28	15	71&D	WT		2/27/25	10:05												X		X			X							
29	16	71#S	WT		2/27/25	09:00												X		X			X							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	George Awalley / ASE	2/28/25	0800	[illegible]	2/28/25	1030	
	[illegible]	2/28/25	1318	[illegible]	2/28/25	1318	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Awalley

SIGNATURE of SAMPLER: [illegible] DATE Signed (MM/DD/YY): 2/28/25

dbn 030325

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

2.9→2.8, 2.0→1.9, 3.3→3.2

500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page 1 of 20

Section A Required Client Information.

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To.	Brian.Voelker@VistraCorp.com
Phone	(217) 753-8911
Fax	
Requested Due Date/TAT	10 day

Section B Required Project Information:

Report To.	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp.com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information

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

500-264493 COC

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912					Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02																X		X		X								
2	03R																X		X		X								
3	04																X		X		X								
4	04_FD																X		X		X								
5	05																X		X		X								
6	07R																X		X		X								
7	08R																X		X		X								
8	101&																X		X		X								
9	103R																X		X		X								
30 10	10R	WT		2/28/25	0945												X	X				X	X						
11	16A																X	X				X	X						
12	16A_FD																X	X				X	X						
13	16IB																X	X				X	X						
14	17																X		X		X								
15	20																X		X		X								
16	21																X		X		X								MS/MSD

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	[signature] / ASE	2/28/25	1615	[signature]	2/28/25	1615	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: George Assellus

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/28/25

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

49 → 48

500-264493

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page 2 of 2

Section A Required Client Information.

Company:	Vistra Corp-Vermilion
Address	10188 E 2150 North Rd
	Danville, IL 61834
Email To	Brian.Voelker@VistraCorp.com
Phone	(217) 753-8911 Fax
Requested Due Date/TAT	10 day

Section B Required Project Information

Report To:	Brian Voelker
Copy To:	Dianna Tickner - dianna tickner@vistracorp com
Purchase Order No.	
Project Name	
Project Number:	50024222

Section C Invoice Information

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) VER_000_RAD	VER_000_A	VER_000_B	VER_000_C	VER_845_910-911	VER_845_912	VER_NPDES_912	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	72															X		X		X				
2	ND3																	X		X				
3	NED1																	X			X			
4	OED1																	X		X				
5	YSG01																		X	X				DTW Only
31 6	FB	WT		2/28/25	0820											X	X				X	X		
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
VER-25Q1 Rev 0	[signature] / AJE	2/28/25	1615	[signature]	2/28/25	1615	

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER	George Assolly		
SIGNATURE of SAMPLER	[signature]	DATE Signed (MM/DD/YY)	2/28/25

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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: 500-198861.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264493-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/11/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: VER-25Q1	Project #: 50024222			
Site: Vistra Corp-Vermilion	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21 BL	904.0/PrecSep_0 BL	Ra226_228GFPC_P/ BL	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
16A (500-264493-1)	2/25/25	12:50 Central	G	Water			X	X	X	2	
16A_FD (500-264493-2)	2/25/25	12:55 Central	G	Water			X	X	X	2	
21 (500-264493-3)	2/25/25	15:20 Central	G	Water			X	X	X	2	
21 (500-264493-3MS)	2/25/25	15:20 Central	G	Water			X	X		2	
21 (500-264493-3MSD)	2/25/25	15:20 Central	G	Water			X	X		2	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/27/25 16:08		M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

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: 500-198868.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264493-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/31/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: VER-25Q1	Project #: 50024222			
Site: Vistra Corp-Vermilion	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21 BL	904.0/PrecSep_0 BL	Ra226_228GFPC_P/ BL	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
02 (500-264493-4)	2/26/25	11:55 Central	G	Water			X	X	X	2	
04 (500-264493-5)	2/26/25	12:30 Central	G	Water			X	X	X	2	
04_FD (500-264493-6)	2/26/25	12:30 Central	G	Water			X	X	X	2	
07R (500-264493-7)	2/26/25	10:40 Central	G	Water			X	X	X	2	
20 (500-264493-8)	2/26/25	10:25 Central	G	Water			X	X	X	2	
34 (500-264493-9)	2/26/25	11:15 Central	G	Water			X	X	X	2	
36 (500-264493-10)	2/26/25	08:50 Central	G	Water			X	X	X	2	
37 (500-264493-11)	2/26/25	09:25 Central	G	Water			X	X	X	2	
37_FD (500-264493-12)	2/26/25	09:30 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Stephanie Hernandez	2/27/25 1500	EEIA	M. Pinette	FEB 28 2025 0830	
			Meadow Pinette		

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

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COC No: 500-198868.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264493-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/31/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: VER-25Q1	Project #: 50024222			
Site: Vistra Corp-Vermilion	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21 BL	904.0/PrecSep_0 BL	Ra226_228GFPC_P/ BL	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
38 (500-264493-13)	2/26/25	09:30 Central	G	Water			X	X	X	2	
70&D (500-264493-14)	2/26/25	14:55 Central	G	Water			X	X	X	2	
70#S (500-264493-15)	2/26/25	14:15 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Stephanie Hell	2/27/25 1500	EEA	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

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: 500-198916.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264493-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/31/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: VER-25Q1	Project #: 50024222			
Site: Vistra Corp-Vermilion	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21 BL	904.0/PrecSep_0 BL	Ra226_228GFPC_P/ BL	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
03R (500-264493-18)	2/27/25	14:10 Central	G	Water			X	X	X	2	
05 (500-264493-19)	2/27/25	12:45 Central	G	Water			X	X	X	2	
08R (500-264493-20)	2/27/25	14:50 Central	G	Water			X	X	X	2	
22 (500-264493-22)	2/27/25	15:15 Central	G	Water			X	X	X	2	
35&D (500-264493-23)	2/27/25	10:55 Central	G	Water			X	X	X	2	
41 (500-264493-24)	2/27/25	13:20 Central	G	Water			X	X	X	2	
41_FD (500-264493-25)	2/27/25	13:25 Central	G	Water			X	X	X	2	
42 (500-264493-26)	2/27/25	11:15 Central	G	Water			X	X	X	2	
42 (500-264493-26MS)	2/27/25	11:15 Central	G	Water			X	X		2	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by: Stephanie Hernandez	Date/Time: 2/28/25 1600	Company: EETA	Received by: M. Pinette	Date/Time: MAR 0 3 2025 0815	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: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COC No: 500-198916.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264493-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/31/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: VER-25Q1	Project #: 50024222			
Site: Vistra Corp-Vermilion	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21 BL	904.0/PrecSep_0 BL	Ra226_228GFPC_P/ BL	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
42 (500-264493-26MSD)	2/27/25	11:15 Central	G	Water			X	X		2	-
43 (500-264493-27)	2/27/25	13:10 Central	G	Water			X	X	X	2	-
71&D (500-264493-28)	2/27/25	10:05 Central	G	Water			X	X	X	2	
71#S (500-264493-29)	2/27/25	09:00 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by: Stephanie Hernandez	Date/Time: 2/28/25 1600	Company: EETA	Received by: M. Pinette	Date/Time: MAR 0 3 2025 0815	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: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Nelson, Dirk	Carrier Tracking No(s): N/A	COC No: 500-198919.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dirk.Nelson@et.eurofinsus.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-264493-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/13/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: VER-25Q1	Project #: 50024222			
Site: Vistra Corp-Vermilion	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PrecSep_21 BL	904.0/PrecSep_0 BL	Ra226_228GFPC_P/ BL	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
10R (500-264493-30)	2/28/25	09:45 Central	G	Water			X	X	X	2	
FB (500-264493-31)	2/28/25	08:20 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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/28/25 1650		M. Pinette	MAR 0 3 2025 0815	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-264493-2
SDG Number: VER_000_RAD

Login Number: 264493
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	0.3,2.7,2.8,4.8,2.8,1.9,3.2,4.8
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.

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-264493-2
SDG Number: VER_000_RAD

Login Number: 264493
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/28/25 11:33 AM

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

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

Login Sample Receipt Checklist

Client: Vistra Energy Corp

Job Number: 500-264493-2
SDG Number: VER_000_RAD

Login Number: 264493
List Number: 3
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 03/03/25 10:42 AM

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

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

Tracer/Carrier Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
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)						
500-264493-1	16A	87.2						
500-264493-2	16A_FD	85.9						
500-264493-3	21	81.7						
500-264493-3 MS	21	85.1						
500-264493-3 MSD	21	81.9						
500-264493-4	02	88.2						
500-264493-5	04	86.6						
500-264493-6	04_FD	88.5						
500-264493-7	07R	74.6						
500-264493-8	20	84.8						
500-264493-9	34	88.0						
500-264493-10	36	81.9						
500-264493-11	37	89.0						
500-264493-12	37_FD	89.0						
500-264493-13	38	85.9						
500-264493-14	70&D	90.6						
500-264493-15	70#S	86.1						
500-264493-18	03R	77.7						
500-264493-19	05	84.6						
500-264493-20	08R	84.3						
500-264493-22	22	71.5						
500-264493-23	35&D	86.1						
500-264493-24	41	80.2						
500-264493-25	41_FD	72.1						
500-264493-26	42	82.0						
500-264493-26 MS	42	78.9						
500-264493-26 MSD	42	84.6						
500-264493-27	43	78.6						
500-264493-28	71&D	68.5						
500-264493-29	71#S	76.3						
500-264493-30	10R	80.2						
500-264493-31	FB	88.5						
LCS 160-705866/2-A	Lab Control Sample	84.3						
LCS 160-706368/2-A	Lab Control Sample	90.4						
MB 160-705866/1-A	Method Blank	85.9						
MB 160-706368/1-A	Method Blank	93.2						

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

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

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)					
500-264493-1	16A	87.2	87.1					
500-264493-2	16A_FD	85.9	87.9					
500-264493-3	21	81.7	86.0					
500-264493-3 MS	21	85.1	84.1					

Tracer/Carrier Summary

Client: Vistra Energy Corp
Project/Site: VER-25Q1

Job ID: 500-264493-2
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)**							
500-264493-3 MSD	21	81.9	80.4							
500-264493-4	02	88.2	86.0							
500-264493-5	04	86.6	82.6							
500-264493-6	04_FD	88.5	86.7							
500-264493-7	07R	74.6	89.7							
500-264493-8	20	84.8	86.4							
500-264493-9	34	88.0	90.1							
500-264493-10	36	81.9	83.0							
500-264493-11	37	89.0	74.8							
500-264493-12	37_FD	89.0	83.7							
500-264493-13	38	85.9	83.7							
500-264493-14	70&D	90.6	93.5							
500-264493-15	70#S	86.1	90.5							
500-264493-18	03R	77.7	88.2							
500-264493-19	05	84.6	86.4							
500-264493-20	08R	84.3	87.5							
500-264493-22	22	71.5	96.8							
500-264493-23	35&D	86.1	86.4							
500-264493-24	41	80.2	83.7							
500-264493-25	41_FD	72.1	84.5							
500-264493-26	42	82.0	81.1							
500-264493-26 MS	42	78.9	81.1							
500-264493-26 MSD	42	84.6	89.0							
500-264493-27	43	78.6	90.5							
500-264493-28	71&D	68.5	82.2							
500-264493-29	71#S	76.3	81.1							
500-264493-30	10R	80.2	87.1							
500-264493-31	FB	88.5	86.0							
LCS 160-705867/2-A	Lab Control Sample	84.3	81.1							
LCS 160-706369/2-A	Lab Control Sample	90.4	83.4							
MB 160-705867/1-A	Method Blank	85.9	88.6							
MB 160-706369/1-A	Method Blank	93.2	84.5							

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Field Calibration Form
Groundwater Quality Meter

