Illinois Environmental Protection Agency

2520 West Iles Avenue • P.O. Box 19276 • Springfield, Illinois • 62794-9276 • 217-782-3397

COAL COMBUSTION RESIDUALS GROUNDWATER, LEACHATE, AND FACILITY REPORTING FORM

This form must be used as a cover sheet for the notices and reports identified below as required by the facility's Coal Combustion Residuals (CCR) permit for any CCR Surface Impoundments (CCRSIs). All reports must be submitted to the Illinois EPA's Bureau of Land, Permit Section. All reports submitted to the Illinois EPA's Bureau of Land Permit Section must contain an original, plus a minimum of two copies.

Note: This form is not to be used with permit applications. The facility's approved permit will state whether the document you are submitting is required as a report or an application.

1.0 Facility Identification

Facility Name: Hennepin Power Plant-OWAP

Facility Address: 13498 East 800th Street, Hennepin, IL

Site ID #: 1550105012 Fed ID #: _____

2.0 Type of Submission

Check the appropriate heading. Only one heading may be checked for each corresponding submittal. Check the appropriate sub-heading, where applicable. Attach the original and all copies behind this form.

☐ LPC-160 Forms (electronic reporting for each sampling event)

	Groundwater	Leachate
____	Quarterly - Enter 1, 2, 3, or 4	____Quarterly - Enter 1, 2, 3, or 4
	☐ Semi-Annual	☐ Semi-Annual
	☐ Annual	☐ Annual

☑ Groundwater Data (without LPC-160 Forms) (35 IAC 845.610(b)(3)(D))

4 Quarterly - Enter 1, 2, 3, or 4

☐ Semi-Annual

☐ Annual

☐ Well Construction Information

☐ Well Construction Forms, Boring Logs and/or Abandonment Forms

☐ Well Survey Data (e.g., Stick-up Elevation Data)

☐ Quarterly Fugitive Dust Complaint Report (35 IAC 845.500(b)(2)(B))

☐ Emergency Action Plan (35 IAC 845.520(f))

☐ Annual Consolidated Report (35 IAC 845.550(a))

☐ Notice of Confirmed Increase of Groundwater Exceedance from Re-sample (35 IAC 845.650(d))

☐ Notice of Plume Contamination Off-Site (35 IAC 845.650(d)(2))

☐ Alternate Source Demonstration (35 IAC 845.650(e))

☐ Assessment of Corrective Measures (35 IAC 845.660(a)(2))

☐ Corrective Action
- ☐ Semi-Annual Report (35 IAC 845.670(a))
- ☐ Corrective Action Completion Report (35 IAC 845.680(e))

☐ Closure Extension Progress Report (35 IAC 845.700(e))

☐ Monthly Closure by Removal Report (during active removal) (35 IAC 845.740(d))

☐ Annual Inflation Adjustment of Cost Estimates (35 IAC 845.940(a))

☐ Other (Identify)

_____
_____
_____

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

February 14, 2026

Illinois Environmental Protection Agency
Bureau of Land – MC#33
Attn: Part 845 Coal Combustion Residual Rule Submittal
2520 West Iles Avenue
P.O. Box 19276
Springfield, IL 62794

Re: Hennepin Power Plant West Ash Pond System; IEPA ID # W1550100002-01 and # W1550100002-03

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 4, 2025 sampling event at the Hennepin Power Plant West Ash Pond System (WAPS), identified by Illinois Environmental Protection Agency (IEPA) ID No. W1550100002-01 and No. W1550100002-03. 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). Pursuant to conversations with IEPA, electronic groundwater data will not be submitted until an operating permit is issued due to assigning unique identifiers to groundwater monitoring wells.

A Corrective Measures Assessment (CMA) for the WAPS was initiated on December 10, 2023, completed, and submitted to IEPA on May 8, 2024 in accordance with 35 I.A.C. § 845.660. The CMA was the first step towards developing a Corrective Action Plan, which ultimately selects a remedy to address all releases from the WAPS. The selected remedy meets the performance standards of 35 I.A.C. § 845.670(d), and a public meeting was held on April 8, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d). The Corrective Action Plan was submitted to IEPA on May 6, 2025. Once implemented and completed, the selected remedy will attain the GWPSs.

Sincerely,

Dianna Tickner

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

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 4, 2025, West Ash Pond System, Hennepin Power Plant, Hennepin, Illinois

[1] Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or GWPSs as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Dynegy Midwest Generation, LLC's operating permit application for Hennepin Power Plant WAPS, and subsequently revised on September 4, 2025. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Dynegy Midwest Generation, LLC has not identified any actual exceedances.

RAMBOLL

ENVIRONMENT
& HEALTH

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES[1]
QUARTER 4, 2025
WEST ASH POND SYSTEM, HENNEPIN POWER PLANT, HENNEPIN, ILLINOIS

February 14, 2026

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 December 16, 2025

The monitoring well locations are included in **Figure 1**. **Attachment A** summarizes the groundwater elevation data for the Quarter 4, 2025 sampling event. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 4, 2025 sampling event.

In accordance with 35 I.A.C. § 845.610(b)(3)(C) and the statistical analysis plan submitted with the operating permit application (Appendix A of the Groundwater Monitoring Plan)[2], and subsequently revised and submitted to IEPA[3], constituent concentrations observed at compliance monitoring wells in Quarter 4, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

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

TABLES

FIGURES

ATTACHMENTS

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

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

[3] Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025. *Addendum to the Groundwater Monitoring Plan Revision 1 for the West Ash Pond System. Hennepin Power Plant. Hennepin, Illinois. September 4, 2025.*

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
32	Background	E011	10/28/2025	Antimony, total	0.00043 U	mg/L
32	Background	E011	10/28/2025	Arsenic, total	0.00390	mg/L
32	Background	E011	10/28/2025	Barium, total	0.140	mg/L
32	Background	E011	10/28/2025	Beryllium, total	0.00059 U	mg/L
32	Background	E011	10/28/2025	Boron, total	0.150	mg/L
32	Background	E011	10/28/2025	Cadmium, total	0.00110	mg/L
32	Background	E011	10/28/2025	Calcium, total	110	mg/L
32	Background	E011	10/28/2025	Chloride, total	93.0 J+	mg/L
32	Background	E011	10/28/2025	Chromium, total	0.0130	mg/L
32	Background	E011	10/28/2025	Cobalt, total	0.00890	mg/L
32	Background	E011	10/28/2025	Dissolved Oxygen	2.80	mg/L
32	Background	E011	10/28/2025	Fluoride, total	0.2 U	mg/L
32	Background	E011	10/28/2025	Lead, total	0.0110	mg/L
32	Background	E011	10/28/2025	Lithium, total	0.01 J	mg/L
32	Background	E011	10/28/2025	Mercury, total	0.00017 J	mg/L
32	Background	E011	10/28/2025	Molybdenum, total	0.00190	mg/L
32	Background	E011	10/28/2025	Oxidation Reduction Potential	-15.2	mV
32	Background	E011	10/28/2025	pH (field)	7.1	SU
32	Background	E011	10/28/2025	Radium 226 + Radium 228, total	2.64	pCi/L
32	Background	E011	10/28/2025	Selenium, total	0.00074 U	mg/L
32	Background	E011	10/28/2025	Specific Conductance @ 25C (field)	1,037	micromhos/cm
32	Background	E011	10/28/2025	Sulfate, total	100 J+	mg/L
32	Background	E011	10/28/2025	Temperature	11.7	degrees C
32	Background	E011	10/28/2025	Thallium, total	0.00038 U	mg/L
32	Background	E011	10/28/2025	Total Dissolved Solids	560	mg/L
32	Background	E011	10/28/2025	Turbidity, field	820	NTU
34	Background	E011	10/28/2025	Antimony, total	0.00078 U	mg/L
34	Background	E011	10/28/2025	Arsenic, total	0.00460	mg/L
34	Background	E011	10/28/2025	Barium, total	0.320	mg/L
34	Background	E011	10/28/2025	Beryllium, total	0.0011 U	mg/L
34	Background	E011	10/28/2025	Boron, total	0.140	mg/L
34	Background	E011	10/28/2025	Cadmium, total	0.0013 U	mg/L
34	Background	E011	10/28/2025	Calcium, total	170	mg/L
34	Background	E011	10/28/2025	Chloride, total	79.0	mg/L
34	Background	E011	10/28/2025	Chromium, total	0.0260	mg/L
34	Background	E011	10/28/2025	Cobalt, total	0.00710	mg/L
34	Background	E011	10/28/2025	Dissolved Oxygen	1.30	mg/L
34	Background	E011	10/28/2025	Fluoride, total	0.2 U	mg/L
34	Background	E011	10/28/2025	Lead, total	0.0270	mg/L
34	Background	E011	10/28/2025	Lithium, total	0.024 J	mg/L
34	Background	E011	10/28/2025	Mercury, total	0.00032 J	mg/L
34	Background	E011	10/28/2025	Molybdenum, total	0.00250	mg/L
34	Background	E011	10/28/2025	Oxidation Reduction Potential	-91.0	mV
34	Background	E011	10/28/2025	pH (field)	7.1	SU
34	Background	E011	10/28/2025	Radium 226 + Radium 228, total	2.42	pCi/L
34	Background	E011	10/28/2025	Selenium, total	0.0013 U	mg/L

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WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
34	Background	E011	10/28/2025	Specific Conductance @ 25C (field)	1,300	micromhos/cm
34	Background	E011	10/28/2025	Sulfate, total	36.0	mg/L
34	Background	E011	10/28/2025	Temperature	13.0	degrees C
34	Background	E011	10/28/2025	Thallium, total	0.00069 U	mg/L
34	Background	E011	10/28/2025	Total Dissolved Solids	710	mg/L
34	Background	E011	10/28/2025	Turbidity, field	245	NTU
21R	Compliance	E011	10/28/2025	Antimony, total	0.00043 U	mg/L
21R	Compliance	E011	10/28/2025	Arsenic, total	0.0160	mg/L
21R	Compliance	E011	10/28/2025	Barium, total	0.280	mg/L
21R	Compliance	E011	10/28/2025	Beryllium, total	0.00059 U	mg/L
21R	Compliance	E011	10/28/2025	Boron, total	1.90	mg/L
21R	Compliance	E011	10/28/2025	Cadmium, total	0.00074 U	mg/L
21R	Compliance	E011	10/28/2025	Calcium, total	120	mg/L
21R	Compliance	E011	10/28/2025	Chloride, total	98.0 J+	mg/L
21R	Compliance	E011	10/28/2025	Chromium, total	0.00940	mg/L
21R	Compliance	E011	10/28/2025	Cobalt, total	0.00280	mg/L
21R	Compliance	E011	10/28/2025	Dissolved Oxygen	1.30	mg/L
21R	Compliance	E011	10/28/2025	Fluoride, total	0.2 U	mg/L
21R	Compliance	E011	10/28/2025	Lead, total	0.00620	mg/L
21R	Compliance	E011	10/28/2025	Lithium, total	0.019 J	mg/L
21R	Compliance	E011	10/28/2025	Mercury, total	0.00015 J	mg/L
21R	Compliance	E011	10/28/2025	Molybdenum, total	0.00490	mg/L
21R	Compliance	E011	10/28/2025	Oxidation Reduction Potential	-151	mV
21R	Compliance	E011	10/28/2025	pH (field)	7.5	SU
21R	Compliance	E011	10/28/2025	Radium 226 + Radium 228, total	1.26	pCi/L
21R	Compliance	E011	10/28/2025	Selenium, total	0.00074 U	mg/L
21R	Compliance	E011	10/28/2025	Specific Conductance @ 25C (field)	1,086	micromhos/cm
21R	Compliance	E011	10/28/2025	Sulfate, total	54.0 J+	mg/L
21R	Compliance	E011	10/28/2025	Temperature	13.9	degrees C
21R	Compliance	E011	10/28/2025	Thallium, total	0.00038 U	mg/L
21R	Compliance	E011	10/28/2025	Total Dissolved Solids	560	mg/L
21R	Compliance	E011	10/28/2025	Turbidity, field	299	NTU
22	Compliance	E011	11/03/2025	Antimony, total	0.00061 J	mg/L
22	Compliance	E011	11/03/2025	Arsenic, total	0.00069 U	mg/L
22	Compliance	E011	11/03/2025	Barium, total	0.0540	mg/L
22	Compliance	E011	11/03/2025	Beryllium, total	0.00059 U	mg/L
22	Compliance	E011	11/03/2025	Boron, total	3.00	mg/L
22	Compliance	E011	11/03/2025	Cadmium, total	0.00390	mg/L
22	Compliance	E011	11/03/2025	Calcium, total	90.0	mg/L
22	Compliance	E011	11/03/2025	Chloride, total	110	mg/L
22	Compliance	E011	11/03/2025	Chromium, total	0.0028 U	mg/L
22	Compliance	E011	11/03/2025	Cobalt, total	0.0016 J	mg/L
22	Compliance	E011	11/03/2025	Dissolved Oxygen	0	mg/L
22	Compliance	E011	11/03/2025	Fluoride, total	0.2 U	mg/L
22	Compliance	E011	11/03/2025	Lead, total	0.00027 J	mg/L
22	Compliance	E011	11/03/2025	Lithium, total	0.0400	mg/L

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HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
22	Compliance	E011	11/03/2025	Mercury, total	0.00014 U	mg/L
22	Compliance	E011	11/03/2025	Molybdenum, total	0.0550	mg/L
22	Compliance	E011	11/03/2025	Oxidation Reduction Potential	85.4	mV
22	Compliance	E011	11/03/2025	pH (field)	7.5	SU
22	Compliance	E011	11/03/2025	Radium 226 + Radium 228, total	1.32	pCi/L
22	Compliance	E011	11/03/2025	Selenium, total	0.0100	mg/L
22	Compliance	E011	11/03/2025	Specific Conductance @ 25C (field)	1,038	micromhos/cm
22	Compliance	E011	11/03/2025	Sulfate, total	110	mg/L
22	Compliance	E011	11/03/2025	Temperature	16.2	degrees C
22	Compliance	E011	11/03/2025	Thallium, total	0.00038 U	mg/L
22	Compliance	E011	11/03/2025	Total Dissolved Solids	520	mg/L
22	Compliance	E011	11/03/2025	Turbidity, field	3.80	NTU
22D	Compliance	E011	11/03/2025	Antimony, total	0.00043 U	mg/L
22D	Compliance	E011	11/03/2025	Arsenic, total	0.00069 U	mg/L
22D	Compliance	E011	11/03/2025	Barium, total	0.0640	mg/L
22D	Compliance	E011	11/03/2025	Beryllium, total	0.00059 U	mg/L
22D	Compliance	E011	11/03/2025	Boron, total	1.30	mg/L
22D	Compliance	E011	11/03/2025	Cadmium, total	0.00074 U	mg/L
22D	Compliance	E011	11/03/2025	Calcium, total	110	mg/L
22D	Compliance	E011	11/03/2025	Chloride, total	120	mg/L
22D	Compliance	E011	11/03/2025	Chromium, total	0.0028 U	mg/L
22D	Compliance	E011	11/03/2025	Cobalt, total	0.00048 U	mg/L
22D	Compliance	E011	11/03/2025	Dissolved Oxygen	0	mg/L
22D	Compliance	E011	11/03/2025	Fluoride, total	0.2 U	mg/L
22D	Compliance	E011	11/03/2025	Lead, total	0.00022 U	mg/L
22D	Compliance	E011	11/03/2025	Lithium, total	0.014 J	mg/L
22D	Compliance	E011	11/03/2025	Mercury, total	0.00014 U	mg/L
22D	Compliance	E011	11/03/2025	Molybdenum, total	0.00530	mg/L
22D	Compliance	E011	11/03/2025	Oxidation Reduction Potential	42.3	mV
22D	Compliance	E011	11/03/2025	pH (field)	6.8	SU
22D	Compliance	E011	11/03/2025	Radium 226 + Radium 228, total	1.59	pCi/L
22D	Compliance	E011	11/03/2025	Selenium, total	0.00074 U	mg/L
22D	Compliance	E011	11/03/2025	Specific Conductance @ 25C (field)	1,140	micromhos/cm
22D	Compliance	E011	11/03/2025	Sulfate, total	91.0	mg/L
22D	Compliance	E011	11/03/2025	Temperature	15.8	degrees C
22D	Compliance	E011	11/03/2025	Thallium, total	0.00038 U	mg/L
22D	Compliance	E011	11/03/2025	Total Dissolved Solids	540	mg/L
22D	Compliance	E011	11/03/2025	Turbidity, field	5.30	NTU
23	Compliance	E011	10/29/2025	Antimony, total	0.00043 U	mg/L
23	Compliance	E011	10/29/2025	Arsenic, total	0.00069 U	mg/L
23	Compliance	E011	10/29/2025	Barium, total	0.0360	mg/L
23	Compliance	E011	10/29/2025	Beryllium, total	0.00059 U	mg/L
23	Compliance	E011	10/29/2025	Boron, total	8.10	mg/L
23	Compliance	E011	10/29/2025	Cadmium, total	0.00074 U	mg/L
23	Compliance	E011	10/29/2025	Calcium, total	100	mg/L
23	Compliance	E011	10/29/2025	Chloride, total	65.0	mg/L

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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
23	Compliance	E011	10/29/2025	Chromium, total	0.0028 U	mg/L
23	Compliance	E011	10/29/2025	Cobalt, total	0.00048 U	mg/L
23	Compliance	E011	10/29/2025	Dissolved Oxygen	0	mg/L
23	Compliance	E011	10/29/2025	Fluoride, total	0.2 U	mg/L
23	Compliance	E011	10/29/2025	Lead, total	0.00022 U	mg/L
23	Compliance	E011	10/29/2025	Lithium, total	0.005 U	mg/L
23	Compliance	E011	10/29/2025	Mercury, total	0.00014 U	mg/L
23	Compliance	E011	10/29/2025	Molybdenum, total	0.0140	mg/L
23	Compliance	E011	10/29/2025	Oxidation Reduction Potential	-24.5	mV
23	Compliance	E011	10/29/2025	pH (field)	7.4	SU
23	Compliance	E011	10/29/2025	Radium 226 + Radium 228, total	0.51	pCi/L
23	Compliance	E011	10/29/2025	Selenium, total	0.00074 U	mg/L
23	Compliance	E011	10/29/2025	Specific Conductance @ 25C (field)	1,254	micromhos/cm
23	Compliance	E011	10/29/2025	Sulfate, total	410	mg/L
23	Compliance	E011	10/29/2025	Temperature	13.4	degrees C
23	Compliance	E011	10/29/2025	Thallium, total	0.00038 U	mg/L
23	Compliance	E011	10/29/2025	Total Dissolved Solids	750	mg/L
23	Compliance	E011	10/29/2025	Turbidity, field	3.50	NTU
27	Compliance	E011	10/28/2025	Antimony, total	0.00043 U	mg/L
27	Compliance	E011	10/28/2025	Arsenic, total	0.00340	mg/L
27	Compliance	E011	10/28/2025	Barium, total	0.200	mg/L
27	Compliance	E011	10/28/2025	Beryllium, total	0.00063 J	mg/L
27	Compliance	E011	10/28/2025	Boron, total	2.20	mg/L
27	Compliance	E011	10/28/2025	Cadmium, total	0.00350	mg/L
27	Compliance	E011	10/28/2025	Calcium, total	130	mg/L
27	Compliance	E011	10/28/2025	Chloride, total	110	mg/L
27	Compliance	E011	10/28/2025	Chromium, total	0.0160	mg/L
27	Compliance	E011	10/28/2025	Cobalt, total	0.00520	mg/L
27	Compliance	E011	10/28/2025	Dissolved Oxygen	5.80	mg/L
27	Compliance	E011	10/28/2025	Fluoride, total	0.2 U	mg/L
27	Compliance	E011	10/28/2025	Lead, total	0.0140	mg/L
27	Compliance	E011	10/28/2025	Lithium, total	0.0280	mg/L
27	Compliance	E011	10/28/2025	Mercury, total	0.00019 J	mg/L
27	Compliance	E011	10/28/2025	Molybdenum, total	0.00590	mg/L
27	Compliance	E011	10/28/2025	Oxidation Reduction Potential	25.2	mV
27	Compliance	E011	10/28/2025	pH (field)	7.3	SU
27	Compliance	E011	10/28/2025	Radium 226 + Radium 228, total	6.49	pCi/L
27	Compliance	E011	10/28/2025	Selenium, total	0.00074 U	mg/L
27	Compliance	E011	10/28/2025	Specific Conductance @ 25C (field)	1,050	micromhos/cm
27	Compliance	E011	10/28/2025	Sulfate, total	120	mg/L
27	Compliance	E011	10/28/2025	Temperature	13.6	degrees C
27	Compliance	E011	10/28/2025	Thallium, total	0.00038 U	mg/L
27	Compliance	E011	10/28/2025	Total Dissolved Solids	620	mg/L
27	Compliance	E011	10/28/2025	Turbidity, field	1,000	NTU
35	Compliance	E011	11/03/2025	Antimony, total	0.00043 U	mg/L
35	Compliance	E011	11/03/2025	Arsenic, total	0.00200	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
35	Compliance	E011	11/03/2025	Barium, total	0.0710	mg/L
35	Compliance	E011	11/03/2025	Beryllium, total	0.00059 U	mg/L
35	Compliance	E011	11/03/2025	Boron, total	15.0	mg/L
35	Compliance	E011	11/03/2025	Cadmium, total	0.00074 U	mg/L
35	Compliance	E011	11/03/2025	Calcium, total	370	mg/L
35	Compliance	E011	11/03/2025	Chloride, total	25.0	mg/L
35	Compliance	E011	11/03/2025	Chromium, total	0.0028 U	mg/L
35	Compliance	E011	11/03/2025	Cobalt, total	0.00390	mg/L
35	Compliance	E011	11/03/2025	Dissolved Oxygen	1.10	mg/L
35	Compliance	E011	11/03/2025	Fluoride, total	0.2 U	mg/L
35	Compliance	E011	11/03/2025	Lead, total	0.00033 J	mg/L
35	Compliance	E011	11/03/2025	Lithium, total	0.017 J	mg/L
35	Compliance	E011	11/03/2025	Mercury, total	0.00014 U	mg/L
35	Compliance	E011	11/03/2025	Molybdenum, total	0.0780	mg/L
35	Compliance	E011	11/03/2025	Oxidation Reduction Potential	50.0	mV
35	Compliance	E011	11/03/2025	pH (field)	6.8	SU
35	Compliance	E011	11/03/2025	Radium 226 + Radium 228, total	0.96	pCi/L
35	Compliance	E011	11/03/2025	Selenium, total	0.00074 U	mg/L
35	Compliance	E011	11/03/2025	Specific Conductance @ 25C (field)	1,948	micromhos/cm
35	Compliance	E011	11/03/2025	Sulfate, total	920	mg/L
35	Compliance	E011	11/03/2025	Temperature	16.8	degrees C
35	Compliance	E011	11/03/2025	Thallium, total	0.00038 U	mg/L
35	Compliance	E011	11/03/2025	Total Dissolved Solids	1,400	mg/L
35	Compliance	E011	11/03/2025	Turbidity, field	27.1	NTU
49	Compliance	E011	10/29/2025	Antimony, total	0.00043 U	mg/L
49	Compliance	E011	10/29/2025	Arsenic, total	0.00069 U	mg/L
49	Compliance	E011	10/29/2025	Barium, total	0.0560	mg/L
49	Compliance	E011	10/29/2025	Beryllium, total	0.00059 U	mg/L
49	Compliance	E011	10/29/2025	Boron, total	0.660	mg/L
49	Compliance	E011	10/29/2025	Cadmium, total	0.00110	mg/L
49	Compliance	E011	10/29/2025	Calcium, total	110	mg/L
49	Compliance	E011	10/29/2025	Chloride, total	120	mg/L
49	Compliance	E011	10/29/2025	Chromium, total	0.0028 U	mg/L
49	Compliance	E011	10/29/2025	Cobalt, total	0.00230	mg/L
49	Compliance	E011	10/29/2025	Dissolved Oxygen	0.0100	mg/L
49	Compliance	E011	10/29/2025	Fluoride, total	0.2 U	mg/L
49	Compliance	E011	10/29/2025	Lead, total	0.00022 U	mg/L
49	Compliance	E011	10/29/2025	Lithium, total	0.019 J	mg/L
49	Compliance	E011	10/29/2025	Mercury, total	0.00014 U	mg/L
49	Compliance	E011	10/29/2025	Molybdenum, total	0.0190	mg/L
49	Compliance	E011	10/29/2025	Oxidation Reduction Potential	30.3	mV
49	Compliance	E011	10/29/2025	pH (field)	7.1	SU
49	Compliance	E011	10/29/2025	Radium 226 + Radium 228, total	0.0482	pCi/L
49	Compliance	E011	10/29/2025	Selenium, total	0.00074 U	mg/L
49	Compliance	E011	10/29/2025	Specific Conductance @ 25C (field)	1,135	micromhos/cm
49	Compliance	E011	10/29/2025	Sulfate, total	73.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
49	Compliance	E011	10/29/2025	Temperature	15.1	degrees C
49	Compliance	E011	10/29/2025	Thallium, total	0.00038 U	mg/L
49	Compliance	E011	10/29/2025	Total Dissolved Solids	560	mg/L
49	Compliance	E011	10/29/2025	Turbidity, field	5.90	NTU
50	Compliance	E011	11/05/2025	Antimony, total	0.00043 U	mg/L
50	Compliance	E011	11/05/2025	Arsenic, total	0.00069 U	mg/L
50	Compliance	E011	11/05/2025	Barium, total	0.0610	mg/L
50	Compliance	E011	11/05/2025	Beryllium, total	0.00059 U	mg/L
50	Compliance	E011	11/05/2025	Boron, total	1.80	mg/L
50	Compliance	E011	11/05/2025	Cadmium, total	0.00130	mg/L
50	Compliance	E011	11/05/2025	Calcium, total	98.0	mg/L
50	Compliance	E011	11/05/2025	Chloride, total	83.0	mg/L
50	Compliance	E011	11/05/2025	Chromium, total	0.0028 U	mg/L
50	Compliance	E011	11/05/2025	Cobalt, total	0.00340	mg/L
50	Compliance	E011	11/05/2025	Dissolved Oxygen	0	mg/L
50	Compliance	E011	11/05/2025	Fluoride, total	0.172 U	mg/L
50	Compliance	E011	11/05/2025	Lead, total	0.00022 U	mg/L
50	Compliance	E011	11/05/2025	Lithium, total	0.0300	mg/L
50	Compliance	E011	11/05/2025	Mercury, total	0.00014 U	mg/L
50	Compliance	E011	11/05/2025	Molybdenum, total	0.0420	mg/L
50	Compliance	E011	11/05/2025	Oxidation Reduction Potential	130	mV
50	Compliance	E011	11/05/2025	pH (field)	7.6	SU
50	Compliance	E011	11/05/2025	Radium 226 + Radium 228, total	0.632	pCi/L
50	Compliance	E011	11/05/2025	Selenium, total	0.00074 U	mg/L
50	Compliance	E011	11/05/2025	Specific Conductance @ 25C (field)	963	micromhos/cm
50	Compliance	E011	11/05/2025	Sulfate, total	110	mg/L
50	Compliance	E011	11/05/2025	Temperature	16.2	degrees C
50	Compliance	E011	11/05/2025	Thallium, total	0.00038 U	mg/L
50	Compliance	E011	11/05/2025	Total Dissolved Solids	470	mg/L
50	Compliance	E011	11/05/2025	Turbidity, field	1.90	NTU
51	Compliance	E011	10/29/2025	Antimony, total	0.00043 U	mg/L
51	Compliance	E011	10/29/2025	Arsenic, total	0.0180	mg/L
51	Compliance	E011	10/29/2025	Barium, total	0.0990	mg/L
51	Compliance	E011	10/29/2025	Beryllium, total	0.00059 U	mg/L
51	Compliance	E011	10/29/2025	Boron, total	1.20	mg/L
51	Compliance	E011	10/29/2025	Cadmium, total	0.00074 U	mg/L
51	Compliance	E011	10/29/2025	Calcium, total	110	mg/L
51	Compliance	E011	10/29/2025	Chloride, total	120	mg/L
51	Compliance	E011	10/29/2025	Chromium, total	0.0028 U	mg/L
51	Compliance	E011	10/29/2025	Cobalt, total	0.00055 J	mg/L
51	Compliance	E011	10/29/2025	Dissolved Oxygen	0	mg/L
51	Compliance	E011	10/29/2025	Fluoride, total	0.2 U	mg/L
51	Compliance	E011	10/29/2025	Lead, total	0.00022 U	mg/L
51	Compliance	E011	10/29/2025	Lithium, total	0.0200	mg/L
51	Compliance	E011	10/29/2025	Mercury, total	0.00014 U	mg/L
51	Compliance	E011	10/29/2025	Molybdenum, total	0.00720	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 4, 2025
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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
51	Compliance	E011	10/29/2025	Oxidation Reduction Potential	-119	mV
51	Compliance	E011	10/29/2025	pH (field)	7.2	SU
51	Compliance	E011	10/29/2025	Radium 226 + Radium 228, total	1	pCi/L
51	Compliance	E011	10/29/2025	Selenium, total	0.00074 U	mg/L
51	Compliance	E011	10/29/2025	Specific Conductance @ 25C (field)	1,164	micromhos/cm
51	Compliance	E011	10/29/2025	Sulfate, total	84.0	mg/L
51	Compliance	E011	10/29/2025	Temperature	13.2	degrees C
51	Compliance	E011	10/29/2025	Thallium, total	0.00038 U	mg/L
51	Compliance	E011	10/29/2025	Total Dissolved Solids	540	mg/L
51	Compliance	E011	10/29/2025	Turbidity, field	9.30	NTU