Groundwater Quality Meter Manufacturer/Model YSI
Serial Number FAO 3312
Project: Vermillion Q1 2025
oxidation/reduction potential, dissolved oxygen, pH, turbidity

	Date of Calibration Check	Parameter Tested	Calibration Standard Concentration	Calibration Reading	Within +/_ 10% (yes or no)	Comments If necessary, recalibrate and note results here
Day 1	2/25/25	Spec Cond.	7.0	7.64	Y	
		Diss Oxy	0.0	0.19	NA	Sodium Sulfite
		pH Pre	7.0	7.19	Y	
		pH Midday	ℓ	ℓ	ℓ	Not Used
		pH Post	ℓ	ℓ	ℓ	Not Used
		Turbidity	0.0	0.30	NA	DI Water
Day 2	2/26/25	Spec Cond.	7.00	7.53	Y	
		Diss Oxy	0.0	0.14	NA	Sodium Sulfite
		pH Pre	7.0	7.42	Y	
		pH Midday	7.0	7.45	Y	
		pH Post	4.00	4.50	N → recalibrated to 4.0	
		Turbidity	0.00	0.30	NA	DI Water
Day 3	2/27/25	Spec Cond.	7.00	7.33	Y	
		Diss Oxy	0.0	0.07	NA	
		pH Pre	10.0	10.45	Y	
		pH Midday	7.0	7.64	Y	
		pH Post	4.0	4.32	Y	
		Turbidity	0.0	0.10	NA	
Day 4	2/28/25	Spec Cond.	7.0	7.32	Y	
		Diss Oxy	0.0	~~0.20~~ 0.04	NA	
		pH Pre	7.0	7.09	Y	
		pH Midday				
		pH Post				
		Turbidity				
Day 5		Spec Cond.				
		Diss Oxy				
		pH Pre				
		pH Midday				
		pH Post				
		Turbidity				
Day 6		Spec Cond.				
		Diss Oxy				
		pH Pre				
		pH Midday				
		pH Post				
		Turbidity				

Specific Conductivity: Daily Calibration Verification (Bump)
pH: 3 Calibration Verifications (Bump) a Day
Dissolved Oxygen: Should be Calibrated Daily
Turbidity: Calibration verification daily (Bump) used with DI Water

Field Calibration Form
Groundwater Quality Meter

Groundwater Quality Meter Manufacturer/Model YSI
Serial Number FA04590
oxidation/reduction potential, dissolved oxygen, pH, turbidity

Project: Vermillion Q1 2025

	Date of Calibration Check	Parameter Tested	Calibration Standard Concentration	Calibration Reading	Within +/_ 10% (yes or no)	Comments If necessary, recalibrate and note results here
Day 1	2/25/25	Spec Cond.	7.0	8.07	N → Recalibrated to	7.0
		Diss Oxy	0.0	0.20	NA	
		pH Pre	4.0	3.80	Y	
		pH Midday	4.0	3.92	Y	
		pH Post	7.0	6.90	Y	
		Turbidity	0.0	0.15	NA	
Day 2	2/26/25	Spec Cond.	7.0	8.47	N→ Recalibrated	to 7.0
		Diss Oxy	0.0	0.37	NA	
		pH Pre	7.0	7.25	Y	
		pH Midday	10.0	10.07	Y	
		pH Post	4.0	4.04	Y	
		Turbidity	0.0	0.65	NA	
Day 3	2/27/25	Spec Cond.	7.0	32.8	N→ Recalibrated to	7.0
		Diss Oxy	0.0	0.05	NA	
		pH Pre	7.0	6.70	Y	
		pH Midday	4.0	3.90	Y	
		pH Post	7.0	6.85	Y	
		Turbidity	0.0	0.70	NA	
Day 4		Spec Cond.				
		Diss Oxy				
		pH Pre				
		pH Midday				
		pH Post				
		Turbidity				
Day 5		Spec Cond.				
		Diss Oxy				
		pH Pre				
		pH Midday				
		pH Post				
		Turbidity				
Day 6		Spec Cond.				
		Diss Oxy				
		pH Pre				
		pH Midday				
		pH Post				
		Turbidity				

Specific Conductivity: Daily Calibration Verification (Bump)
pH: 3 Calibration Verifications (Bump) a Day
Dissolved Oxygen: Should be Calibrated Daily
Turbidity: Calibration verification daily (Bump) used with DI Water

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 02

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

Stick-up Monitoring Wells

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

Flushmount Monitoring Wells

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

All Monitoring Wells

	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?			
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?			
16. Installed as total depth.			
17. Measured total depth of well.			

	ft	
	ft	
	ft	

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

Comments:

DTW: 19.37 Dedicated Tubing: Y N (Circle)

DTB: 32.44

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 03R

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?	↓		
14. No plant roots or vegetation in well?	↓		
15. No sediment in bottom of well?	↓		
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		
General Condition	Yes	No	NA
18. Concrete pad installed?	X		
19 . Concrete pad	↓		
Slope away form casing?	↓		
Not deteriorated?	↓		
Not heaved or below surrounding grade?	↓		
20. No surface seal settling?	↓		
21. Well clearly visible and labeled?	↓		

Comments:

DTW: 8.21
DTB: 29.58

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 04 2/25/25
Well Number:

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition	X			
12. Water level measuring point clearly marked?				
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
15. No sediment in bottom of well?				
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 7.35
DTB: 11.10

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 05

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?	↓		
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		
General Condition	Yes	No	NA
18. Concrete pad installed?	X		
19 . Concrete pad	↓		
Slope away form casing?			
Not deteriorated?			
Not heaved or below surrounding grade?			
20. No surface seal settling?			
21. Well clearly visible and labeled?			

Comments:

DTW: 7.19
DTB: 14.38

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion 01
Inspection Date: 2/24/25
Well Number: 06R

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?			
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		
General Condition	Yes	No	NA
18. Concrete pad installed?	X		
19 . Concrete pad			
Slope away form casing?			
Not deteriorated?			
Not heaved or below surrounding grade?			
20. No surface seal settling?			
21. Well clearly visible and labeled?			

Comments:

DTW: 5.14 Dedicated Tubing: Y N (Circle)

DTB: 13.42

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 07R

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	↓			
14. No plant roots or vegetation in well?	↓			
15. No sediment in bottom of well?	↓			
If present, how much sediment?	↓			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			
	ft			
General Condition	Yes	No	NA	
18. Concrete pad installed?	X			
19 . Concrete pad	↓			
Slope away form casing?	↓			
Not deteriorated?	↓			
Not heaved or below surrounding grade?	↓			
20. No surface seal settling?	↓			
21. Well clearly visible and labeled?	↓			

Comments:

DTW: 19.19 Dedicated Tubing: Y (N) (Circle)

DTB: 23.41

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 8R

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	↓			
14. No plant roots or vegetation in well?	↓			
15. No sediment in bottom of well?	↓			
If present, how much sediment?	↓			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			
	ft			
General Condition	Yes	No	NA	
18. Concrete pad installed?	X			
19 . Concrete pad				
Slope away form casing?	↓			
Not deteriorated?	↓			
Not heaved or below surrounding grade?	↓			
20. No surface seal settling?	↓			
21. Well clearly visible and labeled?	↓			

Comments:

DTW: 13.99
DTB: 14.64

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 10R

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
15. No sediment in bottom of well?				
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			
General Condition	Yes	No	NA	
18. Concrete pad installed?				
19 . Concrete pad				
Slope away form casing?	X			
Not deteriorated?				
Not heaved or below surrounding grade?				
20. No surface seal settling?				
★ 21. Well clearly visible and labeled?		X		No label

Comments:

DTW: 51.61 Dedicated Tubing: Y (N) (Circle)
DTB: 62.18

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 16A

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?			
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		

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

Comments:

DTW: 13.004
DTB: 41.11

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 16B

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?			
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		

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

Comments:

DTW: DRY
DTB: 7.33

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 17

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?	X		
14. No plant roots or vegetation in well?	X		
15. No sediment in bottom of well?	X		
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		

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

Comments:

DTW: 38.78 Dedicated Tubing: Y N (Circle)

DTB: 57.74

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 18

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?			
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		

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

Comments:

DTW: 26.11 Dedicated Tubing: (Y) N (Circle)

DTB: 40.72

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/25/25
Well Number: 20

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	✓			
13. No obstructions in well?	↓			
14. No plant roots or vegetation in well?				
15. No sediment in bottom of well?				
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			
General Condition	Yes	No	NA	
18. Concrete pad installed?	X			
19 . Concrete pad	↓			
Slope away form casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
20. No surface seal settling?				
21. Well clearly visible and labeled?				

Comments:

DTW: 14.77 Dedicated Tubing: (Y) N (Circle)

DTB: 16.29

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 21

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?			
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		

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

Comments:

DTW: 91.54
DTB: 106.82

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 22

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	↓			
14. No plant roots or vegetation in well?	↓			
15. No sediment in bottom of well?	↓			
If present, how much sediment?	↓			
16. Installed as total depth.	0 ft			
17. Measured total depth of well.	ft			
	ft			

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

Comments:

DTW: 56.15
DTB: 88.55

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 23 2/24/25
Well Number:

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?	X		
14. No plant roots or vegetation in well?	X		
15. No sediment in bottom of well?	X		
If present, how much sediment?	0 ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		

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

Comments:

DTW: 24.21
DTB: 25.23

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 24

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 24.13
DTB: 58.03

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 25

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 17.88
DTB: 42.54

Dedicated Tubing: Y (N) (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/25/25
Well Number: 34

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

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

	Yes	No	NA
2. Inner casing			
Not corroded	X		
Not dented	↓		
Not cracked	↓		
Not loose	↓		

	Yes	No	NA
3. Are there weep holes in outer casing?	X		
4. Weep holes able to drain?	↓		
5. Is there a lockable cap present?	↓		
6. Is there a lock present?	↓		
7. Bumper posts in good condition?	↓		

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?	↓		
14. No plant roots or vegetation in well?	↓		
15. No sediment in bottom of well?	↓		
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		

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

Comments:

DTW: 14.61 Dedicated Tubing: (Y) N (Circle)

DTB: ~~[illegible]~~ 50.77

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/25/25
Well Number: ~~38~~ 35D

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition	X		
12. Water level measuring point clearly marked?	↓		
13. No obstructions in well?	↓		
14. No plant roots or vegetation in well?	↓		
15. No sediment in bottom of well?	↓		
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		

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

Comments:

DTW: 10.60
DTB: 49.12

Dedicated Tubing: Y (N) (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/25/25
Well Number: 35S

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	↓			
14. No plant roots or vegetation in well?	↓			
15. No sediment in bottom of well?	↓			
If present, how much sediment?				
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			
	ft			
General Condition	Yes	No	NA	
18. Concrete pad installed?	X			
19 . Concrete pad	↓			
Slope away form casing?	↓			
Not deteriorated?	↓			
Not heaved or below surrounding grade?	↓			
20. No surface seal settling?	↓			
21. Well clearly visible and labeled?	↓			

Comments:

DTW: 12.00 Dedicated Tubing: Y N (Circle)

DTB: 12.51

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 36

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?	↓		
14. No plant roots or vegetation in well?	↓		
15. No sediment in bottom of well?	↓		
If present, how much sediment?	↓		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		
	ft		

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

Comments:

DTW: 14.90
DTB: 20.00

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion (Q1)
Inspection Date: 2/24/25
Well Number: 37

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?			
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?			
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		
	ft		
General Condition			
18. Concrete pad installed?	X		
19 . Concrete pad			
Slope away form casing?			
Not deteriorated?			
Not heaved or below surrounding grade?			
20. No surface seal settling?			
21. Well clearly visible and labeled?			