Notes:
C = Celsius
cm = centimeter
Events:
E011 = Quarter 4, 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.
NR[2] = Data has been rejected following data quality review.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
Result qualifiers as defined in the United States Environmental Protection Agency's *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimated quantity, but the result may be biased high.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
21/21R	UA	E011	Antimony, total	mg/L	12/10/15 - 10/28/25	37	100	All ND - Last	0.003	0.006	Standard	No Exceedance
21/21R	UA	E011	Arsenic, total	mg/L	12/10/15 - 10/28/25	38	0	CB around linear reg	0.0233	0.010	Standard	Exceedance
21/21R	UA	E011	Barium, total	mg/L	12/10/15 - 10/28/25	37	0	CB around linear reg	0.303	2.0	Standard	No Exceedance
21/21R	UA	E011	Beryllium, total	mg/L	12/10/15 - 10/28/25	37	100	All ND - Last	0.001	0.004	Standard	No Exceedance
21/21R	UA	E011	Boron, total	mg/L	12/10/15 - 10/28/25	38	0	CB around T-S line	1.4	2	Standard	No Exceedance
21/21R	UA	E011	Cadmium, total	mg/L	12/10/15 - 10/28/25	37	100	All ND - Last	0.001	0.005	Standard	No Exceedance
21/21R	UA	E011	Chloride, total	mg/L	12/10/15 - 10/28/25	40	0	CB around linear reg	100	200	Standard	No Exceedance
21/21R	UA	E011	Chromium, total	mg/L	12/10/15 - 10/28/25	37	65	CB around T-S line	0.00229	0.1	Standard	No Exceedance
21/21R	UA	E011	Cobalt, total	mg/L	12/10/15 - 10/28/25	37	70	CI around median	0.001	0.006	Standard	No Exceedance
21/21R	UA	E011	Fluoride, total	mg/L	12/10/15 - 10/28/25	38	10	CI around median	0.14	4.0	Standard	No Exceedance
21/21R	UA	E011	Lead, total	mg/L	12/10/15 - 10/28/25	37	46	CI around median	0.001	0.0075	Standard	No Exceedance
21/21R	UA	E011	Lithium, total	mg/L	12/10/15 - 10/28/25	37	3	CB around T-S line	0.0217	0.04	Standard	No Exceedance
21/21R	UA	E011	Mercury, total	mg/L	12/10/15 - 10/28/25	37	97	CI around median	0.0002	0.002	Standard	No Exceedance
21/21R	UA	E011	Molybdenum, total	mg/L	12/10/15 - 10/28/25	37	3	CI around mean	0.00704	0.1	Standard	No Exceedance
21/21R	UA	E011	pH (field)	SU	12/10/15 - 10/28/25	40	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
21/21R	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 10/28/25	30	0	CI around mean	0.909	5	Standard	No Exceedance
21/21R	UA	E011	Selenium, total	mg/L	12/10/15 - 10/28/25	37	100	All ND - Last	0.001	0.05	Standard	No Exceedance
21/21R	UA	E011	Sulfate, total	mg/L	12/10/15 - 10/28/25	40	0	CB around T-S line	30.1	400	Standard	No Exceedance
21/21R	UA	E011	Thallium, total	mg/L	12/10/15 - 10/28/25	37	100	All ND - Last	0.001	0.002	Standard	No Exceedance
21/21R	UA	E011	Total Dissolved Solids	mg/L	12/10/15 - 10/28/25	38	0	CB around T-S line	600	1,200	Standard	No Exceedance
22	UA	E011	Antimony, total	mg/L	12/10/15 - 11/03/25	40	92	CB around T-S line	0.001	0.006	Standard	No Exceedance
22	UA	E011	Arsenic, total	mg/L	12/10/15 - 11/03/25	44	75	CI around median	0.001	0.010	Standard	No Exceedance
22	UA	E011	Barium, total	mg/L	12/10/15 - 11/03/25	40	0	CB around T-S line	0.0521	2.0	Standard	No Exceedance
22	UA	E011	Beryllium, total	mg/L	12/10/15 - 11/03/25	40	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22	UA	E011	Boron, total	mg/L	12/10/15 - 11/03/25	45	0	CB around T-S line	2.15	2	Standard	Exceedance
22	UA	E011	Cadmium, total	mg/L	12/10/15 - 11/03/25	40	2	CI around mean	0.00431	0.005	Standard	No Exceedance
22	UA	E011	Chloride, total	mg/L	12/10/15 - 11/03/25	47	0	CB around T-S line	92.7	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
22	UA	E011	Chromium, total	mg/L	12/10/15 - 11/03/25	40	100	All ND - Last	0.004	0.1	Standard	No Exceedance
22	UA	E011	Cobalt, total	mg/L	12/10/15 - 11/03/25	40	5	CI around mean	0.0019	0.006	Standard	No Exceedance
22	UA	E011	Fluoride, total	mg/L	12/10/15 - 11/03/25	40	8	CI around median	0.15	4.0	Standard	No Exceedance
22	UA	E011	Lead, total	mg/L	12/10/15 - 11/03/25	40	98	CB around T-S line	0.000924	0.0075	Standard	No Exceedance
22	UA	E011	Lithium, total	mg/L	12/10/15 - 11/03/25	44	0	CB around T-S line	0.0421	0.04	Standard	Exceedance
22	UA	E011	Mercury, total	mg/L	12/10/15 - 11/03/25	38	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22	UA	E011	Molybdenum, total	mg/L	12/10/15 - 11/03/25	44	0	CB around T-S line	0.0363	0.1	Standard	No Exceedance
22	UA	E011	pH (field)	SU	12/10/15 - 11/03/25	43	0	CI around median	7.6/7.7	6.5/9.0	Standard/Standard	No Exceedance
22	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 11/03/25	31	0	CI around mean	0.389	5	Standard	No Exceedance
22	UA	E011	Selenium, total	mg/L	12/10/15 - 11/03/25	40	0	CI around geomean	0.0126	0.05	Standard	No Exceedance
22	UA	E011	Sulfate, total	mg/L	12/10/15 - 11/03/25	47	0	CB around linear reg	82.5	400	Standard	No Exceedance
22	UA	E011	Thallium, total	mg/L	12/10/15 - 11/03/25	40	95	CB around T-S line	0.002	0.002	Standard	No Exceedance
22	UA	E011	Total Dissolved Solids	mg/L	12/10/15 - 11/03/25	47	0	CB around linear reg	565	1,200	Standard	No Exceedance
22D	UA	E011	Antimony, total	mg/L	09/17/19 - 11/03/25	24	100	All ND - Last	0.003	0.006	Standard	No Exceedance
22D	UA	E011	Arsenic, total	mg/L	09/17/19 - 11/03/25	24	29	CB around T-S line	0.000878	0.010	Standard	No Exceedance
22D	UA	E011	Barium, total	mg/L	09/17/19 - 11/03/25	24	0	CB around T-S line	0.0662	2.0	Standard	No Exceedance
22D	UA	E011	Beryllium, total	mg/L	09/17/19 - 11/03/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22D	UA	E011	Boron, total	mg/L	09/17/19 - 11/03/25	24	0	CB around T-S line	0.974	2	Standard	No Exceedance
22D	UA	E011	Cadmium, total	mg/L	09/17/19 - 11/03/25	24	100	All ND - Last	0.001	0.005	Standard	No Exceedance
22D	UA	E011	Chloride, total	mg/L	09/17/19 - 11/03/25	24	0	CI around mean	92.6	200	Standard	No Exceedance
22D	UA	E011	Chromium, total	mg/L	09/17/19 - 11/03/25	24	92	CB around T-S line	0.0015	0.1	Standard	No Exceedance
22D	UA	E011	Cobalt, total	mg/L	09/17/19 - 11/03/25	24	96	CI around median	0.001	0.006	Standard	No Exceedance
22D	UA	E011	Fluoride, total	mg/L	09/17/19 - 11/03/25	24	12	CI around median	0.11	4.0	Standard	No Exceedance
22D	UA	E011	Lead, total	mg/L	09/17/19 - 11/03/25	24	92	CB around T-S line	0.000279	0.0075	Standard	No Exceedance
22D	UA	E011	Lithium, total	mg/L	09/17/19 - 11/03/25	24	4	CI around mean	0.0147	0.04	Standard	No Exceedance
22D	UA	E011	Mercury, total	mg/L	12/11/19 - 11/03/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22D	UA	E011	Molybdenum, total	mg/L	09/17/19 - 11/03/25	24	4	CB around T-S line	0.00536	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
22D	UA	E011	pH (field)	SU	09/17/19 - 11/03/25	27	0	CI around median	7.2/7.3	6.5/9.0	Standard/Standard	No Exceedance
22D	UA	E011	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 11/03/25	21	0	CI around mean	0.936	5	Standard	No Exceedance
22D	UA	E011	Selenium, total	mg/L	09/17/19 - 11/03/25	24	100	All ND - Last	0.001	0.05	Standard	No Exceedance
22D	UA	E011	Sulfate, total	mg/L	09/17/19 - 11/03/25	24	0	CB around linear reg	81.3	400	Standard	No Exceedance
22D	UA	E011	Thallium, total	mg/L	09/17/19 - 11/03/25	24	100	All ND - Last	0.001	0.002	Standard	No Exceedance
22D	UA	E011	Total Dissolved Solids	mg/L	09/17/19 - 11/03/25	24	0	CI around mean	610	1,200	Standard	No Exceedance
23	UA	E011	Antimony, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.003	0.006	Standard	No Exceedance
23	UA	E011	Arsenic, total	mg/L	12/10/15 - 10/29/25	44	91	CI around median	0.001	0.010	Standard	No Exceedance
23	UA	E011	Barium, total	mg/L	12/10/15 - 10/29/25	40	0	CB around T-S line	0.0372	2.0	Standard	No Exceedance
23	UA	E011	Beryllium, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.001	0.004	Standard	No Exceedance
23	UA	E011	Boron, total	mg/L	12/10/15 - 10/29/25	45	0	CB around T-S line	8.36	2	Standard	Exceedance
23	UA	E011	Cadmium, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.001	0.005	Standard	No Exceedance
23	UA	E011	Chloride, total	mg/L	12/10/15 - 10/29/25	47	0	CB around linear reg	52.7	200	Standard	No Exceedance
23	UA	E011	Chromium, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.004	0.1	Standard	No Exceedance
23	UA	E011	Cobalt, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.002	0.006	Standard	No Exceedance
23	UA	E011	Fluoride, total	mg/L	12/10/15 - 10/29/25	40	8	CI around median	0.15	4.0	Standard	No Exceedance
23	UA	E011	Lead, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
23	UA	E011	Lithium, total	mg/L	12/10/15 - 10/29/25	44	16	CI around median	0.005	0.04	Standard	No Exceedance
23	UA	E011	Mercury, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
23	UA	E011	Molybdenum, total	mg/L	12/10/15 - 10/29/25	44	0	CI around median	0.0146	0.1	Standard	No Exceedance
23	UA	E011	pH (field)	SU	12/10/15 - 10/29/25	42	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
23	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 10/29/25	31	0	CI around mean	0.263	5	Standard	No Exceedance
23	UA	E011	Selenium, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.001	0.05	Standard	No Exceedance
23	UA	E011	Sulfate, total	mg/L	12/10/15 - 10/29/25	47	0	CI around median	420	400	Standard	Exceedance
23	UA	E011	Thallium, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.001	0.002	Standard	No Exceedance
23	UA	E011	Total Dissolved Solids	mg/L	12/10/15 - 10/29/25	47	0	CI around mean	884	1,200	Standard	No Exceedance
24/51	UA	E011	Antimony, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.003	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
24/51	UA	E011	Arsenic, total	mg/L	12/10/15 - 10/29/25	43	0	CI around mean	0.0204	0.010	Standard	Exceedance
24/51	UA	E011	Barium, total	mg/L	12/10/15 - 10/29/25	38	0	CB around T-S line	0.107	2.0	Standard	No Exceedance
24/51	UA	E011	Beryllium, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.001	0.004	Standard	No Exceedance
24/51	UA	E011	Boron, total	mg/L	12/10/15 - 10/29/25	43	0	CB around linear reg	1.03	2	Standard	No Exceedance
24/51	UA	E011	Cadmium, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.001	0.005	Standard	No Exceedance
24/51	UA	E011	Chloride, total	mg/L	12/10/15 - 10/29/25	45	0	CB around linear reg	106	200	Standard	No Exceedance
24/51	UA	E011	Chromium, total	mg/L	12/10/15 - 10/29/25	38	79	CB around T-S line	0.00187	0.1	Standard	No Exceedance
24/51	UA	E011	Cobalt, total	mg/L	12/10/15 - 10/29/25	38	76	CI around median	0.001	0.006	Standard	No Exceedance
24/51	UA	E011	Fluoride, total	mg/L	12/10/15 - 10/29/25	38	8	CI around median	0.14	4.0	Standard	No Exceedance
24/51	UA	E011	Lead, total	mg/L	12/10/15 - 10/29/25	38	60	CI around median	0.001	0.0075	Standard	No Exceedance
24/51	UA	E011	Lithium, total	mg/L	12/10/15 - 10/29/25	42	0	CB around T-S line	0.0235	0.04	Standard	No Exceedance
24/51	UA	E011	Mercury, total	mg/L	12/10/15 - 10/29/25	37	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
24/51	UA	E011	Molybdenum, total	mg/L	12/10/15 - 10/29/25	42	2	CB around linear reg	0.00703	0.1	Standard	No Exceedance
24/51	UA	E011	pH (field)	SU	12/10/15 - 10/29/25	40	0	CB around linear reg	7.2/7.4	6.5/9.0	Standard/Standard	No Exceedance
24/51	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 10/29/25	30	0	CB around T-S line	1.1	5	Standard	No Exceedance
24/51	UA	E011	Selenium, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.001	0.05	Standard	No Exceedance
24/51	UA	E011	Sulfate, total	mg/L	12/10/15 - 10/29/25	45	0	CB around linear reg	73.3	400	Standard	No Exceedance
24/51	UA	E011	Thallium, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.001	0.002	Standard	No Exceedance
24/51	UA	E011	Total Dissolved Solids	mg/L	12/10/15 - 10/29/25	45	0	CI around mean	621	1,200	Standard	No Exceedance
27	UA	E011	Antimony, total	mg/L	09/12/18 - 10/28/25	27	100	All ND - Last	0.003	0.006	Standard	No Exceedance
27	UA	E011	Arsenic, total	mg/L	09/12/18 - 10/28/25	27	48	CI around median	0.001	0.010	Standard	No Exceedance
27	UA	E011	Barium, total	mg/L	09/12/18 - 10/28/25	27	0	CI around median	0.0838	2.0	Standard	No Exceedance
27	UA	E011	Beryllium, total	mg/L	09/12/18 - 10/28/25	27	100	All ND - Last	0.001	0.004	Standard	No Exceedance
27	UA	E011	Boron, total	mg/L	09/12/18 - 10/28/25	27	0	CB around linear reg	1.5	2	Standard	No Exceedance
27	UA	E011	Cadmium, total	mg/L	09/12/18 - 10/28/25	27	93	CI around median	0.0005	0.005	Standard	No Exceedance
27	UA	E011	Chloride, total	mg/L	03/08/16 - 10/28/25	32	0	CB around linear reg	97.4	200	Standard	No Exceedance
27	UA	E011	Chromium, total	mg/L	09/12/18 - 10/28/25	27	78	CB around T-S line	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
27	UA	E011	Cobalt, total	mg/L	09/12/18 - 10/28/25	27	0	CI around mean	0.00197	0.006	Standard	No Exceedance
27	UA	E011	Fluoride, total	mg/L	09/12/18 - 10/28/25	27	7	CI around median	0.12	4.0	Standard	No Exceedance
27	UA	E011	Lead, total	mg/L	09/12/18 - 10/28/25	27	44	CI around median	0.001	0.0075	Standard	No Exceedance
27	UA	E011	Lithium, total	mg/L	09/12/18 - 10/28/25	27	0	CI around mean	0.0217	0.04	Standard	No Exceedance
27	UA	E011	Mercury, total	mg/L	09/12/18 - 10/28/25	27	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
27	UA	E011	Molybdenum, total	mg/L	09/12/18 - 10/28/25	27	37	CI around median	0.0044	0.1	Standard	No Exceedance
27	UA	E011	pH (field)	SU	03/08/16 - 10/28/25	32	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
27	UA	E011	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 10/28/25	21	0	CI around geomean	0.277	5	Standard	No Exceedance
27	UA	E011	Selenium, total	mg/L	09/12/18 - 10/28/25	27	100	All ND - Last	0.001	0.05	Standard	No Exceedance
27	UA	E011	Sulfate, total	mg/L	03/08/16 - 10/28/25	32	0	CB around linear reg	88.9	400	Standard	No Exceedance
27	UA	E011	Thallium, total	mg/L	09/12/18 - 10/28/25	27	100	All ND - Last	0.001	0.002	Standard	No Exceedance
27	UA	E011	Total Dissolved Solids	mg/L	03/08/16 - 10/28/25	32	0	CI around median	642	1,200	Standard	No Exceedance
35	UA	E011	Antimony, total	mg/L	12/09/15 - 11/03/25	39	100	All ND - Last	0.003	0.006	Standard	No Exceedance
35	UA	E011	Arsenic, total	mg/L	12/09/15 - 11/03/25	39	77	CI around median	0.001	0.010	Standard	No Exceedance
35	UA	E011	Barium, total	mg/L	12/09/15 - 11/03/25	39	0	CI around mean	0.0421	2.0	Standard	No Exceedance
35	UA	E011	Beryllium, total	mg/L	12/09/15 - 11/03/25	39	100	All ND - Last	0.001	0.004	Standard	No Exceedance
35	UA	E011	Boron, total	mg/L	12/09/15 - 11/03/25	40	0	CB around linear reg	11.4	2	Standard	Exceedance
35	UA	E011	Cadmium, total	mg/L	12/09/15 - 11/03/25	39	100	All ND - Last	0.001	0.005	Standard	No Exceedance
35	UA	E011	Chloride, total	mg/L	12/09/15 - 11/03/25	40	0	CB around T-S line	13.2	200	Standard	No Exceedance
35	UA	E011	Chromium, total	mg/L	12/09/15 - 11/03/25	39	97	CB around T-S line	0.00183	0.1	Standard	No Exceedance
35	UA	E011	Cobalt, total	mg/L	12/09/15 - 11/03/25	39	41	CI around median	0.001	0.006	Standard	No Exceedance
35	UA	E011	Fluoride, total	mg/L	12/09/15 - 11/03/25	40	5	CI around median	0.17	4.0	Standard	No Exceedance
35	UA	E011	Lead, total	mg/L	12/09/15 - 11/03/25	39	92	CB around T-S line	0.000693	0.0075	Standard	No Exceedance
35	UA	E011	Lithium, total	mg/L	12/09/15 - 11/03/25	39	3	CI around mean	0.0235	0.04	Standard	No Exceedance
35	UA	E011	Mercury, total	mg/L	12/09/15 - 11/03/25	38	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
35	UA	E011	Molybdenum, total	mg/L	12/09/15 - 11/03/25	39	0	CB around linear reg	0.0503	0.1	Standard	No Exceedance
35	UA	E011	pH (field)	SU	12/09/15 - 11/03/25	40	0	CB around linear reg	6.7/6.9	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
35	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 11/03/25	32	0	CI around median	0.353	5	Standard	No Exceedance
35	UA	E011	Selenium, total	mg/L	12/09/15 - 11/03/25	39	100	All ND - Last	0.001	0.05	Standard	No Exceedance
35	UA	E011	Sulfate, total	mg/L	12/09/15 - 11/03/25	40	0	CB around linear reg	699	400	Standard	Exceedance
35	UA	E011	Thallium, total	mg/L	12/09/15 - 11/03/25	39	100	All ND - Last	0.001	0.002	Standard	No Exceedance
35	UA	E011	Total Dissolved Solids	mg/L	12/09/15 - 11/03/25	40	0	CB around linear reg	1,310	1,200	Standard	Exceedance
49	UA	E011	Antimony, total	mg/L	12/10/15 - 10/29/25	39	100	All ND - Last	0.003	0.006	Standard	No Exceedance
49	UA	E011	Arsenic, total	mg/L	12/10/15 - 10/29/25	39	97	CI around median	0.001	0.010	Standard	No Exceedance
49	UA	E011	Barium, total	mg/L	12/10/15 - 10/29/25	39	0	CB around T-S line	0.0615	2.0	Standard	No Exceedance
49	UA	E011	Beryllium, total	mg/L	12/10/15 - 10/29/25	39	100	All ND - Last	0.001	0.004	Standard	No Exceedance
49	UA	E011	Boron, total	mg/L	12/10/15 - 10/29/25	40	0	CB around linear reg	0.397	2	Standard	No Exceedance
49	UA	E011	Cadmium, total	mg/L	12/10/15 - 10/29/25	39	23	CI around geomean	0.00106	0.005	Standard	No Exceedance
49	UA	E011	Chloride, total	mg/L	12/10/15 - 10/29/25	40	0	CI around median	100	200	Standard	No Exceedance
49	UA	E011	Chromium, total	mg/L	12/10/15 - 10/29/25	39	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
49	UA	E011	Cobalt, total	mg/L	12/10/15 - 10/29/25	39	0	CI around mean	0.00403	0.006	Standard	No Exceedance
49	UA	E011	Fluoride, total	mg/L	12/10/15 - 10/29/25	40	5	CI around median	0.15	4.0	Standard	No Exceedance
49	UA	E011	Lead, total	mg/L	12/10/15 - 10/29/25	39	92	CI around median	0.001	0.0075	Standard	No Exceedance
49	UA	E011	Lithium, total	mg/L	12/10/15 - 10/29/25	39	3	CI around median	0.0238	0.04	Standard	No Exceedance
49	UA	E011	Mercury, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
49	UA	E011	Molybdenum, total	mg/L	12/10/15 - 10/29/25	39	0	CB around T-S line	0.0165	0.1	Standard	No Exceedance
49	UA	E011	pH (field)	SU	12/10/15 - 10/29/25	41	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
49	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 10/29/25	32	0	CI around mean	0.348	5	Standard	No Exceedance
49	UA	E011	Selenium, total	mg/L	12/10/15 - 10/29/25	39	100	All ND - Last	0.001	0.05	Standard	No Exceedance
49	UA	E011	Sulfate, total	mg/L	12/10/15 - 10/29/25	40	0	CB around linear reg	67.8	400	Standard	No Exceedance
49	UA	E011	Thallium, total	mg/L	12/10/15 - 10/29/25	39	100	All ND - Last	0.001	0.002	Standard	No Exceedance
49	UA	E011	Total Dissolved Solids	mg/L	12/10/15 - 10/29/25	40	0	CB around linear reg	573	1,200	Standard	No Exceedance
50	UA	E011	Antimony, total	mg/L	09/17/19 - 11/05/25	24	100	All ND - Last	0.003	0.006	Standard	No Exceedance
50	UA	E011	Arsenic, total	mg/L	09/17/19 - 11/05/25	24	92	CI around median	0.001	0.010	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
50	UA	E011	Barium, total	mg/L	09/17/19 - 11/05/25	24	0	CB around linear reg	0.0614	2.0	Standard	No Exceedance
50	UA	E011	Beryllium, total	mg/L	09/17/19 - 11/05/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
50	UA	E011	Boron, total	mg/L	09/17/19 - 11/05/25	24	0	CI around median	0.732	2	Standard	No Exceedance
50	UA	E011	Cadmium, total	mg/L	09/17/19 - 11/05/25	24	4	CI around median	0.0012	0.005	Standard	No Exceedance
50	UA	E011	Chloride, total	mg/L	09/17/19 - 11/05/25	24	0	CI around mean	86.2	200	Standard	No Exceedance
50	UA	E011	Chromium, total	mg/L	09/17/19 - 11/05/25	24	100	All ND - Last	0.004	0.1	Standard	No Exceedance
50	UA	E011	Cobalt, total	mg/L	09/17/19 - 11/05/25	24	0	CI around mean	0.00391	0.006	Standard	No Exceedance
50	UA	E011	Fluoride, total	mg/L	09/17/19 - 11/05/25	24	21	CB around T-S line	0.125	4.0	Standard	No Exceedance
50	UA	E011	Lead, total	mg/L	09/17/19 - 11/05/25	24	96	CB around T-S line	0.000285	0.0075	Standard	No Exceedance
50	UA	E011	Lithium, total	mg/L	09/17/19 - 11/05/25	24	0	CB around T-S line	0.0241	0.04	Standard	No Exceedance
50	UA	E011	Mercury, total	mg/L	12/11/19 - 11/05/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
50	UA	E011	Molybdenum, total	mg/L	09/17/19 - 11/05/25	24	0	CB around T-S line	0.0384	0.1	Standard	No Exceedance
50	UA	E011	pH (field)	SU	09/17/19 - 11/05/25	27	0	CB around linear reg	7.4/7.7	6.5/9.0	Standard/Standard	No Exceedance
50	UA	E011	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 11/05/25	20	0	CI around mean	0.603	5	Standard	No Exceedance
50	UA	E011	Selenium, total	mg/L	09/17/19 - 11/05/25	24	100	All ND - Last	0.001	0.05	Standard	No Exceedance
50	UA	E011	Sulfate, total	mg/L	09/17/19 - 11/05/25	24	0	CI around mean	93.4	400	Standard	No Exceedance
50	UA	E011	Thallium, total	mg/L	09/17/19 - 11/05/25	24	100	All ND - Last	0.001	0.002	Standard	No Exceedance
50	UA	E011	Total Dissolved Solids	mg/L	09/17/19 - 11/05/25	24	0	CI around mean	595	1,200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Notes:
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) as part of Dynegy Midwest Generation, LLC's (DMG's) operating permit application for the West Ash Pond System. 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:
- E011 = Quarter 4, 2025 sampling event