Comments:

DTW: 8.31
DTB: 49.10

Dedicated Tubing (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/25/25
Well Number: 38

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?			
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?			
16. Installed as total depth.			
17. Measured total depth of well.			

0 ft		
ft		
ft		

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

Comments:

DTW: 4.40 Dedicated Tubing: (Y) N (Circle)

DTB: 27.96

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 41

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

Stick-up Monitoring Wells

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

Flushmount Monitoring Wells

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

All Monitoring Wells

	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?			
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?	0 ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		
General Condition			
18. Concrete pad installed?	X		
19 . Concrete pad			
Slope away form casing?			
Not deteriorated?			
Not heaved or below surrounding grade?			
20. No surface seal settling?			
21. Well clearly visible and labeled?			

Comments:

DTW: 6.19
DTB: 26.85

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/25/25
Well Number: 42

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition	X			
12. Water level measuring point clearly marked?	↓			
13. No obstructions in well?				
14. No plant roots or vegetation in well?	↓			
15. No sediment in bottom of well?				
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 26.17
DTB: 54.29

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/25/25
Well Number: 43

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
15. No sediment in bottom of well?				
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 160.11 Dedicated Tubing: (Y) N (Circle)

DTB: 53.39

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 4R

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
15. No sediment in bottom of well?				
If present, how much sediment?				
16. Installed as total depth.				
17. Measured total depth of well.				
General Condition	Yes	No	NA	
18. Concrete pad installed?	X			
19 . Concrete pad				
Slope away form casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
20. No surface seal settling?				
21. Well clearly visible and labeled?				

	ft
	ft
	ft

Comments:

DTW: 14.64
DTB: 43.74

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 700

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

Stick-up Monitoring Wells

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

Flushmount Monitoring Wells

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

All Monitoring Wells

	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
15. No sediment in bottom of well?				
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 17.10 Dedicated Tubing: Y N (Circle)

DTB: 48.61

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 708

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
15. No sediment in bottom of well?				
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			
General Condition	Yes	No	NA	
18. Concrete pad installed?	X			
19 . Concrete pad				
Slope away form casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
20. No surface seal settling?				
21. Well clearly visible and labeled?				

Comments:

DTW: 13.35
DTB: 19.74

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 910

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?	X		
14. No plant roots or vegetation in well?	X		
15. No sediment in bottom of well?	X		
If present, how much sediment?	0 ft		
16. Installed as total depth.	0 ft		
17. Measured total depth of well.	0 ft		

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

Comments:

DTW: 28.90
DTB: 38.69

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 715

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
15. No sediment in bottom of well?				
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			
General Condition	Yes	No	NA	
18. Concrete pad installed?	✓			
19 . Concrete pad				
Slope away form casing?				
Not deteriorated?				
Not heaved or below surrounding grade?				
20. No surface seal settling?				
21. Well clearly visible and labeled?				

Comments:

DTW: 11.43
DTB: 12.47

Dedicated Tubing: Y (N) (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 73

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

Stick-up Monitoring Wells

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

Flushmount Monitoring Wells

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

All Monitoring Wells

	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	↓			
14. No plant roots or vegetation in well?	↓			
15. No sediment in bottom of well?	↓			
If present, how much sediment?	↓			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			
	ft			
General Condition				
18. Concrete pad installed?	X			
19 . Concrete pad	↓			
Slope away form casing?	↓			
Not deteriorated?	↓			
Not heaved or below surrounding grade?	↓			
20. No surface seal settling?	↓			
21. Well clearly visible and labeled?	↓			

Comments:

DTW: 13.68
DTB: 20.49

Dedicated Tubing: Y (N) (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion QA
Inspection Date: 2/24/25
Well Number: 101

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	0 ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 107.66
DTB: 156.55

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 101S

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	0 ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			
General Condition	Yes	No	NA	
18. Concrete pad installed?	X			
19 . Concrete pad				
Slope away form casing?	X			
Not deteriorated?	X			
Not heaved or below surrounding grade?	X			
20. No surface seal settling?	X			
21. Well clearly visible and labeled?	X			

Comments:

DTW: 59.90
DTB: 64.85

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 1025

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 72.01
DTB: 78.08

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 107.8

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

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

	Yes	No	NA	
2. Inner casing				
Not corroded	X			
Not dented				
Not cracked				
Not loose				

	Yes	No	NA	
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?	X			
5. Is there a lockable cap present?	X			
6. Is there a lock present?	X			
7. Bumper posts in good condition?	X			

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?				
13. No obstructions in well?				
14. No plant roots or vegetation in well?				
15. No sediment in bottom of well?				
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 125.24 Dedicated Tubing: (Y) N (Circle)

DTB: 155.02

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 103R

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 137.32 Dedicated Tubing: (Y) N (Circle)

DTB: 166.21

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 1035

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

Stick-up Monitoring Wells

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

Flushmount Monitoring Wells

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

All Monitoring Wells

	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	✓			
13. No obstructions in well?	✓			
14. No plant roots or vegetation in well?	✓			
15. No sediment in bottom of well?	✓			
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 58.09 Dedicated Tubing: Y (N) (Circle)

DTB: 76.38

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 104

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

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

	Yes	No	NA	
2. Inner casing	X			
Not corroded				
Not dented				
Not cracked				
Not loose				

	Yes	No	NA	
3. Are there weep holes in outer casing?	X			
4. Weep holes able to drain?	X			
5. Is there a lockable cap present?	X			
6. Is there a lock present?				
7. Bumper posts in good condition?				

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 126.70 Dedicated Tubing: (Y) N (Circle)
DTB: 163.50

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 10MS

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 72.92
DTB: 84.70

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 105

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 119.80 Dedicated Tubing: (Y) N (Circle)

DTB: 141.04

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: 105S

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 66.82
DTB: 77.06

Dedicated Tubing: (Y) N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: ND3

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

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

	Yes	No	NA
2. Inner casing			
Not corroded	X		
Not dented			
Not cracked			
Not loose			

	Yes	No	NA
3. Are there weep holes in outer casing?		X	
4. Weep holes able to drain?			
5. Is there a lockable cap present?			
6. Is there a lock present?			
7. Bumper posts in good condition?			

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?			
14. No plant roots or vegetation in well?			
15. No sediment in bottom of well?			
If present, how much sediment?	ft		
16. Installed as total depth.	ft		
17. Measured total depth of well.	ft		

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

Comments:

DTW: 18.20
DTB: 23.45

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion Q1
Inspection Date: 2/24/25
Well Number: NED-1

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

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

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

All Monitoring Wells	Yes	No	NA	
Downhole Condition				
12. Water level measuring point clearly marked?	X			
13. No obstructions in well?	X			
14. No plant roots or vegetation in well?	X			
15. No sediment in bottom of well?	X			
If present, how much sediment?	ft			
16. Installed as total depth.	ft			
17. Measured total depth of well.	ft			

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

Comments:

DTW: 4.31
DTB: 16.94

Dedicated Tubing: Y N (Circle)

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

Monitoring Well Evaluation Checklist

Site: Vermillion (2)
Inspection Date: 2/25/25
Well Number: OED-1

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

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

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

All Monitoring Wells	Yes	No	NA
Downhole Condition			
12. Water level measuring point clearly marked?	X		
13. No obstructions in well?	X		
14. No plant roots or vegetation in well?	X		
15. No sediment in bottom of well?	X		
16. Installed as total depth.	X		
17. Measured total depth of well.	X		
If present, how much sediment?	0 ft		
	0 ft		
	0 ft		

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

Comments:

DTW:	43.76	Dedicated Tubing: Y N (Circle)	
DTB:	47.63		

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

SAR-4: Plant Sampling and Analysis Request
Event: VER-25Q1
Date Generated: 12/30/2024
All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

Well	Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Serial Number	Does Data Logger Serial No Match?	WL Reading on Transducer (ft)	Data downloaded?	Batt (H/M/L/R)	Comments	Initials
02	VER_002	2/24/25	1637	19.32	(removed)	N/A	N/A	N/A	N/A	Removed, to be reinstalled Q2	
03R	VER_003R	2/24/25	1700	8.21	(removed)	N/A	N/A	N/A	N/A	Removed, to be reinstalled Q2	
04	VER_004	2/25/25	0858	7.35	21615494	Y	583.3827	Y	H	11.16	
05	VER_005	2/24/25	1720	7.19	(removed)	N/A	N/A	N/A	N/A	Removed, to be reinstalled Q2	
07R	VER_007R	2/24/25	1635	19.19	21863672	Y	576.1363	Y	H		
08R	VER_008R	2/24/25	1701	13.99	(removed)	N/A	N/A	N/A	N/A	Removed, to be reinstalled Q2	
10R	VER_010R	2/24/25	1145	51.61	21921674	NA	NA	NA	NA	Not present	
101	VER_101&	2/24/25	0945	107.66	21739729	Y	598.0241	Y	H		
103R	VER_103R	2/24/25	1107	137.32	21615619	Y	136.4625	Y	M		
16A	VER_016A	2/24/25	1219	13.09	22027599	NA	N/A	Y	?	Diver transducer	
17	VER_17	2/24/25	1609	38.78	(removed)	N/A	N/A	N/A	N/A	Removed, to be reinstalled Q2	
20	VER_020	2/25/25	0875	14.77	21863671	Y	577.6[illegible]	Y	H	16.[illegible]	
21	VER_021	2/24/25	1130	91.54	21615622	Y	581.2048	Y	H		
22	VER_022	2/24/25	1139	56.45	21739726	Y	602.4261	Y	H		
34	VER_034	2/25/25	0823	14.61	21615519	Y	577.9411	Y	H		
35D	VER_035&D	2/25/25	0900	10.60	22027600	Y	N/A	Y	P	Diver transducer	
36	VER_036	2/24/25	1620	14.93	21863670	Y	575.5949	Y	H		
37	VER_037	2/24/25	1621	8.31	21863668	Y 28		Y	Replaced	No detection on hobo ware, Batteries replaced	
38	VER_038	2/25/25	0812	4.40	21863674	Y	582.2148	Y	H		
41	VER_041	2/24/25	1709	6.19	21615517	Y	581.1957	Y	H		
42	VER_042	2/25/25	0736	26.17	(removed)	N/A	N/A	N/A	N/A	Removed, to be reinstalled Q2	
43	VER_043	2/25/25	0743	16.11	21615627	Y	592.0381	Y	H		
70D	VER_070&D	2/24/25	1150	17.19	21615620	Y	577.5293	Y	H		
70S	VER_070#S	2/24/25	1152	13.35	(removed)	N/A	N/A	N/A	N/A	Removed, to be reinstalled Q2	
71D	VER_071&D	2/24/25	1157	28.96	21863675	Y	550.4979	Y	M		
71S	VER_071#S	2/24/25	1200	11.43	21615599	Y	576.7370	Y	H		
72	VER_072	2/24/25	1652	13.68	–	NA	NA	NA	NA		
ND3	VER_ND3	2/25/25	0754	18.26	22027602	NA	N/A	Y	NA	Diver transducer	
NED1	VER_NED1	2/24/25	1536	4.31	22027601	NA	N/A	Y	NA	Diver transducer	
OED1	VER_OED1	2/25/25	08:35	43.76	22027603	NA	N/A	Y	NA	Diver transducer	
RG01	VER_RG01	2/24/25	0955	—	21628686	NA	NA	Y	NA	Rain Gauge	
SG01	VER_YSG01	2/24/25	1051	18.33	(removed)	N/A	N/A	N/A	N/A	Removed, to be reinstalled Q2	

SAR-3: Plant Sampling and Analysis Request
Event: VER-25Q1
Date Generated: 12/30/2024
All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