HSU = hydrostratigraphic unit:
- UA = Uppermost Aquifer

mg/L = milligrams per liter
ND = non-detect
pCi/L = picocuries per liter
SU = standard units
Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:
- All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown.
- CB around linear reg = Confidence band around linear regression
- CB around T-S line = Confidence band around Thiel-Sen line
- CI around geomean = Confidence interval around the geometric mean
- CI around mean = Confidence interval around the mean
- CI around median = Confidence interval around the median

Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
Statistical Result Code (if applicable):
- NR[1] = Parameter not analyzed.
- NR[2] = Data has been rejected following data quality review.
- 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 WELL
BACKGROUND WELL
REGULATED UNIT (SUBJECT UNIT)
LIMITS OF FINAL COVER
PROPERTY BOUNDARY

0 200 400
Feet

MONITORING WELL LOCATION MAP

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES REPORT
QUARTER 4, 2025

WEST ASH POND SYSTEM
HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

PROJECT: 169000XXXX | DATED: 1/19/2023 | DESIGNER: galarnmc

Y:\Mapping\Projects\2212285\MXD\GMP\Hennepin\OWAP_804Figure 2-1, Expanded Part 257 GW Monitoring Well Network.mxd

ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 4, 2025

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
21R	Compliance	10/27/2025	6.12	446.31
22	Compliance	10/27/2025	18.81	446.12
22D	Compliance	10/27/2025	19.51	446.40
23	Compliance	10/27/2025	17.14	446.77
27	Compliance	10/27/2025	4.24	446.79
32	Background	10/27/2025	5.02	447.00
34	Background	10/27/2025	8.52	441.49
35	Compliance	10/27/2025	8.40	446.83
49	Compliance	10/27/2025	21.91	446.65
50	Compliance	10/27/2025	18.61	445.79
51	Compliance	10/27/2025	18.83	446.21

Notes:
BMP = below measuring point
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 4, 2025

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

December 16, 2025

Brian Voelker
Vistra - Hennepin
13498 E 800th Street
Hennepin, IL 61327

Dear Brian Voelker:

Please find enclosed the **revised** analytical results for the sample(s) the laboratory received. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

Diane Billings
Project Manager

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Case Narrative

The original report was issued 12/8/25. A revised report was issued due to a lab error with Alkalinity bicarbonate/carbonate on the following wells: 12, 23, 27, 32, 46, 49, 51, 21R, 27 Dup, EB#1.

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ANALYTICAL RESULTS

Sample: IJ05413-03
Name: 21R
Matrix: Ground Water - Grab

Sampled: 10/28/25 14:28
Received: 10/29/25 07:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	98	mg/L		11/03/25 19:00	10	10	11/03/25 19:00	JSM	EPA 300.0 REV 2.1
Sulfate	54	mg/L		11/03/25 19:00	10	10	11/03/25 19:00	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	6.13	Feet		10/28/25 14:28	1		10/28/25 14:28	FIELD	Field*
Dissolved oxygen, Field	1.3	mg/L		10/28/25 14:28	1		10/28/25 14:28	FIELD	Field*
Oxidation Reduction Potential	-151	mV		10/28/25 14:28	1	-500	10/28/25 14:28	FIELD	Field*
pH, Field Measured	7.47	pH Units		10/28/25 14:28	1		10/28/25 14:28	FIELD	Field*
Specific Conductance, Field Measured	1086	umhos/cm		10/28/25 14:28	1		10/28/25 14:28	FIELD	Field*
Temperature, Field Measured	13.9	°C		10/28/25 14:28	1		10/28/25 14:28	FIELD	Field*
Turbidity, Field Measured	299	NTU		10/28/25 14:28	1	0.00	10/28/25 14:28	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	420	mg/L		11/05/25 10:29	1	4.0	11/05/25 10:29	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 4.0	mg/L		11/05/25 10:29	1	4.0	11/05/25 10:29	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/06/25 10:20	1	0.250	11/06/25 10:20	ECM	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	560	mg/L		10/30/25 08:58	1	26	10/30/25 15:15	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		10/30/25 07:25	5	3.0	10/31/25 19:01	TJJ	EPA 6020A
Arsenic	16	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:01	TJJ	EPA 6020A
Barium	280	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:01	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		10/30/25 07:25	5	1.0	11/04/25 13:19	TJJ	EPA 6020A
Boron	1900	ug/L		10/30/25 07:25	5	10	11/07/25 10:35	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:01	TJJ	EPA 6020A
Calcium	120	mg/L		10/30/25 07:25	5	0.20	10/31/25 19:01	TJJ	EPA 6020A
Chromium	9.4	ug/L		10/30/25 07:25	5	4.0	10/31/25 19:01	TJJ	EPA 6020A
Cobalt	2.8	ug/L		10/30/25 07:25	5	2.0	10/31/25 19:01	TJJ	EPA 6020A
Lead	6.2	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:01	TJJ	EPA 6020A
Magnesium	44	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:01	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		10/30/25 07:25	5	0.20	11/07/25 10:35	TJJ	EPA 6020A
Molybdenum	4.9	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:01	TJJ	EPA 6020A
Potassium	3.5	mg/L		10/30/25 07:25	5	0.10	11/04/25 13:19	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IJ05413-03
Name: 21R
Matrix: Ground Water - Grab

Sampled: 10/28/25 14:28
Received: 10/29/25 07:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:01	TJJ	EPA 6020A
Sodium	48	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:01	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:01	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		10/30/25 07:25	1	0.020	10/31/25 12:16	TJJ	EPA 6010B

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ANALYTICAL RESULTS

Sample: IJ05413-04
Name: 27
Matrix: Ground Water - Grab

Sampled: 10/28/25 12:47
Received: 10/29/25 07:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	110	mg/L		11/04/25 14:55	25	25	11/04/25 14:55	JSM	EPA 300.0 REV 2.1
Sulfate	120	mg/L		11/04/25 14:55	25	25	11/04/25 14:55	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	4.25	Feet		10/28/25 12:47	1		10/28/25 12:47	FIELD	Field*
Dissolved oxygen, Field	5.8	mg/L		10/28/25 12:47	1		10/28/25 12:47	FIELD	Field*
Oxidation Reduction Potential	25.2	mV		10/28/25 12:47	1	-500	10/28/25 12:47	FIELD	Field*
pH, Field Measured	7.30	pH Units		10/28/25 12:47	1		10/28/25 12:47	FIELD	Field*
Specific Conductance, Field Measured	1050	umhos/cm		10/28/25 12:47	1		10/28/25 12:47	FIELD	Field*
Temperature, Field Measured	13.6	°C		10/28/25 12:47	1		10/28/25 12:47	FIELD	Field*
Turbidity, Field Measured	>1000	NTU		10/28/25 12:47	1	0.00	10/28/25 12:47	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	320	mg/L		11/05/25 10:29	1	10	11/05/25 10:29	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 10	mg/L		11/05/25 10:29	1	10	11/05/25 10:29	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/06/25 10:23	1	0.250	11/06/25 10:23	ECM	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	620	mg/L		10/30/25 08:58	1	26	10/30/25 15:15	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		10/30/25 07:25	5	3.0	10/31/25 19:12	TJJ	EPA 6020A
Arsenic	3.4	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:12	TJJ	EPA 6020A
Barium	200	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:12	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		10/30/25 07:25	5	1.0	11/04/25 13:22	TJJ	EPA 6020A
Boron	2200	ug/L		10/30/25 07:25	5	10	11/07/25 10:39	TJJ	EPA 6020A
Cadmium	3.5	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:12	TJJ	EPA 6020A
Calcium	130	mg/L		10/30/25 07:25	5	0.20	10/31/25 19:12	TJJ	EPA 6020A
Chromium	16	ug/L		10/30/25 07:25	5	4.0	10/31/25 19:12	TJJ	EPA 6020A
Cobalt	5.2	ug/L		10/30/25 07:25	5	2.0	10/31/25 19:12	TJJ	EPA 6020A
Lead	14	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:12	TJJ	EPA 6020A
Magnesium	40	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:12	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		10/30/25 07:25	5	0.20	11/04/25 13:22	TJJ	EPA 6020A
Molybdenum	5.9	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:12	TJJ	EPA 6020A
Potassium	5.3	mg/L		10/30/25 07:25	5	0.10	11/04/25 13:22	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IJ05413-04
Name: 27
Matrix: Ground Water - Grab

Sampled: 10/28/25 12:47
Received: 10/29/25 07:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:12	TJJ	EPA 6020A
Sodium	53	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:12	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:12	TJJ	EPA 6020A
Lithium	0.028	mg/L		10/30/25 07:25	1	0.020	10/31/25 12:20	TJJ	EPA 6010B

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ANALYTICAL RESULTS

Sample: IJ05413-05
Name: 32
Matrix: Ground Water - Grab

Sampled: 10/28/25 11:25
Received: 10/29/25 07:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	93	mg/L		11/03/25 20:08	10	10	11/03/25 20:08	JSM	EPA 300.0 REV 2.1
Sulfate	100	mg/L		11/04/25 15:12	25	25	11/04/25 15:12	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	5.11	Feet		10/28/25 11:25	1		10/28/25 11:25	FIELD	Field*
Dissolved oxygen, Field	2.8	mg/L		10/28/25 11:25	1		10/28/25 11:25	FIELD	Field*
Oxidation Reduction Potential	-15.2	mV		10/28/25 11:25	1	-500	10/28/25 11:25	FIELD	Field*
pH, Field Measured	7.12	pH Units		10/28/25 11:25	1		10/28/25 11:25	FIELD	Field*
Specific Conductance, Field Measured	1037	umhos/cm		10/28/25 11:25	1		10/28/25 11:25	FIELD	Field*
Temperature, Field Measured	11.7	°C		10/28/25 11:25	1		10/28/25 11:25	FIELD	Field*
Turbidity, Field Measured	820	NTU		10/28/25 11:25	1	0.00	10/28/25 11:25	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	300	mg/L		11/05/25 10:29	1	10	11/05/25 10:29	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 10	mg/L		11/05/25 10:29	1	10	11/05/25 10:29	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/06/25 10:30	1	0.250	11/06/25 10:30	ECM	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	560	mg/L		10/30/25 08:58	1	26	10/30/25 15:15	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		10/30/25 07:25	5	3.0	10/31/25 19:16	TJJ	EPA 6020A
Arsenic	3.9	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:16	TJJ	EPA 6020A
Barium	140	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:16	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		10/30/25 07:25	5	1.0	11/04/25 13:26	TJJ	EPA 6020A
Boron	150	ug/L		10/30/25 07:25	5	10	11/07/25 09:31	TJJ	EPA 6020A
Cadmium	1.1	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:16	TJJ	EPA 6020A
Calcium	110	mg/L		10/30/25 07:25	5	0.20	10/31/25 19:16	TJJ	EPA 6020A
Chromium	13	ug/L		10/30/25 07:25	5	4.0	10/31/25 19:16	TJJ	EPA 6020A
Cobalt	8.9	ug/L		10/30/25 07:25	5	2.0	10/31/25 19:16	TJJ	EPA 6020A
Lead	11	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:16	TJJ	EPA 6020A
Magnesium	45	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:16	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		10/30/25 07:25	5	0.20	11/04/25 13:26	TJJ	EPA 6020A
Molybdenum	1.9	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:16	TJJ	EPA 6020A
Potassium	3.7	mg/L		10/30/25 07:25	5	0.10	11/04/25 13:26	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IJ05413-05
Name: 32
Matrix: Ground Water - Grab

Sampled: 10/28/25 11:25
Received: 10/29/25 07:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:16	TJJ	EPA 6020A
Sodium	44	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:16	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:16	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		10/30/25 07:25	1	0.020	10/31/25 12:21	TJJ	EPA 6010B

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ANALYTICAL RESULTS

Sample: IJ05413-06
Name: 34
Matrix: Ground Water - Grab

Sampled: 10/28/25 13:48
Received: 10/29/25 07:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	79	mg/L		11/03/25 20:42	10	10	11/03/25 20:42	JSM	EPA 300.0 REV 2.1
Sulfate	36	mg/L		11/03/25 20:42	10	10	11/03/25 20:42	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	8.45	Feet		10/28/25 13:48	1		10/28/25 13:48	FIELD	Field*
Dissolved oxygen, Field	1.3	mg/L		10/28/25 13:48	1		10/28/25 13:48	FIELD	Field*
Oxidation Reduction Potential	-91.0	mV		10/28/25 13:48	1	-500	10/28/25 13:48	FIELD	Field*
pH, Field Measured	7.12	pH Units		10/28/25 13:48	1		10/28/25 13:48	FIELD	Field*
Specific Conductance, Field Measured	1300	umhos/cm		10/28/25 13:48	1		10/28/25 13:48	FIELD	Field*
Temperature, Field Measured	13.0	°C		10/28/25 13:48	1		10/28/25 13:48	FIELD	Field*
Turbidity, Field Measured	245	NTU		10/28/25 13:48	1	0.00	10/28/25 13:48	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	600	mg/L		11/05/25 10:29	1	10	11/05/25 10:29	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 10	mg/L		11/05/25 10:29	1	10	11/05/25 10:29	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/06/25 10:32	1	0.250	11/06/25 10:32	ECM	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	710	mg/L		10/30/25 08:58	1	26	10/30/25 15:15	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 5.4	ug/L		10/30/25 07:25	5	5.4	10/31/25 19:19	TJJ	EPA 6020A
Arsenic	4.6	ug/L		10/30/25 07:25	5	1.8	10/31/25 19:19	TJJ	EPA 6020A
Barium	320	ug/L		10/30/25 07:25	5	1.8	10/31/25 19:19	TJJ	EPA 6020A
Beryllium	< 1.8	ug/L		10/30/25 07:25	5	1.8	11/04/25 13:30	TJJ	EPA 6020A
Boron	140	ug/L		10/30/25 07:25	5	18	11/07/25 09:35	TJJ	EPA 6020A
Cadmium	< 1.8	ug/L		10/30/25 07:25	5	1.8	10/31/25 19:19	TJJ	EPA 6020A
Calcium	170	mg/L		10/30/25 07:25	5	0.36	10/31/25 19:19	TJJ	EPA 6020A
Chromium	26	ug/L		10/30/25 07:25	5	7.2	10/31/25 19:19	TJJ	EPA 6020A
Cobalt	7.1	ug/L		10/30/25 07:25	5	3.6	10/31/25 19:19	TJJ	EPA 6020A
Lead	27	ug/L		10/30/25 07:25	5	1.8	10/31/25 19:19	TJJ	EPA 6020A
Magnesium	50	mg/L		10/30/25 07:25	5	0.18	10/31/25 19:19	TJJ	EPA 6020A
Mercury	< 0.36	ug/L		10/30/25 07:25	5	0.36	11/04/25 13:30	TJJ	EPA 6020A
Molybdenum	2.5	ug/L		10/30/25 07:25	5	1.8	10/31/25 19:19	TJJ	EPA 6020A
Potassium	3.0	mg/L		10/30/25 07:25	5	0.18	11/04/25 13:30	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IJ05413-06
Name: 34
Matrix: Ground Water - Grab

Sampled: 10/28/25 13:48
Received: 10/29/25 07:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.8	ug/L		10/30/25 07:25	5	1.8	10/31/25 19:19	TJJ	EPA 6020A
Sodium	52	mg/L		10/30/25 07:25	5	0.18	10/31/25 19:19	TJJ	EPA 6020A
Thallium	< 1.8	ug/L		10/30/25 07:25	5	1.8	10/31/25 19:19	TJJ	EPA 6020A
Lithium	< 0.036	mg/L		10/30/25 07:25	1	0.036	10/31/25 12:22	TJJ	EPA 6010B

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ANALYTICAL RESULTS

Sample: IJ05413-08
Name: 27 Dup
Matrix: Ground Water - Grab

Sampled: 10/28/25 12:47
Received: 10/29/25 07:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	110	mg/L		11/04/25 15:29	25	25	11/04/25 15:29	JSM	EPA 300.0 REV 2.1
Sulfate	120	mg/L		11/04/25 15:29	25	25	11/04/25 15:29	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	4.25	Feet		10/28/25 12:47	1		10/28/25 12:47	FIELD	Field*
Dissolved oxygen, Field	5.8	mg/L		10/28/25 12:47	1		10/28/25 12:47	FIELD	Field*
Oxidation Reduction Potential	25.2	mV		10/28/25 12:47	1	-500	10/28/25 12:47	FIELD	Field*
pH, Field Measured	7.30	pH Units		10/28/25 12:47	1		10/28/25 12:47	FIELD	Field*
Specific Conductance, Field Measured	1050	umhos/cm		10/28/25 12:47	1		10/28/25 12:47	FIELD	Field*
Temperature, Field Measured	13.6	°C		10/28/25 12:47	1		10/28/25 12:47	FIELD	Field*
Turbidity, Field Measured	>1000	NTU		10/28/25 12:47	1	0.00	10/28/25 12:47	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	340	mg/L		11/05/25 10:29	1	10	11/05/25 10:29	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 10	mg/L		11/05/25 10:29	1	10	11/05/25 10:29	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/06/25 10:34	1	0.250	11/06/25 10:34	ECM	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	600	mg/L		10/31/25 10:40	1	26	10/31/25 14:04	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		10/30/25 07:25	5	3.0	10/31/25 19:23	TJJ	EPA 6020A
Arsenic	3.9	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:23	TJJ	EPA 6020A
Barium	220	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:23	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		10/30/25 07:25	5	1.0	11/04/25 13:33	TJJ	EPA 6020A
Boron	2200	ug/L		10/30/25 07:25	5	10	11/07/25 10:42	TJJ	EPA 6020A
Cadmium	4.6	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:23	TJJ	EPA 6020A
Calcium	130	mg/L		10/30/25 07:25	5	0.20	10/31/25 19:23	TJJ	EPA 6020A
Chromium	18	ug/L		10/30/25 07:25	5	4.0	10/31/25 19:23	TJJ	EPA 6020A
Cobalt	6.2	ug/L		10/30/25 07:25	5	2.0	10/31/25 19:23	TJJ	EPA 6020A
Lead	18	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:23	TJJ	EPA 6020A
Magnesium	42	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:23	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		10/30/25 07:25	5	0.20	11/04/25 13:33	TJJ	EPA 6020A
Molybdenum	6.4	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:23	TJJ	EPA 6020A
Potassium	5.2	mg/L		10/30/25 07:25	5	0.10	11/04/25 13:33	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IJ05413-08
Name: 27 Dup
Matrix: Ground Water - Grab

Sampled: 10/28/25 12:47
Received: 10/29/25 07:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:23	TJJ	EPA 6020A
Sodium	52	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:23	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:23	TJJ	EPA 6020A
Lithium	0.028	mg/L		10/30/25 07:25	1	0.020	10/31/25 12:23	TJJ	EPA 6010B

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ANALYTICAL RESULTS

Sample: IJ05629-03
Name: 23
Matrix: Ground Water - Grab

Sampled: 10/29/25 12:49
Received: 10/29/25 16:11

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	65	mg/L	Q4	11/06/25 16:46	25	25	11/06/25 16:46	JSM	EPA 300.0 REV 2.1
Sulfate	410	mg/L		11/07/25 11:03	100	100	11/07/25 11:03	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	17.18	Feet		10/29/25 12:49	1		10/29/25 12:49	FIELD	Field*
Dissolved oxygen, Field	0.0	mg/L		10/29/25 12:49	1		10/29/25 12:49	FIELD	Field*
Oxidation Reduction Potential	-24.5	mV		10/29/25 12:49	1	-500	10/29/25 12:49	FIELD	Field*
pH, Field Measured	7.42	pH Units		10/29/25 12:49	1		10/29/25 12:49	FIELD	Field*
Specific Conductance, Field Measured	1254	umhos/cm		10/29/25 12:49	1		10/29/25 12:49	FIELD	Field*
Temperature, Field Measured	13.4	°C		10/29/25 12:49	1		10/29/25 12:49	FIELD	Field*
Turbidity, Field Measured	3.50	NTU		10/29/25 12:49	1	0.00	10/29/25 12:49	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	180	mg/L		11/07/25 09:19	1	4.0	11/07/25 09:19	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 4.0	mg/L		11/07/25 09:19	1	4.0	11/07/25 09:19	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/10/25 14:45	1	0.250	11/10/25 14:45	CRD	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	750	mg/L		10/31/25 10:40	1	26	10/31/25 14:04	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		10/30/25 07:25	5	3.0	10/31/25 19:34	TJJ	EPA 6020A
Arsenic	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:34	TJJ	EPA 6020A
Barium	36	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:34	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		10/30/25 07:25	5	1.0	11/04/25 13:45	TJJ	EPA 6020A
Boron	8100	ug/L		10/30/25 07:25	50	100	11/07/25 10:46	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:34	TJJ	EPA 6020A
Calcium	100	mg/L		10/30/25 07:25	5	0.20	10/31/25 19:34	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		10/30/25 07:25	5	4.0	10/31/25 19:34	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		10/30/25 07:25	5	2.0	10/31/25 19:34	TJJ	EPA 6020A
Lead	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:34	TJJ	EPA 6020A
Magnesium	73	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:34	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		10/30/25 07:25	5	0.20	11/04/25 13:45	TJJ	EPA 6020A
Molybdenum	14	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:34	TJJ	EPA 6020A
Potassium	3.0	mg/L		10/30/25 07:25	5	0.10	11/04/25 13:45	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IJ05629-03
Name: 23
Matrix: Ground Water - Grab

Sampled: 10/29/25 12:49
Received: 10/29/25 16:11

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:34	TJJ	EPA 6020A
Sodium	47	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:34	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:34	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		10/30/25 07:25	1	0.020	10/31/25 12:30	TJJ	EPA 6010B