Well	Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Comments	Initials
101S	VER_101#S	2/24/25	0938	59.90		
102	VER_102&	↓	1005	123.24		
102S	VER_102#S	↓	1010	72.01		
103S	VER_103#S	↓	1105	58.09		
104	VER_104&	↓	1026	126.70		
104S	VER_104#S	↓	1025	72.92		
105	VER_105&	↓	1117	119.80		
105S	VER_105#S	↓	1120	66.82		
16B	VER_016!B	↓	1220	DRY		
23	VER_023	↓	1550	24.21		
24	VER_024	↓	1551	24.13		
25	VER_025	↓	1038	17.88		
35S	VER_035#S	2/25/25	0858	12.00		
XSG01	VER_XSG01	NA	NA	NA		
44	Ver-44	2/25/25	0745	14.64		

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2. /26/2025
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer
Field Personnel: G. Assalley

WELL INFORMATION

Well ID: 02
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA04590
Heron Serial NO: FA04489

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	1130	0	19.29	—	—	—	—	—	—	—	—
Purge	5	1135	0.5	21.94		13.1	7.77	1044	0.17	10.24	-151.7	Clear
	10	1140	1	21.73		12.7	7.79	1049	0.08	5.09	-183.5	" "
	15	1145	1.5	21.55		12.6	7.80	1044	0.10	5.82	-185.3	" "
********	20	1150	2	21.46		12.6	7.80	1048	0.05	5.26	-191.7	" "
Sample	25	1155										
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1155 on 2 /26 / 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

02 sampled @ 1155 on 2/26/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 /27/2025
Field Personnel: G. Assalluy
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 03R
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA03312
Heron Serial NO: FA04489

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	1335	—	8.63		—	—	—	—	—	—	—
Purge	5	1340	0.5>	8.60		9.9	7.62	1722	1.43	27.36	-26.4	Clear
	10	1345	1	8.57		9.9	7.65	1710	0.42	26.21	-136.4	
	15	1350	2	8.51		10.0	7.64	1711	0.48	25.32	-134.6	
*******	20	1355	3	8.59		9.8	7.64	1708	0.45	25.72	-140.7	
	25	1400	4	8.53		9.8	7.64	1709	0.39	24.39	-139.4	
	30	1405	4.5	8.50		9.8	7.64	1710	0.42	24.99	-139.3	
Sample	35	1410		—	—	—	—	—	—	—	—	
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

03R
Sampled @1410 on 2 /27/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

03R sampled @ 1410 on 2/27/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/26/2025
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer
Field Personnel: G. Assalley

WELL INFORMATION

Well ID: 04
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA03312
Heron Serial NO: FA01456

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	1140	—	7.31		—	—	—	—	—	—	—
Purge	5	1145		7.39		6.2	8.14	615	0.68	401.37	-162.74	Cloudy
	10	1150		7.43		6.5	8.03	623	0.15	16.77	-155.32	Cloudy
	15	1155		7.48		6.5	7.91	681	0.05	8.47	-159.72	Clear
*******	20	1200		7.52		6.4	7.85	711	0.02	5.48	-154.32	
	25	1205		7.56		6.3	7.82	733	0.61	3.68	-159.32	
	30	1210		7.64		6.3	7.82	746	0.08	3.30	-160.37	
	35	1215		7.69		6.2	7.81	756	0.01	2.05	-164.72	
	40	1220		7.71		6.2	7.83	769	0.02	2.13	-167.81	
	45	1225		7.75		6.2	7.82	772	0.02	1.75	-167.83	
Sample	50	1230		—		—	—	—	—	—	—	—
	55											
	60											

NOTES (continued)

Sampled @1230 on 2/26/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

04 sampled 12:30 2/26/25

04_FD sampled 12:30 2/26/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 27/2025
Field Personnel: G. Assalley
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 5
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA03312
Heron Serial NO: FA04489

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	—	7.64	—	—	—	—	—	—	—	—
Purge	5	1225	0.5>	7.68		8.4	7.76	956	0.60	18.94	42.2	Clear
↓	10	1230	1	7.79		8.4	7.70	959	0.15	7.34	6.0	↓
	15	1235	1.5	8.69		8.3	7.65	963	0.02	5.54	10.7	
*******	20	1240	1.5	8.76		8.4	7.64	962	0.04	9.93	8.4	
Sample	25	1245	—	—	—	—	—	—	—	—		—
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

5
Sampled @ 1245 on 2/27/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

Ver_5 sampled @ 1245 on 2/27/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/26/2025
Field Personnel: G. Assailly
Sampling Equipment Used (Circle): Dedicated Bladder ~~Peristaltic Pump~~ Portable Bladder Bailer

WELL INFORMATION

Well ID: 07R
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: FA04590
Heron Serial NO: FA04439

WATER QUALITY INDICATOR PARAMETERS (continued)

Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1005	—	20.69	—	—	—	—	—	—	—	—
Purge	5	1010	<0.5	20.89		11.3	6.82	3157	1.72	865.24	-0.6	Red, Cloudy
	10	1015	0.5	21.09		11.7	6.85	3149	1.40	743.75	9.6	" "
	15	1020	0.5	21.10		11.3	6.86	3149	1.39	363.75	11.5	" "
********	20	1025	0.5	21.11		11.3	~~6.88~~ 6.90	3120	3.62	352.42	28.0	Clear
	25	1030	1	21.10		11.3	6.90	3143	3.59	323.72	37.4	" "
	30	1035	1	21.12		11.3	6.93	3154	3.52	344.32	34.7	Cloudy
Sample	35	1040										
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

07R
Sampled @ 1040 on 2/26/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC -
Specific Electrical Conductance SU - Standard

07R sampled @ 1040 on 2/26/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/27/2025
Field Personnel: G. Assalley
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 08R
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA03312
Heron Serial NO: FA04489

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	1420	~~0~~	13.98		—	—	—	—	—	—	—
Purge	5	1425	0.5>	14.24		8.4	7.79	1678	0.23	40.23	-35.7	Clear
	10	1430	1	14.21		8.4	8.11	1669	0.89	26.77	-40.2	
	15	1435	1.5	14.21		8.5	8.15	1669	1.07	6.45	-44.7	
*******	20	1440	2	14.21		8.5	8.20	1667	1.12	7.42	-45.6	
	25	1445	2.5	14.22		8.6	8.20	1668	1.10	5.33	-46.7	
Sample	30	1450				—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1450 on 2/27/2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing
ORP - Oxidation-Reduction Potential
SEC - Specific Electrical Conductance
SU - Standard

08R sampled @ 1450 on 2/27/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Project Number: 2025.0021 Task #:
Client: Vistra
Start Date: 2 /28/2025
Field Personnel: G. Assaling / Angelica R.
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer
* Geosub Pump

WELL INFORMATION

Well ID: 10R
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA03312
Heron Serial NO: FA0 4489

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	0920	—	52.46	—	—	—	—	—	—	—	—
Purge	~~5~~ 5	0925	3	52.71		13.4	6.94	1116	0.06	57.04	90.2	Brown
	~~10~~ 8	0928	5	52.23		13.6	7.08	1077	0.08	1284.3	-45.3	" "
	~~15~~ 11	0931	6	52.32		13.6	7.10	1071	0.03	519.75	-94.3	" "
*******	~~20~~ 14	0934	7	52.44		13.6	7.11	1066	0.02	495.32	-100.2	" "
	~~25~~ 17	0937	8	52.47		13.7	7.11	1065	0.02	268.72	-115.2	" "
	~~30~~ 20	0940	8.5	52.52		13.6	7.11	1060	0.01	248.46	-120.4	" "
	~~35~~ 23	0943	9	52.63		13.7	7.11	1057	0.07	252.72	-120.7	" "
Sample	~~40~~	0945		52.91								
	~~45~~											
	~~50~~											
	~~55~~											
	~~60~~											

NOTES (continued)

10R
Sampled @0945 on 2 / 28 / 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

10R sampled @ 0945 on 2/28/25
* 3 min. intervals due to Geosubp pump flow rate (fixed)

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/25/2025
Sampling Equipent Used (Circle): Dedicated Bladder, Peristaltic Pump, Portable Bladder, Bailer
Field Personnel: Angelita Ramos

WELL INFORMATION

Well ID: 16A
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA04590
Heron Serial NO: FA01456

WATER QUALITY INDICATOR PARAMETERS (continued)

Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1150	0	13.09	—	—	—	—	—	—	—	—
Purge	5	12:05	<0.5	~~15.21~~		12°C	7.35	1258	0.36	22.66	65.1	Clear
	10	12:10	0.5	15.24		11.9	7.46	1228	0.11	18.43	37.5	Clear
	15	12:15	1	16.1		11.8	7.46	1227	0.46	15.04	4.5	Clear
*******	20	12:20	1	17.34		11.8	7.48	1224	0.29	17.49	-63.9	Clear
	25	12:25	1.5	18.2		11.8	7.49	1223	0.22	14.89	-83.5	Clear
	30	12:30	2	18.72		11.8	7.50	1212	0.18	12.49	-99.9	Clear
	35	12:35	2	19.43		11.9	7.50	1208	0.16	12.46	-107.7	Clear
	40	12:40	2.5	20.3		11.9	7.51	1206	0.12	12.37	-114.6	Clear
	45	12:45	3	20.9		12.0	7.52	1198	0.11	12.31	-110.8	Clear
Sample	50	12:50										
	55											
	60											

NOTES (continued)

Sampled @ 12:50 on 2/25/2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

16A Duplicate Sampled @ 12:55 2/25/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/25/2025
Sampling Equipent Used (Circle): Dedicated Bladder, Peristaltic Pump, Portable Bladder, Bailer
Field Personnel: Angelica Ramos

WELL INFORMATION

Well ID: 108
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA04510
Heron Serial NO: FA0K456

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	—	—	—	—	—	—	—	—	—	—	—
Purge	5											
	10											
	15											
*******	20											
	25											
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 1145 on 2/25/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

Dry @ 11:45 am
No Sample; Dry

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 /27/2025
Sampling Equipent Used (Circle): Dedicated Bladder, Peristaltic Pump, Portable Bladder, Bailer
Field Personnel: Angelica Ramos

WELL INFORMATION

Well ID: 17
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA04590
Heron Serial NO: FA01456

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	8:35	0	38.57		~~11.5~~	~~6.48~~	~~1766~~	~~1.04~~	~~32.98~~	~~100.0~~	~~clear~~
Purge	5	8:40	0.5	40.33		11.5	6.48	1766	1.04	32.98	100.0	clear
	10	8:45	0.5	41.09		11.5	6.51	1756	1.13	17.17	97.7	clear
	15	8:50	1.0	43.83		11.6	6.55	1761	1.34	13.56	92.6	clear
*******	20	8:55	1.5	45.44		11.6	6.58	1763	1.56	12.70	88.3	clear
	25	9:00	1.5	46.51		11.6	6.61	1773	1.66	10.73	76.4	clear
	30	9:05	2.0	48.71		11.6	6.63	1782	1.63	8.41	65.6	clear
	35	9:10	2.5	49.11		11.5	6.65	1798	1.52	6.79	50.9	clear
	40	9:15	3.0	51.02		10.8	6.77	1872	1.97	10.97	18.2	clear
	45	9:20	3.0	52.22		10.2	6.88	1965	3.16	16.99	-3.5	clear
	50	9:25	3.5	53.61		9.9	6.94	2043	3.50	25.84	-19.6	clear
	55	9:30	4.0	55.72		10.0	6.95	2122	3.59	33.17	-28.0	clear
	60	9:35	4.5	57.45		9.9	6.96	2164	3.60	25.34	-29.0	clear

NOTES (continued)