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ANALYTICAL RESULTS

Sample: IJ05629-05
Name: 49
Matrix: Ground Water - Grab

Sampled: 10/29/25 14:11
Received: 10/29/25 16:11

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	120	mg/L		11/06/25 19:03	25	25	11/06/25 19:03	JSM	EPA 300.0 REV 2.1
Sulfate	73	mg/L		11/06/25 19:03	25	25	11/06/25 19:03	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	21.89	Feet		10/29/25 14:11	1		10/29/25 14:11	FIELD	Field*
Dissolved oxygen, Field	0.010	mg/L		10/29/25 14:11	1		10/29/25 14:11	FIELD	Field*
Oxidation Reduction Potential	30.3	mV		10/29/25 14:11	1	-500	10/29/25 14:11	FIELD	Field*
pH, Field Measured	7.13	pH Units		10/29/25 14:11	1		10/29/25 14:11	FIELD	Field*
Specific Conductance, Field Measured	1135	umhos/cm		10/29/25 14:11	1		10/29/25 14:11	FIELD	Field*
Temperature, Field Measured	15.1	°C		10/29/25 14:11	1		10/29/25 14:11	FIELD	Field*
Turbidity, Field Measured	5.90	NTU		10/29/25 14:11	1	0.00	10/29/25 14:11	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	340	mg/L		11/07/25 09:19	1	4.0	11/07/25 09:19	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 4.0	mg/L		11/07/25 09:19	1	4.0	11/07/25 09:19	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/10/25 14:46	1	0.250	11/10/25 14:46	CRD	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	560	mg/L		10/31/25 10:40	1	26	10/31/25 14:04	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		10/30/25 07:25	5	3.0	10/31/25 19:42	TJJ	EPA 6020A
Arsenic	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:42	TJJ	EPA 6020A
Barium	56	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:42	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		10/30/25 07:25	5	1.0	11/04/25 13:52	TJJ	EPA 6020A
Boron	660	ug/L		10/30/25 07:25	5	10	11/07/25 09:50	TJJ	EPA 6020A
Cadmium	1.1	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:42	TJJ	EPA 6020A
Calcium	110	mg/L		10/30/25 07:25	5	0.20	10/31/25 19:42	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		10/30/25 07:25	5	4.0	10/31/25 19:42	TJJ	EPA 6020A
Cobalt	2.3	ug/L		10/30/25 07:25	5	2.0	10/31/25 19:42	TJJ	EPA 6020A
Lead	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:42	TJJ	EPA 6020A
Magnesium	36	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:42	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		10/30/25 07:25	5	0.20	11/04/25 13:52	TJJ	EPA 6020A
Molybdenum	19	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:42	TJJ	EPA 6020A
Potassium	11	mg/L		10/30/25 07:25	5	0.10	11/04/25 13:52	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IJ05629-05
Name: 49
Matrix: Ground Water - Grab

Sampled: 10/29/25 14:11
Received: 10/29/25 16:11

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:42	TJJ	EPA 6020A
Sodium	63	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:42	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:42	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		10/30/25 07:25	1	0.020	10/31/25 12:34	TJJ	EPA 6010B

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ANALYTICAL RESULTS

Sample: IJ05629-06
Name: 51
Matrix: Ground Water - Grab

Sampled: 10/29/25 11:35
Received: 10/29/25 16:11

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	120	mg/L		11/06/25 19:37	25	25	11/06/25 19:37	JSM	EPA 300.0 REV 2.1
Sulfate	84	mg/L		11/06/25 19:37	25	25	11/06/25 19:37	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	18.89	Feet		10/29/25 11:35	1		10/29/25 11:35	FIELD	Field*
Dissolved oxygen, Field	0.0	mg/L		10/29/25 11:35	1		10/29/25 11:35	FIELD	Field*
Oxidation Reduction Potential	-119	mV		10/29/25 11:35	1	-500	10/29/25 11:35	FIELD	Field*
pH, Field Measured	7.17	pH Units		10/29/25 11:35	1		10/29/25 11:35	FIELD	Field*
Specific Conductance, Field Measured	1164	umhos/cm		10/29/25 11:35	1		10/29/25 11:35	FIELD	Field*
Temperature, Field Measured	13.2	°C		10/29/25 11:35	1		10/29/25 11:35	FIELD	Field*
Turbidity, Field Measured	9.30	NTU		10/29/25 11:35	1	0.00	10/29/25 11:35	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	350	mg/L		11/07/25 09:19	1	10	11/07/25 09:19	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 10	mg/L		11/07/25 09:19	1	10	11/07/25 09:19	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/10/25 15:23	1	0.250	11/10/25 15:23	CRD	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	540	mg/L		10/31/25 10:40	1	26	10/31/25 14:04	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		10/30/25 07:25	5	3.0	10/31/25 19:45	TJJ	EPA 6020A
Arsenic	18	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:45	TJJ	EPA 6020A
Barium	99	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:45	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		10/30/25 07:25	5	1.0	11/04/25 14:09	TJJ	EPA 6020A
Boron	1200	ug/L		10/30/25 07:25	5	10	11/07/25 09:53	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:45	TJJ	EPA 6020A
Calcium	110	mg/L		10/30/25 07:25	5	0.20	10/31/25 19:45	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		10/30/25 07:25	5	4.0	10/31/25 19:45	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		10/30/25 07:25	5	2.0	10/31/25 19:45	TJJ	EPA 6020A
Lead	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:45	TJJ	EPA 6020A
Magnesium	38	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:45	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		10/30/25 07:25	5	0.20	11/04/25 14:09	TJJ	EPA 6020A
Molybdenum	7.2	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:45	TJJ	EPA 6020A
Potassium	6.9	mg/L		10/30/25 07:25	5	0.10	11/04/25 14:09	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IJ05629-06
Name: 51
Matrix: Ground Water - Grab

Sampled: 10/29/25 11:35
Received: 10/29/25 16:11

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:45	TJJ	EPA 6020A
Sodium	58	mg/L		10/30/25 07:25	5	0.10	10/31/25 19:45	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		10/30/25 07:25	5	1.0	10/31/25 19:45	TJJ	EPA 6020A
Lithium	0.020	mg/L		10/30/25 07:25	1	0.020	10/31/25 12:35	TJJ	EPA 6010B

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ANALYTICAL RESULTS

Sample: IK00258-05
Name: 22
Matrix: Ground Water - Grab

Sampled: 11/03/25 13:24
Received: 11/03/25 17:37

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	110	mg/L		11/10/25 15:53	25	25	11/10/25 15:53	JSM	EPA 300.0 REV 2.1
Sulfate	110	mg/L		11/10/25 15:53	25	25	11/10/25 15:53	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	18.83	Feet		11/03/25 13:24	1		11/03/25 13:24	FIELD	Field*
Dissolved oxygen, Field	0.0	mg/L		11/03/25 13:24	1		11/03/25 13:24	FIELD	Field*
Oxidation Reduction Potential	85.4	mV		11/03/25 13:24	1	-500	11/03/25 13:24	FIELD	Field*
pH, Field Measured	7.51	pH Units		11/03/25 13:24	1		11/03/25 13:24	FIELD	Field*
Specific Conductance, Field Measured	1038	umhos/cm		11/03/25 13:24	1		11/03/25 13:24	FIELD	Field*
Temperature, Field Measured	16.2	°C		11/03/25 13:24	1		11/03/25 13:24	FIELD	Field*
Turbidity, Field Measured	3.80	NTU		11/03/25 13:24	1	0.00	11/03/25 13:24	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	280	mg/L		11/10/25 09:21	1	4.0	11/10/25 09:21	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 4.0	mg/L		11/10/25 09:21	1	4.0	11/10/25 09:21	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/12/25 11:39	1	0.250	11/12/25 11:39	ECM	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	520	mg/L		11/04/25 10:14	1	26	11/05/25 11:25	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		11/05/25 08:04	5	3.0	11/07/25 17:09	TJJ	EPA 6020A
Arsenic	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:09	TJJ	EPA 6020A
Barium	54	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:09	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:09	TJJ	EPA 6020A
Boron	3000	ug/L		11/05/25 08:04	5	10	11/12/25 09:30	TJJ	EPA 6020A
Cadmium	3.9	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:09	TJJ	EPA 6020A
Calcium	90	mg/L		11/05/25 08:04	5	0.20	11/07/25 17:09	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		11/05/25 08:04	5	4.0	11/07/25 17:09	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		11/05/25 08:04	5	2.0	11/07/25 17:09	TJJ	EPA 6020A
Lead	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:09	TJJ	EPA 6020A
Magnesium	37	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:09	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		11/05/25 08:04	5	0.20	11/07/25 17:09	TJJ	EPA 6020A
Molybdenum	55	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:09	TJJ	EPA 6020A
Potassium	9.8	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:09	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IK00258-05
Name: 22
Matrix: Ground Water - Grab

Sampled: 11/03/25 13:24
Received: 11/03/25 17:37

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	10	ug/L		11/05/25 08:04	5	1.0	11/12/25 09:30	TJJ	EPA 6020A
Sodium	62	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:09	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:09	TJJ	EPA 6020A
Lithium	0.040	mg/L		11/05/25 08:04	1	0.020	11/17/25 12:26	LAM	EPA 6010B

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ANALYTICAL RESULTS

Sample: IK00258-06
Name: 22D
Matrix: Ground Water - Grab

Sampled: 11/03/25 12:10
Received: 11/03/25 17:37

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	120	mg/L		11/10/25 16:30	25	25	11/10/25 16:30	JSM	EPA 300.0 REV 2.1
Sulfate	91	mg/L		11/10/25 16:30	25	25	11/10/25 16:30	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	19.54	Feet		11/03/25 12:10	1		11/03/25 12:10	FIELD	Field*
Dissolved oxygen, Field	0.0	mg/L		11/03/25 12:10	1		11/03/25 12:10	FIELD	Field*
Oxidation Reduction Potential	42.3	mV		11/03/25 12:10	1	-500	11/03/25 12:10	FIELD	Field*
pH, Field Measured	6.77	pH Units		11/03/25 12:10	1		11/03/25 12:10	FIELD	Field*
Specific Conductance, Field Measured	1140	umhos/cm		11/03/25 12:10	1		11/03/25 12:10	FIELD	Field*
Temperature, Field Measured	15.8	°C		11/03/25 12:10	1		11/03/25 12:10	FIELD	Field*
Turbidity, Field Measured	5.30	NTU		11/03/25 12:10	1	0.00	11/03/25 12:10	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	350	mg/L		11/10/25 09:21	1	4.0	11/10/25 09:21	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 4.0	mg/L		11/10/25 09:21	1	4.0	11/10/25 09:21	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/12/25 11:41	1	0.250	11/12/25 11:41	ECM	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	540	mg/L		11/04/25 10:14	1	26	11/05/25 11:25	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		11/05/25 08:04	5	3.0	11/07/25 17:13	TJJ	EPA 6020A
Arsenic	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:13	TJJ	EPA 6020A
Barium	64	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:13	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:13	TJJ	EPA 6020A
Boron	1300	ug/L		11/05/25 08:04	5	10	11/12/25 10:02	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:13	TJJ	EPA 6020A
Calcium	110	mg/L		11/05/25 08:04	5	0.20	11/07/25 17:13	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		11/05/25 08:04	5	4.0	11/07/25 17:13	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		11/05/25 08:04	5	2.0	11/07/25 17:13	TJJ	EPA 6020A
Lead	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:13	TJJ	EPA 6020A
Magnesium	40	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:13	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		11/05/25 08:04	5	0.20	11/07/25 17:13	TJJ	EPA 6020A
Molybdenum	5.3	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:13	TJJ	EPA 6020A
Potassium	3.1	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:13	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IK00258-06
Name: 22D
Matrix: Ground Water - Grab

Sampled: 11/03/25 12:10
Received: 11/03/25 17:37

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/12/25 10:02	TJJ	EPA 6020A
Sodium	55	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:13	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:13	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		11/05/25 08:04	1	0.020	11/17/25 12:27	LAM	EPA 6010B

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ANALYTICAL RESULTS

Sample: IK00258-07
Name: 35
Matrix: Ground Water - Grab

Sampled: 11/03/25 11:17
Received: 11/03/25 17:37

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	25	mg/L		11/10/25 17:06	25	25	11/10/25 17:06	JSM	EPA 300.0 REV 2.1
Sulfate	920	mg/L		11/11/25 17:11	250	250	11/11/25 17:11	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	8.48	Feet		11/03/25 11:17	1		11/03/25 11:17	FIELD	Field*
Dissolved oxygen, Field	1.1	mg/L		11/03/25 11:17	1		11/03/25 11:17	FIELD	Field*
Oxidation Reduction Potential	50.0	mV		11/03/25 11:17	1	-500	11/03/25 11:17	FIELD	Field*
pH, Field Measured	6.79	pH Units		11/03/25 11:17	1		11/03/25 11:17	FIELD	Field*
Specific Conductance, Field Measured	1948	umhos/cm		11/03/25 11:17	1		11/03/25 11:17	FIELD	Field*
Temperature, Field Measured	16.8	°C		11/03/25 11:17	1		11/03/25 11:17	FIELD	Field*
Turbidity, Field Measured	27.1	NTU		11/03/25 11:17	1	0.00	11/03/25 11:17	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	280	mg/L		11/10/25 09:21	1	10	11/10/25 09:21	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 10	mg/L		11/10/25 09:21	1	10	11/10/25 09:21	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/12/25 11:49	1	0.250	11/12/25 11:49	ECM	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	1400	mg/L		11/04/25 10:14	1	26	11/05/25 11:25	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		11/05/25 08:04	5	3.0	11/07/25 17:17	TJJ	EPA 6020A
Arsenic	2.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:17	TJJ	EPA 6020A
Barium	71	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:17	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:17	TJJ	EPA 6020A
Boron	15000	ug/L		11/05/25 08:04	50	100	11/12/25 10:06	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:17	TJJ	EPA 6020A
Calcium	370	mg/L		11/05/25 08:04	5	0.20	11/07/25 17:17	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		11/05/25 08:04	5	4.0	11/07/25 17:17	TJJ	EPA 6020A
Cobalt	3.9	ug/L		11/05/25 08:04	5	2.0	11/07/25 17:17	TJJ	EPA 6020A
Lead	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:17	TJJ	EPA 6020A
Magnesium	44	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:17	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		11/05/25 08:04	5	0.20	11/07/25 17:17	TJJ	EPA 6020A
Molybdenum	78	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:17	TJJ	EPA 6020A
Potassium	13	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:17	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IK00258-07
Name: 35
Matrix: Ground Water - Grab