Sampled @ 9:40 on 2/27/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

17 Partial Sampled 9:40 2/27/25

~~AR Dry @ 10:10~~

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 /26/2025
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer
Field Personnel: Angelica Ramos

WELL INFORMATION

Well ID: 20
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA03312
Heron Serial NO: FA01456

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	0	14.88		—	—	—	—	—	—	—
Purge	5	0955	0.5>	14.89		8.5	7.31	793	0.26	95.71	-12.7	Cloudy
	10	1000	0.5>	14.90		" "	7.29	811	0.12	7.83	-16.4	clear
	15	1005	0.5	14.92		" "	7.28	820	0.08	6.42	-25.3	
*******	20	1010	0.5	14.94		" "	7.27	826	0.06	8.01	-30.7	
	25	1015	0.5	14.95		" "	7.27	830	0.06	4.45	-33.4	
	30	1020	1	14.96		" "	7.27	833	0.04	4.62	-36.8	
Sample	35	1025					—	—	—	—	—	—
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

20
Sampled @ 1025 on 2 /26/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC -
Specific Electrical Conductance SU - Standard

20 sampled 1025 2/26/25

102
1025

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 / 25/2025
Field Personnel: Angelica Ramos

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

WELL INFORMATION

Well ID: 21
Casing ID: 2 in Inches

EVENT TYPE

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

YSI SERIAL NO: FA04590
Heron Serial NO: FA01456

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	14:35	0	91.51								
Purge	5	14:40	<0.5	91.99		12.7	7.14	722	0.33	8.60	-83.5	clear
	10	14:45	0.5	92.87		12.6	7.25	756	0.12	9.49	-123.8	clear
	15	14:50	1.0	94.32		12.6	7.35	757	0.83	12.42	-153.3	clear
*******	20	14:55	1.0	95.22		12.5	7.37	750	0.73	20.55	-163.9	clear
	25	15:00	1.5	96.28		12.6	7.39	746	0.62	10.77	-177.2	clear
	30	15:05	2.0	97.22		12.8	7.41	744	0.63	9.58	-187.3	clear
	35	15:10	2.5	98.24		12.8	7.45	741	0.57	8.91	-196.3	clear
	40	15:15	3.0	99.01		12.9	7.45	744	0.50	9.28	-195.3	clear
Sample	45	15:20										
	50											
	55											
	60											

NOTES (continued)

Sampled @ 15:20 on 2 / 25 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

21 MS @ 15:20 2/25/25

21 MSD @ 15:20 2/25/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 12 2025
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer
Field Personnel: Angelica Ramos

WELL INFORMATION

Well ID: 22
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: F404570
Heron Serial NO: FA0456

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	14:30	0	56.41								
Purge	5	14:35	<0.5	56.87		12.7	7.33	843	0.24	61.02	-69.5	clear
	10	14:40	0.5	57.11		12.7	7.33	846	0.05	29.26	-77.7	clear
	15	14:45	1.0	57.91		12.7	7.33	847	0.02	46.32	-83.8	clear
*******	20	14:50	1.5	58.34		12.6	7.34	849	0.00	1774.51	-87.2	very cloudy
	25	14:55	2.0	59.66		12.7	7.34	850	0.41	2649.93	-88.4	very cloudy
	30	15:00	2.5	60.49		12.5	7.38	849	0.53	2448.77	-78.8	very cloudy
	35	15:05	3.0	61.71		12.6	7.35	852	0.41	2657.48	-85.3	very cloudy
	40	15:10	4.0	62.01		12.6	7.35	853	0.49	2691.21	-86.9	very cloudy
SAMPLE	45	15:15										
	50											
	55											
	60											

NOTES (continued)

Sampled @ 15:15 on 2 12 1 2025

ABBREVIATIONS

Cond. - Actual Conductivity
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard
FT BTOC - Feet Below Top of Casing na -

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 /26/2025
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer
Field Personnel: Angelica Ramos

WELL INFORMATION

Well ID: 34
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA033312
Heron Serial NO: FA01456

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	1035	—	14.54		—	—	—	—	—	—	—
Purge	5	1040	0.5>	14.55		9.5	7.74	1014	1.35	113.05	-40.7	Clear
	10	1045	0.5	14.58		8.9	7.39	1038	0.50	46.13	-47.8	Clear
	15	1050	1	14.61		9.0	7.39	1032	0.45	44.02	-65.4	Clear
*******	20	1055	1	14.65		9.0	7.38	1033	0.39	46.03	-70.3	Clear
	25	1100	1.5	14.68		9.0	7.38	1034	0.39	44.79	-74.7	Clear
	30	1105	2.0	14.70		9.1	7.37	1034	0.38	43.22	-74.9	Clear
	35	1110	2.0	14.71		9.1	7.37	1034	0.37	44.38	-74.4	Clear
Sample	40	1115				—	—	—	—	—	—	—
	45											
	50											
	55											
	60											

NOTES (continued)

34
Sampled @ 1115 on 2 /26/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard
FT BTOC - Feet Below Top of Casing na -

34 sampled 1115 on 2/26/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 /27/2025
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer
Field Personnel: G. Assalley

WELL INFORMATION

Well ID: 35D
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA0 3312
Heron Serial NO: FAS 4484

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	—	11.50	—	—	—	—	—	—	—	—
Purge	5	1030	<0.5	12.35		9.4	7.74	5055	0.75	13.16	220.4	Clear
	10	1035	0.5	13.02		9.3	7.71	5087	0.33	12.65	215.7	
	15	1040	0.5	14.97		9.3	7.68	5082	0.10	9.84	204.6	
*******	20	1045	1	16.21		9.3	7.67	5083	0.04	7.72	209.8	
↓	25	1050	1	16.97		9.2	7.66	5087	0.04	9.31	210.9	↓
Sample	30	1055										
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

35D
Sampled @ 1055 on 2/27/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

35D sampled @ 1055 on 2/27/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 /27/2025
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer
Field Personnel: G. Assallmy

WELL INFORMATION

Well ID: 35S
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other
(Specify): Low Flow
YSI SERIAL NO: FA0 3312
Heron Serial NO: FA0 4489

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	1120	—	12.04	—	—	—	—	—	—	—	—
Purge	5	1125		12.45 Dry			7.48		6.77	90.161	~~88.82~~	Clear
	10	1128									6A↑ 93.72	
	15	1133										
*******	20	1140										
	25											
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ Dry on 2 /27/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC -
Specific Electrical Conductance SU - Standard

35S Dry @ 1125

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 26 /2025
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer
Field Personnel: G. Assalluy

WELL INFORMATION

Well ID: 36
Casing ID: 2 Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA04590
Heron Serial NO: FA04489

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	0820	0	14.34								
Purge	5	0825	0.5	14.99		12.1	7.22	2170	0.47	328.66	-72.9	Foggy
	10	0830	0.5	14.94		12.1	7.31	2219	0.14	41.35	-98.5	Clear
	15	0835	1	14.95		12.1	7.36	2234	0.09	9.73	-112.5	Clear
*******	20	0840	1.5	14.99		12.1	7.38	2240	0.02	8.73	-114.7	" "
	25	0845	2	14.97		12.1	7.39	2245	0.09	7.72	-118.6	" "
Sample	30	0850				—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Ver_36
Sampled @ 0850 on 2 /26/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

Ver_36 sampled @ 0850 on 2/26/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

19

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/26/2025
Field Personnel: G. Assalley
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 37
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA074590
Heron Serial NO: FA044489

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	0900	0	8.85		—	—	—	—	—	—	—
Purge	5	0905	0.5	8.84		11.6	6.66	1470	0.05	48.72	-115.5	Clear
↓	10	0910	0.5	8.85		11.9	6.69	1377	0.03	42.64	-152.4	" "
↓	15	0915	1	8.87		12.0	6.72	1411	0.01	44.23	-160.6	" "
*******	20	0920	1.5	8.88		12.0	6.73	1407	0.02	41.74	-161.7	" "
Sample	25	0925	1.5	8.89		—	—	—	—	—	—	—
Sample	30	0930	2	8.90		—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Ver 37
Sampled @ 09:25 on 2/26/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

Ver_37 sampled @ 0925 on 2/26/25

Ver_37 FD sampled @ 0930 on 2/26/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 /26/2025
Field Personnel: Angelica Ramos
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 38
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA0 5312
Heron Serial NO: FA0/456

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	0825	0	5.10		—	—	—	—	—	—	—
Purge	5	0830	0.5>	5.15		9.0	7.13	1070	0.11	73.96	160.7	Clear
	10	0835	0.5>	4.48		9.0	7.17	1068	0.06	61.57	153.4	
	15	0840	1	4.82		9.1	7.23	1068	0.04	106.21	148.7	
*******	20	0845	1.5	5.22		9.1	7.25	1070	0.03	179.02	131.0	
	25	0850	2	5.36		9.1	7.26	1072	0.02	212.35	110.7	
	30	0855	2.5	5.62		9.1	7.25	1074	0.02	254.02	111.4	
	35	0900	3	6.03		9.2	7.24	1073	0.01	306.17	111.3	
	40	0905	3.5	6.57		9.2	7.24	1075	0.01	162.89	111.2	
	45	0910	4	6.78		9.2	7.24	1075	0.01	137.72	121.2	
	50	0915	4.5	7.21		9.1	7.24	1077	0.09	190.71	123.7	
	55	0920	4.5	7.65		9.3	7.25	1076	0.09	108.50	124.4	
	60	0925	5	7.88		9.2	7.27	1076	0.08	140.06	124.2	

NOTES (continued)

Sampled @0930 on 2/26/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

_38 sampled @ 0930 on 2/26/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/27/2025
Field Personnel: G. Assalley
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 41 + Dup.
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA022212
Heron Serial NO: FA021439

WATER QUALITY INDICATOR PARAMETERS (continued)

Sampling Stage	Minutes Elapsed	Time (military)	Volume Removed (gallons)	Depth to Water (Feet)	Drawdown (Feet)	Temp. (°C) +/- 0.1	pH (SU) +/- 0.1	SEC or Cond. (µs/cm) 3%	Dissolved Oxygen (mg/L) 10% or +/- 0.2	Turbidity (NTU) 10% or <10 NTU's	ORP (mV) +/- 10mV	Visual Clarity
Pre	0	1255	—	6.43		—	—	—	—	—	—	—
Purge	5	1300	0.5	6.55		9.8	7.47	1275	0.23	50.65	-130.72	Clear
↓	10	1305	1	6.57		9.8	7.43	1273	0.07	25.32	-115.22	↓
	15	1310	2	6.59		9.9	7.43	1273	0.05	23.75	-117.44	
*******	20	1315	2.5	6.51		9.8	7.44	1273	0.03	24.32	-117.73	
Sample	25	1320	3	6.61		—	—	—	—	—	—	—
Sample	30	1325	—			—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

41
Sampled @ 1320 on 2/27/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

41 sampled @ 1320 on 2/27/25
Dup 41 sampled @ 1325 on 2/27/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 27 2025
Field Personnel: Angelica Ramos
Sampling Equipent Used (Circle): Dedicated Bladder, Peristaltic Pump, Portable Bladder, Bailer

WELL INFORMATION

Well ID: 42
Casing ID: 2" Inches

EVENT TYPE

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

YSI SERIAL NO: FA04590
Heron Serial NO: FA01456

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	10:30	0	26.43								
Purge	5	10:35	0.5	26.58		10.8	7.43	1026	0.52	38.69	-151.9	clear
	10	10:40	0.5	26.72		10.8	7.46	1022	0.30	37.02	-171.1	clear
	15	10:45	1	26.89		10.9	7.46	1019	0.22	25.83	-176.8	clear
*******	20	10:50	1.5	27.12		10.9	7.46	1017	0.27	15.95	-179.2	clear
	25	10:55	2.0	27.38		10.9	7.46	1017	0.19	12.28	-180.6	clear
	30	11:00	2.5	27.81		10.9	7.45	1017	0.19	9.88	-181.1	clear
	35	11:05	3.0	28.05		10.9	7.45	1017	0.24	8.26	-180.1	clear
	40	11:10	3.5	28.22		10.9	7.45	1018	0.21	9.53	-180.3	clear
Sample	45	11:15										
	50											
	55											
	60											

NOTES (continued)

Sampled @ 11:15 on 2/27/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

42 Sampled 11:15 2/27/25

42 MS Sampled 11:15 2/27/25

42 MSD Sampled 11:15 2/27/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/27/2025
Field Personnel: Angelica Ramos
Sampling Equipment Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 43
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA04590
Heron Serial NO: FA01456

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	12:40	~~[illegible]~~ 0	16.38								
Purge	5	12:45	<0.5	16.49		11.6	7.41	1396	2.88	86.81	-111.1	Clear
	10	12:50	0.5	16.72		11.5	7.52	1395	3.53	43.23	-118.1	Clear
	15	12:55	1.0	16.98		11.2	7.57	1395	3.70	16.45	-122.7	Clear
*******	20	13:00	1.5	17.27		11.3	7.59	1395	3.73	16.12	-125.4	Clear
	25	13:05	2.0	17.48		11.2	7.61	1393	3.75	15.89	-127.5	Clear
SAMPLE	30	13:10										
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 13:10 on 2/27/2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

43 Sampled 13:10 2/27/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/26/2025
Field Personnel: G. Assalling
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 70D
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA04590
Heron Serial NO: FA04489

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	1425	—	17.49	—	—	—	—	—	—	—	—
Purge	5	1430	<0.5	18.81	—	11.7	6.85	3812	0.78	82.87	-19.6	Clear
	10	1435	1.0	19.91		11.5	6.83	3422	0.27	187.80	-21.6	" "
	15	1440	1.5	21.66		11.8	6.78	3298	0.14	184.72	-18.9	" "
********	20	1445	2	23.21		11.8	6.75	3248	0.09	187.32	-9.2	" "
	25	1450	2.5			11.8	6.75	3202	0.08	180.64	-10.6	" "
Sampler	30	1455										
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

70D
Sampled @ 1455 on 2/26/2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

70D sampled @ 1455 on 2/2/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/26/2025
Field Personnel: G. Assalluy
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 705
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA04590
Heron Serial NO: FA04489

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	1350	—	13.55	—	—	—	—	—	—	—	—
Purge	5	1355	0.5	13.59	—	12.1	6.66	1499	0.17	16.06	-31.2	Clear
	10	1400	1	13.57		12.1	6.71	1517	0.09	6.81	-23.0	" "
	15	1405	1.5	13.59		12.1	6.74	1525	0.06	4.65	-16.0	" "
********	20	1410	2	13.60		12.1	6.76	1527	0.05	5.54	-14.6	" "
Sample	25	1415										
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

705
Sampled @ 1415 on 2/26/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

705 sampled @ 1415 on 2/26/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 /27/2025
Field Personnel: G. Assalley
Sampling Equipent Used (Circle): Dedicated Bladder Peristaltic Pump Portable Bladder Bailer

WELL INFORMATION

Well ID: 71D
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA03312
Heron Serial NO: FA04489

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	0925	—	28.89	—	—	—	—	—	—	—	—
Purge	5	0930	0.5 >	29.85		9.2	7.36	4119	~~0.02~~ 0.4	90.72	140.7	Clear
	10	0935	0.5	31.74		9.4	7.18	4198	0.39	7.90	142.4	
	15	0940	0.5	33.35		9.5	7.20	4158	0.19	7.20	134.8	
*******	20	0945	1	33.98		9.6	7.22	3442	0.73	9.89	120.4	
	25	0950	1.5	34.35		9.6	7.27	2412	2.04	9.95	111.7	
	30	0955	1.5	35.40		9.7	7.26	2418	2.19	8.72	110.7	
	35	1000	2	35.92		9.6	7.24	2462	2.11	9.43	109.4	
Sample	40	1005	2.5	35.49		—	—	—	—	—	—	—
	45											
	50											
	55											
	60											

4.45

NOTES (continued)

71D
Sampled @ 1005 on 2/27/ 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

71D sampled @ 1005 on 2/27/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2 / 27 /2025
Field Personnel: G. Assalley
Sampling Equipent Used (Circle): Dedicated Bladder ~~Peristaltic Pump~~ Portable Bladder Bailer

WELL INFORMATION

Well ID: 715
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA03312
Heron Serial NO: FA044389

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	0825	—	11.17		—	—	—	—	—	—	—
Purge	5	0830	0.5>	11.88		7.5	7.05	10916	3.60	166.42	-12.4	Clear
↓	10	0835	0.5	11.89		6.0	7.02	1091	3.24	42.16	-9.7	↓
	15	0840	0.5	11.87		6.0	6.92	1083	0.51	3.39	0.7	
********	20	0845	1	11.87		6.1	6.91	1079	0.37	2.93	3.9	
↓	25	0855	1	11.88		6.1	6.91	1080	0.34	2.79	5.6	↓
Sample	30	0900	1.5			—	—	—	—	—	—	—
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

715
Sampled @ 0900 on 2 / 27 / 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

715 sampled @ 0900 on 2/27/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Project Number: 2025.0021 Task #:
Client: Vistra
Start Date: 2 / 27 / 2025
Field Personnel: Angelica Ramos

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

WELL INFORMATION

Well ID: 72
Casing ID: 2" Inches

EVENT TYPE

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

YSI SERIAL NO: FA04590
Heron Serial NO: FA014556

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	16:10	0	14.91								
Purge	5	16:15	0.5	14.99								
	10	16:20	0.5	15.08		11.1	6.66	3619	1.08	52.08	35.2	clear
	15	16:25	1.0	15.13		10.9	6.66	3631	1.01	37.98	38.3	clear
*******	20	16:30	1.0	15.17		10.7	6.67	3634	0.97	38.73	40.7	clear
	25	16:35	1.5	15.20		10.7	6.67	3636	0.94	37.38	35.9	clear
Dry	30	16:40				10.6	6.67	3637	0.96	39.42	31.9	clear
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 16:40 on 2 / 27 / 2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

72 ~~Sampled~~ 16:40 2/27/25
Dry

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: / /2025
Field Personnel: Angelica Ramos
Sampling Equipent Used (Circle): Dedicated Bladder, Peristaltic Pump, Portable Bladder, Bailer

WELL INFORMATION

Well ID: ND3
Casing ID: Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA0~~5512~~
Heron Serial NO: FA0:456

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	~~0~~	18.60		—	—	—	—	—	—	—
Purge	5	1405	<0.5	18.63		10.5	8.90	2129	3.35	17.57	140.7	Clear
	10	1410	0.5	18.72		10.6	9.24	2205	1.24	24.64	132.4	
	15	1415	1.0	18.79		10.4	9.31	2208	4.84	71.55	167.8	
*******	20	1420	1.0	18.83		10.3	9.32	2215	4.66	23.04	169.4	
	25	1425	1.5	18.95		10.3	9.32	2212	4.54	41.77	170.9	
	30	1430	2	18.98		10.2	9.30	2210	4.39	44.03	171.2	
	35	1435	2.5	19.10		10.2	9.29	2210	4.48	41.86	172.3	
Sample	40	1440	—	—		—	—	—	—	—	—	—
	45											
	50											
	55											
	60											

NOTES (continued)

ND3
Sampled @1440 on 2/26/ 2025

ABBREVIATIONS

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: Vermillion
Client: Vistra
Project Number: 2025.0021 Task #:
Start Date: 2/26/2025
Field Personnel: Angelita Ramos
Sampling Equipment Used (Circle): Dedicated Bladder, Peristaltic Pump, Portable Bladder, Bailer

WELL INFORMATION

Well ID: NED1
Casing ID: 2" Inches

EVENT TYPE

Well Development
Well Volume Approach Sampling
Low-Flow / Low Stress Sampling Other (Specify): Low Flow
YSI SERIAL NO: FA04590
Heron Serial NO: FA01456

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	16:05	0	4.23								
Purge	5	16:10	0.5	4.26		8.7	7.33	2335	0.10	26.15	43.3	clear
	10	16:15	0.5	4.31		9.2	7.42	2329	0.19	22.29	+75.2	clear
	15	16:20	0.5	4.35		9.6	7.51	2334	0.12	14.71	146.2	clear
*******	20	16:25	1.0	4.39		9.7	7.56	2340	0.09	7.54	-174.9	clear
	25	16:30	1.0	4.46		9.8	7.53	2350	0.07	7.66	-185.8	clear
	30	16:35	1.5	4.51		9.9	7.59	2352	0.06	3.37	-194.1	clear
	35	16:40	2.0	4.59		9.9	7.60	2356	0.05	2.69	-195.2	clear
Sample	40	16:45										
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @16:45 on 2/26/2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

NED1 sampled 16:45 2/26/25

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FIELD FORM

PROJECT INFORMATION

Site: Vermillion
Client: Vistra
Project Number: 2025.0021
Task #:
Start Date: 2/26/2025
Field Personnel: Angelica Ramos
Sampling Equipment Used (Circle): Dedicated Bladder, Peristaltic Pump, Portable Bladder, Bailer

WELL INFORMATION

Well ID: OED1
Casing ID: 2" Inches

EVENT TYPE

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

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	15:30	0	43.70								
Purge	5	15:35	0.5	46.88								
	10	15:40	0.5	Dry		8.8	7.46	1068	0.72	102.21	95.6	clear
	15											
*******	20											
	25											
	30											
	35											
	40											
	45											
	50											
	55											
	60											

NOTES (continued)

Sampled @ 15:40 on 2/26/2025

ABBREVIATIONS

Cond. - Actual Conductivity
FT BTOC - Feet Below Top of Casing na -
ORP - Oxidation-Reduction Potential SEC - Specific Electrical Conductance SU - Standard

OED1 ran dry 15:40 2/26/25

ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 1, 2025

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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	E008	Antimony, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.003	0.00100
02	LGU	E008	Arsenic, total	mg/L	03/31/21 - 02/26/25	15	7	CI around mean	0.00601	0.0600
02	LGU	E008	Barium, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	0.197	0.520
02	LGU	E008	Beryllium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.001	0.001
02	LGU	E008	Boron, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	0.313	2.45
02	LGU	E008	Cadmium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0005	0.001
02	LGU	E008	Chloride, total	mg/L	03/31/21 - 02/26/25	15	0	CI around median	35	82.0
02	LGU	E008	Chromium, total	mg/L	03/31/21 - 02/26/25	15	93	CB around T-S line	0.0015	0.0200
02	LGU	E008	Cobalt, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.001	0.00400
02	LGU	E008	Fluoride, total	mg/L	03/31/21 - 02/26/25	15	7	CB around linear reg	0.531	1.14
02	LGU	E008	Lead, total	mg/L	03/31/21 - 02/26/25	15	93	CI around median	0.0005	0.00600
02	LGU	E008	Lithium, total	mg/L	03/31/21 - 02/26/25	15	60	CI around median	0.0034	0.0300
02	LGU	E008	Mercury, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0002	0.0002
02	LGU	E008	Molybdenum, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.005	0.0200
02	LGU	E008	pH (field)	SU	03/31/21 - 02/26/25	15	0	CB around linear reg	7.6/8.1	6.8/7.8
02	LGU	E008	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 02/26/25	14	0	CI around mean	0.539	1.90
02	LGU	E008	Selenium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0025	0.001
02	LGU	E008	Sulfate, total	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	-24.1	227
02	LGU	E008	Thallium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.002	0.002
02	LGU	E008	Total Dissolved Solids	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	562	746
03R	LGU	E008	Antimony, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.003	0.00100
03R	LGU	E008	Arsenic, total	mg/L	03/30/21 - 02/27/25	16	0	CI around geomean	0.00536	0.0600
03R	LGU	E008	Barium, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	0.294	0.520
03R	LGU	E008	Beryllium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.001	0.001
03R	LGU	E008	Boron, total	mg/L	03/30/21 - 02/27/25	16	0	CB around linear reg	28.3	2.45
03R	LGU	E008	Cadmium, total	mg/L	03/30/21 - 02/27/25	16	81	CB around T-S line	0.000267	0.001
03R	LGU	E008	Chloride, total	mg/L	03/30/21 - 02/27/25	16	2	CB around linear reg	19.6	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	E008	Chromium, total	mg/L	03/30/21 - 02/27/25	16	81	CB around T-S line	0.0015	0.0200
03R	LGU	E008	Cobalt, total	mg/L	03/30/21 - 02/27/25	16	88	CI around median	0.001	0.00400
03R	LGU	E008	Fluoride, total	mg/L	03/30/21 - 02/27/25	16	6	CI around mean	0.437	1.14
03R	LGU	E008	Lead, total	mg/L	03/30/21 - 02/27/25	16	50	CI around median	0.001	0.00600
03R	LGU	E008	Lithium, total	mg/L	03/30/21 - 02/27/25	16	75	CB around T-S line	0.003	0.0300
03R	LGU	E008	Mercury, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0002	0.0002
03R	LGU	E008	Molybdenum, total	mg/L	03/30/21 - 02/27/25	16	0	CB around linear reg	0.354	0.0200
03R	LGU	E008	pH (field)	SU	03/30/21 - 02/27/25	16	0	CI around mean	7.2/7.4	6.8/7.8
03R	LGU	E008	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 02/27/25	14	0	CI around mean	1.13	1.90
03R	LGU	E008	Selenium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0025	0.001
03R	LGU	E008	Sulfate, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	497	227
03R	LGU	E008	Thallium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.002	0.002
03R	LGU	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	1,120	746
04	UA	E008	Antimony, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.003	0.00100
04	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/26/25	16	6	CI around mean	0.00522	0.0600
04	UA	E008	Barium, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	0.223	0.520
04	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.001	0.001
04	UA	E008	Boron, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	8.27	2.45
04	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0005	0.001
04	UA	E008	Chloride, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	10	82.0
04	UA	E008	Chromium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.005	0.0200
04	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/26/25	16	94	Most recent sample	0.001	0.00400
04	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/26/25	16	6	CI around median	0.3	1.14
04	UA	E008	Lead, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0005	0.00600
04	UA	E008	Lithium, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	0.0456	0.0300
04	UA	E008	Mercury, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0002	0.0002
04	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/26/25	16	0	CB around linear reg	0.0341	0.0200

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
04	UA	E008	pH (field)	SU	03/30/21 - 02/26/25	16	0	CI around mean	7.4/7.6	6.8/7.8
04	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 02/26/25	14	0	CI around mean	0.802	1.90
04	UA	E008	Selenium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0025	0.001
04	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	33.5	227
04	UA	E008	Thallium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.002	0.002
04	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	370	746
05	UA	E008	Antimony, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.003	0.00100
05	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.001	0.0600
05	UA	E008	Barium, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	0.0225	0.520
05	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.001	0.001
05	UA	E008	Boron, total	mg/L	03/30/21 - 02/27/25	16	0	CI around median	17	2.45
05	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0005	0.001
05	UA	E008	Chloride, total	mg/L	03/30/21 - 02/27/25	16	2	CB around linear reg	4.94	82.0
05	UA	E008	Chromium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.005	0.0200
05	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/27/25	16	81	CI around median	0.001	0.00400
05	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/27/25	16	6	CB around linear reg	0.572	1.14
05	UA	E008	Lead, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0005	0.00600
05	UA	E008	Lithium, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	0.0872	0.0300
05	UA	E008	Mercury, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0002	0.0002
05	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/27/25	16	0	CB around T-S line	0.0217	0.0200
05	UA	E008	pH (field)	SU	03/30/21 - 02/27/25	16	0	CB around linear reg	7.5/7.8	6.8/7.8
05	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 02/27/25	14	0	CI around mean	0.164	1.90
05	UA	E008	Selenium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0025	0.001
05	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/27/25	16	0	CI around median	220	227
05	UA	E008	Thallium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.002	0.002
05	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	542	746
07R	UA	E008	Antimony, total	mg/L	05/12/21 - 02/26/25	11	82	CI around median	0.001	0.00100

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07R	UA	E008	Arsenic, total	mg/L	05/12/21 - 02/26/25	11	9	CI around geomean	0.00145	0.0600
07R	UA	E008	Barium, total	mg/L	05/12/21 - 02/26/25	11	0	CI around median	0.0176	0.520
07R	UA	E008	Beryllium, total	mg/L	05/12/21 - 02/26/25	11	82	CI around median	0.001	0.001
07R	UA	E008	Boron, total	mg/L	05/12/21 - 02/26/25	11	0	CB around linear reg	40.3	2.45
07R	UA	E008	Cadmium, total	mg/L	05/12/21 - 02/26/25	11	73	CI around median	0.0005	0.001
07R	UA	E008	Chloride, total	mg/L	05/12/21 - 02/26/25	11	0	CI around mean	4.37	82.0
07R	UA	E008	Chromium, total	mg/L	05/12/21 - 02/26/25	11	73	CI around median	0.0015	0.0200
07R	UA	E008	Cobalt, total	mg/L	05/12/21 - 02/26/25	11	73	CI around median	0.001	0.00400
07R	UA	E008	Fluoride, total	mg/L	05/12/21 - 02/26/25	11	27	CI around mean	0.1	1.14
07R	UA	E008	Lead, total	mg/L	05/12/21 - 02/26/25	11	73	CI around median	0.0005	0.00600
07R	UA	E008	Lithium, total	mg/L	05/12/21 - 02/26/25	11	0	CI around mean	0.551	0.0300
07R	UA	E008	Mercury, total	mg/L	05/12/21 - 02/26/25	11	100	All ND - Last	0.0002	0.0002
07R	UA	E008	Molybdenum, total	mg/L	05/12/21 - 02/26/25	11	0	CI around mean	0.365	0.0200
07R	UA	E008	pH (field)	SU	05/12/21 - 02/26/25	11	0	CI around mean	7.2/7.6	6.8/7.8
07R	UA	E008	Radium 226 + Radium 228, total	pCi/L	05/12/21 - 02/26/25	11	0	CI around geomean	0.326	1.90
07R	UA	E008	Selenium, total	mg/L	05/12/21 - 02/26/25	11	27	CI around geomean	0.00198	0.001
07R	UA	E008	Sulfate, total	mg/L	05/12/21 - 02/26/25	11	0	CI around mean	1,760	227
07R	UA	E008	Thallium, total	mg/L	05/12/21 - 02/26/25	11	100	All ND - Last	0.002	0.002
07R	UA	E008	Total Dissolved Solids	mg/L	05/12/21 - 02/26/25	11	0	CI around mean	2,870	746
08R	UA	E008	Antimony, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.003	0.00100
08R	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/27/25	15	7	CB around linear reg	0.0133	0.0600
08R	UA	E008	Barium, total	mg/L	03/30/21 - 02/27/25	15	0	CI around mean	0.0561	0.520
08R	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.001	0.001
08R	UA	E008	Boron, total	mg/L	03/30/21 - 02/27/25	15	0	CI around median	14.4	2.45
08R	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.0005	0.001
08R	UA	E008	Chloride, total	mg/L	03/30/21 - 02/27/25	15	0	CI around mean	5.17	82.0
08R	UA	E008	Chromium, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.005	0.0200

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08R	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.001	0.00400
08R	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/27/25	15	80	CI around median	0.1	1.14
08R	UA	E008	Lead, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.0005	0.00600
08R	UA	E008	Lithium, total	mg/L	03/30/21 - 02/27/25	15	0	CI around median	0.288	0.0300
08R	UA	E008	Mercury, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.0002	0.0002
08R	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/27/25	15	7	CI around mean	0.17	0.0200
08R	UA	E008	pH (field)	SU	03/30/21 - 02/27/25	15	0	CI around mean	7.2/7.9	6.8/7.8
08R	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/21/21 - 02/27/25	13	0	CI around mean	0.49	1.90
08R	UA	E008	Selenium, total	mg/L	03/30/21 - 02/27/25	15	93	CB around T-S line	0.001	0.001
08R	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/27/25	15	0	CB around linear reg	594	227
08R	UA	E008	Thallium, total	mg/L	03/30/21 - 02/27/25	15	100	All ND - Last	0.002	0.002
08R	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/27/25	15	0	CI around median	1,110	746
17	UA	E008	Antimony, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.003	0.00100
17	UA	E008	Arsenic, total	mg/L	03/31/21 - 02/27/25	10	20	CI around mean	0.00289	0.0600
17	UA	E008	Barium, total	mg/L	03/31/21 - 02/27/25	10	0	CI around mean	0.0251	0.520
17	UA	E008	Beryllium, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.001	0.001
17	UA	E008	Boron, total	mg/L	03/31/21 - 02/27/25	10	0	CI around mean	3.29	2.45
17	UA	E008	Cadmium, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.0005	0.001
17	UA	E008	Chloride, total	mg/L	03/31/21 - 02/27/25	10	0	CI around mean	16.2	82.0
17	UA	E008	Chromium, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.005	0.0200
17	UA	E008	Cobalt, total	mg/L	03/31/21 - 02/27/25	10	20	CI around mean	0.00139	0.00400
17	UA	E008	Fluoride, total	mg/L	03/31/21 - 02/27/25	10	10	CB around linear reg	0.0929	1.14
17	UA	E008	Lead, total	mg/L	03/31/21 - 02/27/25	10	70	CI around median	0.0005	0.00600
17	UA	E008	Lithium, total	mg/L	03/31/21 - 02/27/25	10	0	CI around mean	0.0195	0.0300
17	UA	E008	Mercury, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.0002	0.0002
17	UA	E008	Molybdenum, total	mg/L	03/31/21 - 02/27/25	10	50	CI around mean	0.00172	0.0200
17	UA	E008	pH (field)	SU	03/31/21 - 02/27/25	10	0	CI around mean	6.7/7.0	6.8/7.8

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17	UA	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	--	1.90
17	UA	E008	Selenium, total	mg/L	03/31/21 - 02/27/25	10	90	CB around T-S line	0.001	0.001
17	UA	E008	Sulfate, total	mg/L	03/31/21 - 02/27/25	10	0	CI around geomean	917	227
17	UA	E008	Thallium, total	mg/L	03/31/21 - 02/27/25	10	100	All ND - Last	0.002	0.002
17	UA	E008	Total Dissolved Solids	mg/L	03/31/21 - 02/27/25	10	0	CI around mean	1,640	746
20	UA	E008	Antimony, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.003	0.00100
20	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/26/25	16	62	CI around median	0.001	0.0600
20	UA	E008	Barium, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	0.0186	0.520
20	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.001	0.001
20	UA	E008	Boron, total	mg/L	03/30/21 - 02/26/25	16	0	CB around linear reg	1.85	2.45
20	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0005	0.001
20	UA	E008	Chloride, total	mg/L	03/30/21 - 02/26/25	16	14	CI around geomean	3.9	82.0
20	UA	E008	Chromium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.005	0.0200
20	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/26/25	16	81	CI around median	0.001	0.00400
20	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.1	1.14
20	UA	E008	Lead, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0005	0.00600
20	UA	E008	Lithium, total	mg/L	03/30/21 - 02/26/25	16	0	CI around geomean	0.0211	0.0300
20	UA	E008	Mercury, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0002	0.0002
20	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/26/25	16	94	CB around T-S line	0.0015	0.0200
20	UA	E008	pH (field)	SU	03/30/21 - 02/26/25	16	0	CB around T-S line	6.9/7.2	6.8/7.8
20	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 02/26/25	14	0	CI around mean	0.368	1.90
20	UA	E008	Selenium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0025	0.001
20	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/26/25	16	0	CI around geomean	77.8	227
20	UA	E008	Thallium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.002	0.002
20	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	415	746
34	LGU	E008	Antimony, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.003	0.00100
34	LGU	E008	Arsenic, total	mg/L	03/30/21 - 02/26/25	15	0	CI around mean	0.0247	0.0600

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34	LGU	E008	Barium, total	mg/L	03/30/21 - 02/26/25	15	0	CI around mean	0.156	0.520
34	LGU	E008	Beryllium, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.001	0.001
34	LGU	E008	Boron, total	mg/L	03/30/21 - 02/26/25	15	0	CI around mean	0.484	2.45
34	LGU	E008	Cadmium, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.0005	0.001
34	LGU	E008	Chloride, total	mg/L	03/30/21 - 02/26/25	15	0	CI around mean	32.7	82.0
34	LGU	E008	Chromium, total	mg/L	03/30/21 - 02/26/25	15	47	CI around mean	0.0021	0.0200
34	LGU	E008	Cobalt, total	mg/L	03/30/21 - 02/26/25	15	53	CI around median	0.001	0.00400
34	LGU	E008	Fluoride, total	mg/L	03/30/21 - 02/26/25	15	7	CI around median	0.62	1.14
34	LGU	E008	Lead, total	mg/L	03/30/21 - 02/26/25	15	13	CI around mean	0.00129	0.00600
34	LGU	E008	Lithium, total	mg/L	03/30/21 - 02/26/25	15	47	CI around mean	0.00338	0.0300
34	LGU	E008	Mercury, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.0002	0.0002
34	LGU	E008	Molybdenum, total	mg/L	03/30/21 - 02/26/25	15	93	CB around T-S line	0.0015	0.0200
34	LGU	E008	pH (field)	SU	03/30/21 - 02/26/25	15	0	CI around mean	7.0/7.2	6.8/7.8
34	LGU	E008	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 02/26/25	13	0	CI around mean	0.519	1.90
34	LGU	E008	Selenium, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.0025	0.001
34	LGU	E008	Sulfate, total	mg/L	03/30/21 - 02/26/25	15	89	CB around T-S line	-3.85	227
34	LGU	E008	Thallium, total	mg/L	03/30/21 - 02/26/25	15	100	All ND - Last	0.002	0.002
34	LGU	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/26/25	15	0	CI around mean	481	746
36	UA	E008	Antimony, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.003	0.00100
36	UA	E008	Arsenic, total	mg/L	03/31/21 - 02/26/25	15	13	CI around geomean	0.0023	0.0600
36	UA	E008	Barium, total	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	0.0267	0.520
36	UA	E008	Beryllium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.001	0.001
36	UA	E008	Boron, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	12.4	2.45
36	UA	E008	Cadmium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0005	0.001
36	UA	E008	Chloride, total	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	5.93	82.0
36	UA	E008	Chromium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.005	0.0200
36	UA	E008	Cobalt, total	mg/L	03/31/21 - 02/26/25	15	93	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	E008	Fluoride, total	mg/L	03/31/21 - 02/26/25	15	7	CI around median	0.24	1.14
36	UA	E008	Lead, total	mg/L	03/31/21 - 02/26/25	15	93	CI around median	0.0005	0.00600
36	UA	E008	Lithium, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	0.155	0.0300
36	UA	E008	Mercury, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0002	0.0002
36	UA	E008	Molybdenum, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	0.121	0.0200
36	UA	E008	pH (field)	SU	03/31/21 - 02/26/25	15	0	CI around mean	7.1/7.3	6.8/7.8
36	UA	E008	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 02/26/25	14	0	CI around mean	1.02	1.90
36	UA	E008	Selenium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0025	0.001
36	UA	E008	Sulfate, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	977	227
36	UA	E008	Thallium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.002	0.002
36	UA	E008	Total Dissolved Solids	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	1,690	746
37	LGU	E008	Antimony, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.003	0.00100
37	LGU	E008	Arsenic, total	mg/L	03/31/21 - 02/26/25	15	0	CB around T-S line	0.0371	0.0600
37	LGU	E008	Barium, total	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	0.322	0.520
37	LGU	E008	Beryllium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.001	0.001
37	LGU	E008	Boron, total	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	1.88	2.45
37	LGU	E008	Cadmium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0005	0.001
37	LGU	E008	Chloride, total	mg/L	03/31/21 - 02/26/25	15	0	CI around mean	41.2	82.0
37	LGU	E008	Chromium, total	mg/L	03/31/21 - 02/26/25	15	93	CB around T-S line	0.0015	0.0200
37	LGU	E008	Cobalt, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.001	0.00400
37	LGU	E008	Fluoride, total	mg/L	03/31/21 - 02/26/25	15	7	CI around mean	0.563	1.14
37	LGU	E008	Lead, total	mg/L	03/31/21 - 02/26/25	15	73	CI around median	0.0005	0.00600
37	LGU	E008	Lithium, total	mg/L	03/31/21 - 02/26/25	15	93	CI around median	0.003	0.0300
37	LGU	E008	Mercury, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0002	0.0002
37	LGU	E008	Molybdenum, total	mg/L	03/31/21 - 02/26/25	15	93	CB around T-S line	0.0015	0.0200
37	LGU	E008	pH (field)	SU	03/31/21 - 02/26/25	15	0	CI around mean	6.9/7.1	6.8/7.8
37	LGU	E008	Radium 226 + Radium 228, total	pCi/L	03/31/21 - 02/26/25	14	0	CI around mean	0.982	1.90

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
37	LGU	E008	Selenium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.0025	0.001
37	LGU	E008	Sulfate, total	mg/L	03/31/21 - 02/26/25	15	0	CB around T-S line	252	227
37	LGU	E008	Thallium, total	mg/L	03/31/21 - 02/26/25	15	100	All ND - Last	0.002	0.002
37	LGU	E008	Total Dissolved Solids	mg/L	03/31/21 - 02/26/25	15	0	CB around linear reg	844	746
38	UA	E008	Antimony, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.003	0.00100
38	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/26/25	16	0	CB around linear reg	0.0305	0.0600
38	UA	E008	Barium, total	mg/L	03/30/21 - 02/26/25	16	0	CB around T-S line	0.115	0.520
38	UA	E008	Beryllium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.001	0.001
38	UA	E008	Boron, total	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	0.429	2.45
38	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0005	0.001
38	UA	E008	Chloride, total	mg/L	03/30/21 - 02/26/25	16	0	CB around linear reg	13.2	82.0
38	UA	E008	Chromium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.005	0.0200
38	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.001	0.00400
38	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/26/25	16	6	CI around median	0.35	1.14
38	UA	E008	Lead, total	mg/L	03/30/21 - 02/26/25	16	94	CI around median	0.0005	0.00600
38	UA	E008	Lithium, total	mg/L	03/30/21 - 02/26/25	16	62	CI around median	0.0033	0.0300
38	UA	E008	Mercury, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0002	0.0002
38	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/26/25	16	50	CI around mean	0.00251	0.0200
38	UA	E008	pH (field)	SU	03/30/21 - 02/26/25	16	0	CI around mean	7.0/7.1	6.8/7.8
38	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/19/21 - 02/26/25	14	0	CI around mean	1.05	1.90
38	UA	E008	Selenium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.0025	0.001
38	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/26/25	16	94	CB around T-S line	-2.98	227
38	UA	E008	Thallium, total	mg/L	03/30/21 - 02/26/25	16	100	All ND - Last	0.002	0.002
38	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/26/25	16	0	CI around mean	506	746
41	UA	E008	Antimony, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.003	0.00100
41	UA	E008	Arsenic, total	mg/L	03/30/21 - 02/27/25	16	0	CB around linear reg	0.0119	0.0600
41	UA	E008	Barium, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	0.232	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	E008	Beryllium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.001	0.001
41	UA	E008	Boron, total	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	2.78	2.45
41	UA	E008	Cadmium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0005	0.001
41	UA	E008	Chloride, total	mg/L	03/30/21 - 02/27/25	16	0	CB around linear reg	44.8	82.0
41	UA	E008	Chromium, total	mg/L	03/30/21 - 02/27/25	16	94	CI around median	0.0015	0.0200
41	UA	E008	Cobalt, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.001	0.00400
41	UA	E008	Fluoride, total	mg/L	03/30/21 - 02/27/25	16	6	CI around median	0.41	1.14
41	UA	E008	Lead, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0005	0.00600
41	UA	E008	Lithium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.005	0.0300
41	UA	E008	Mercury, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0002	0.0002
41	UA	E008	Molybdenum, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.005	0.0200
41	UA	E008	pH (field)	SU	03/30/21 - 02/27/25	16	0	CB around linear reg	7.2/7.4	6.8/7.8
41	UA	E008	Radium 226 + Radium 228, total	pCi/L	04/20/21 - 02/27/25	14	0	CI around mean	1.11	1.90
41	UA	E008	Selenium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.0025	0.001
41	UA	E008	Sulfate, total	mg/L	03/30/21 - 02/27/25	16	88	CB around T-S line	-3.4	227
41	UA	E008	Thallium, total	mg/L	03/30/21 - 02/27/25	16	100	All ND - Last	0.002	0.002
41	UA	E008	Total Dissolved Solids	mg/L	03/30/21 - 02/27/25	16	0	CI around mean	610	746
40/72	--	E008	Antimony, total	mg/L	--	--	--	--	NS[7]	0.00100
40/72	--	E008	Arsenic, total	mg/L	--	--	--	--	NS[7]	0.0600
40/72	--	E008	Barium, total	mg/L	--	--	--	--	NS[7]	0.520
40/72	--	E008	Beryllium, total	mg/L	--	--	--	--	NS[7]	0.001
40/72	--	E008	Boron, total	mg/L	--	--	--	--	NS[7]	2.45
40/72	--	E008	Cadmium, total	mg/L	--	--	--	--	NS[7]	0.001
40/72	--	E008	Chloride, total	mg/L	--	--	--	--	NS[7]	82.0
40/72	--	E008	Chromium, total	mg/L	--	--	--	--	NS[7]	0.0200
40/72	--	E008	Cobalt, total	mg/L	--	--	--	--	NS[7]	0.00400
40/72	--	E008	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	--	E008	Lead, total	mg/L	--	--	--	--	NS[7]	0.00600
40/72	--	E008	Lithium, total	mg/L	--	--	--	--	NS[7]	0.0300
40/72	--	E008	Mercury, total	mg/L	--	--	--	--	NS[7]	0.0002
40/72	--	E008	Molybdenum, total	mg/L	--	--	--	--	NS[7]	0.0200
40/72	--	E008	pH (field)	SU	--	--	--	--	NS[7]	6.8/7.8
40/72	--	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS[7]	1.90
40/72	--	E008	Selenium, total	mg/L	--	--	--	--	NS[7]	0.001
40/72	--	E008	Sulfate, total	mg/L	--	--	--	--	NS[7]	227
40/72	--	E008	Thallium, total	mg/L	--	--	--	--	NS[7]	0.002
40/72	--	E008	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:
NA
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):
NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
For pH, the values presented are the lower / upper limits of the background determination