Sampled: 11/03/25 11:17
Received: 11/03/25 17:37

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/12/25 20:32	TJJ	EPA 6020A
Sodium	21	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:17	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:17	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		11/05/25 08:04	1	0.020	11/17/25 12:28	LAM	EPA 6010B

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ANALYTICAL RESULTS

Sample: IK00258-10
Name: 22D Dup
Matrix: Ground Water - Grab

Sampled: 11/03/25 12:10
Received: 11/03/25 17:37

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	120	mg/L		11/10/25 18:54	25	25	11/10/25 18:54	JSM	EPA 300.0 REV 2.1
Sulfate	91	mg/L		11/10/25 18:54	25	25	11/10/25 18:54	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	19.54	Feet		11/03/25 12:10	1		11/03/25 12:10	FIELD	Field*
Dissolved oxygen, Field	0.0	mg/L		11/03/25 12:10	1		11/03/25 12:10	FIELD	Field*
Oxidation Reduction Potential	42.3	mV		11/03/25 12:10	1	-500	11/03/25 12:10	FIELD	Field*
pH, Field Measured	6.77	pH Units		11/03/25 12:10	1		11/03/25 12:10	FIELD	Field*
Specific Conductance, Field Measured	1140	umhos/cm		11/03/25 12:10	1		11/03/25 12:10	FIELD	Field*
Temperature, Field Measured	15.8	°C		11/03/25 12:10	1		11/03/25 12:10	FIELD	Field*
Turbidity, Field Measured	5.30	NTU		11/03/25 12:10	1	0.00	11/03/25 12:10	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	350	mg/L		11/10/25 09:21	1	4.0	11/10/25 09:21	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 4.0	mg/L		11/10/25 09:21	1	4.0	11/10/25 09:21	ECM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		11/12/25 11:53	1	0.250	11/12/25 11:53	ECM	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	540	mg/L		11/04/25 10:14	1	26	11/05/25 11:25	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		11/05/25 08:04	5	3.0	11/07/25 17:24	TJJ	EPA 6020A
Arsenic	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:24	TJJ	EPA 6020A
Barium	64	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:24	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:24	TJJ	EPA 6020A
Boron	1400	ug/L		11/05/25 08:04	5	10	11/12/25 10:13	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:24	TJJ	EPA 6020A
Calcium	110	mg/L		11/05/25 08:04	5	0.20	11/07/25 17:24	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		11/05/25 08:04	5	4.0	11/07/25 17:24	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		11/05/25 08:04	5	2.0	11/07/25 17:24	TJJ	EPA 6020A
Lead	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:24	TJJ	EPA 6020A
Magnesium	41	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:24	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		11/05/25 08:04	5	0.20	11/07/25 17:24	TJJ	EPA 6020A
Molybdenum	5.2	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:24	TJJ	EPA 6020A
Potassium	3.1	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:24	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IK00258-10
Name: 22D Dup
Matrix: Ground Water - Grab

Sampled: 11/03/25 12:10
Received: 11/03/25 17:37

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/12/25 10:13	TJJ	EPA 6020A
Sodium	54	mg/L		11/05/25 08:04	5	0.10	11/07/25 17:24	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		11/05/25 08:04	5	1.0	11/07/25 17:24	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		11/05/25 08:04	1	0.020	11/17/25 12:30	LAM	EPA 6010B

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ANALYTICAL RESULTS

Sample: IK01117-03
Name: 50
Matrix: Ground Water - Grab

Sampled: 11/05/25 10:50
Received: 11/05/25 15:38

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	83	mg/L		11/13/25 19:36	25	25	11/13/25 19:36	JSM	EPA 300.0 REV 2.1
Fluoride	< 0.250	mg/L		11/13/25 19:19	1	0.250	11/13/25 19:19	JSM	EPA 300.0 REV 2.1
Sulfate	110	mg/L		11/13/25 19:36	25	25	11/13/25 19:36	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	18.57	Feet		11/05/25 10:50	1		11/05/25 10:50	FIELD	Field*
Dissolved oxygen, Field	0.0	mg/L		11/05/25 10:50	1		11/05/25 10:50	FIELD	Field*
Oxidation Reduction Potential	130	mV		11/05/25 10:50	1	-500	11/05/25 10:50	FIELD	Field*
pH, Field Measured	7.59	pH Units		11/05/25 10:50	1		11/05/25 10:50	FIELD	Field*
Specific Conductance, Field Measured	963.0	umhos/cm		11/05/25 10:50	1		11/05/25 10:50	FIELD	Field*
Temperature, Field Measured	16.2	°C		11/05/25 10:50	1		11/05/25 10:50	FIELD	Field*
Turbidity, Field Measured	1.90	NTU		11/05/25 10:50	1	0.00	11/05/25 10:50	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	220	mg/L		11/11/25 08:46	1	4.0	11/11/25 08:46	ECM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 4.0	mg/L		11/11/25 08:46	1	4.0	11/11/25 08:46	ECM	SM 2320 B-2011*
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	470	mg/L		11/07/25 10:03	1	26	11/07/25 12:14	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		11/10/25 08:57	5	3.0	11/17/25 14:45	TJJ	EPA 6020A
Arsenic	< 1.0	ug/L		11/10/25 08:57	5	1.0	11/17/25 14:45	TJJ	EPA 6020A
Barium	61	ug/L		11/10/25 08:57	5	1.0	11/17/25 14:45	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		11/10/25 08:57	5	1.0	11/17/25 14:45	TJJ	EPA 6020A
Boron	1800	ug/L		11/10/25 08:57	5	10	11/19/25 10:41	TJJ	EPA 6020A
Cadmium	1.3	ug/L		11/10/25 08:57	5	1.0	11/17/25 14:45	TJJ	EPA 6020A
Calcium	98	mg/L		11/10/25 08:57	5	0.20	11/17/25 14:45	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		11/10/25 08:57	5	4.0	11/17/25 14:45	TJJ	EPA 6020A
Cobalt	3.4	ug/L		11/10/25 08:57	5	2.0	11/17/25 14:45	TJJ	EPA 6020A
Lead	< 1.0	ug/L		11/10/25 08:57	5	1.0	11/17/25 14:45	TJJ	EPA 6020A
Magnesium	21	mg/L		11/10/25 08:57	5	0.10	11/19/25 10:41	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		11/10/25 08:57	5	0.20	11/17/25 14:45	TJJ	EPA 6020A
Molybdenum	42	ug/L		11/10/25 08:57	5	1.0	11/17/25 14:45	TJJ	EPA 6020A
Potassium	7.7	mg/L		11/10/25 08:57	5	0.10	11/17/25 14:45	TJJ	EPA 6020A

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ANALYTICAL RESULTS

Sample: IK01117-03
Name: 50
Matrix: Ground Water - Grab

Sampled: 11/05/25 10:50
Received: 11/05/25 15:38

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Selenium	< 1.0	ug/L		11/10/25 08:57	5	1.0	11/17/25 14:45	TJJ	EPA 6020A
Sodium	57	mg/L		11/10/25 08:57	5	0.10	11/17/25 14:45	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		11/10/25 08:57	5	1.0	11/17/25 14:45	TJJ	EPA 6020A
Lithium	0.030	mg/L		11/10/25 08:57	1	0.020	11/17/25 13:10	LAM	EPA 6010B

Sample: IK01117-10
Name: SG02
Matrix: Ground Water - Grab

Sampled: 10/27/25 15:08
Received: 11/05/25 15:38

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Field - PIA									
Depth, From Measuring Point	27.62	Feet		10/27/25 15:08	1		10/27/25 15:08	DAB	Field*

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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B546826 - SW 3015 - EPA 6010B									
Blank (B546826-BLK1)				Prepared: 10/30/25 Analyzed: 10/31/25					
Lithium	< 0.020	mg/L							
LCS (B546826-BS1)				Prepared: 10/30/25 Analyzed: 10/31/25					
Lithium	0.503	mg/L		0.5556		90	80-120		
Matrix Spike (B546826-MS1)	**Sample: IJ05629-01**			Prepared: 10/30/25 Analyzed: 10/31/25					
Lithium	0.536	mg/L		0.5556	0.00578	95	75-125		
Matrix Spike Dup (B546826-MSD1)	**Sample: IJ05629-01**			Prepared: 10/30/25 Analyzed: 10/31/25					
Lithium	0.546	mg/L		0.5556	0.00578	97	75-125	2	20
Batch B546826 - SW 3015 - EPA 6020A									
Blank (B546826-BLK1)				Prepared: 10/30/25 Analyzed: 10/31/25					
Antimony	< 3.0	ug/L							
Arsenic	< 1.0	ug/L							
Barium	< 1.0	ug/L							
Beryllium	< 1.0	ug/L							
Boron	< 10	ug/L							
Cadmium	< 1.0	ug/L							
Calcium	< 0.20	mg/L							
Chromium	< 4.0	ug/L							
Cobalt	< 2.0	ug/L							
Lead	< 1.0	ug/L							
Magnesium	< 0.10	mg/L							
Mercury	< 0.20	ug/L							
Molybdenum	< 1.0	ug/L							
Potassium	< 0.10	mg/L							
Selenium	< 1.0	ug/L							
Sodium	< 0.10	mg/L							
Thallium	< 1.0	ug/L							
LCS (B546826-BS1)				Prepared: 10/30/25 Analyzed: 10/31/25					
Antimony	535	ug/L		555.6		96	80-120		
Arsenic	511	ug/L		555.6		92	80-120		
Barium	528	ug/L		555.6		95	80-120		
Beryllium	608	ug/L		555.6		109	80-120		
Boron	538	ug/L		555.6		97	80-120		
Cadmium	525	ug/L		555.6		95	80-120		
Calcium	5.73	mg/L		5.556		103	80-120		
Chromium	545	ug/L		555.6		98	80-120		
Cobalt	513	ug/L		555.6		92	80-120		
Lead	508	ug/L		555.6		91	80-120		
Magnesium	5.73	mg/L		5.556		103	80-120		
Mercury	54.9	ug/L		55.56		99	80-120		
Molybdenum	529	ug/L		555.6		95	80-120		
Potassium	5.85	mg/L		5.556		105	80-120		
Selenium	512	ug/L		555.6		92	80-120		
Sodium	5.71	mg/L		5.556		103	80-120		

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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (B546826-BS1)				Prepared: 10/30/25 Analyzed: 10/31/25					
Thallium	504	ug/L		555.6		91	80-120		
Matrix Spike (B546826-MS1)	**Sample: IJ05629-01**			Prepared: 10/30/25 Analyzed: 10/31/25					
Antimony	549	ug/L		555.6	ND	99	75-125		
Arsenic	514	ug/L		555.6	ND	92	75-125		
Barium	630	ug/L		555.6	73.6	100	75-125		
Beryllium	613	ug/L		555.6	ND	110	75-125		
Cadmium	520	ug/L		555.6	ND	94	75-125		
Calcium	112	mg/L		5.556	107	81	75-125		
Chromium	548	ug/L		555.6	ND	99	75-125		
Cobalt	515	ug/L		555.6	1.68	92	75-125		
Lead	518	ug/L		555.6	ND	93	75-125		
Magnesium	44.2	mg/L		5.556	39.4	87	75-125		
Mercury	57.8	ug/L		55.56	ND	104	75-125		
Molybdenum	519	ug/L		555.6	1.07	93	75-125		
Potassium	7.63	mg/L		5.556	3.23	79	75-125		
Selenium	510	ug/L		555.6	0.772	92	75-125		
Sodium	31.9	mg/L		5.556	27.0	89	75-125		
Thallium	509	ug/L		555.6	ND	92	75-125		
Matrix Spike Dup (B546826-MSD1)	**Sample: IJ05629-01**			Prepared: 10/30/25 Analyzed: 10/31/25					
Antimony	556	ug/L		555.6	ND	100	75-125	1	20
Arsenic	522	ug/L		555.6	ND	94	75-125	2	20
Barium	637	ug/L		555.6	73.6	101	75-125	1	20
Beryllium	605	ug/L		555.6	ND	109	75-125	1	20
Cadmium	536	ug/L		555.6	ND	97	75-125	3	20
Calcium	113	mg/L		5.556	107	100	75-125	0.9	20
Chromium	557	ug/L		555.6	ND	100	75-125	2	20
Cobalt	517	ug/L		555.6	1.68	93	75-125	0.4	20
Lead	527	ug/L		555.6	ND	95	75-125	2	20
Magnesium	45.3	mg/L		5.556	39.4	107	75-125	3	20
Mercury	58.1	ug/L		55.56	ND	105	75-125	0.6	20
Molybdenum	545	ug/L		555.6	1.07	98	75-125	5	20
Potassium	7.53	mg/L		5.556	3.23	77	75-125	1	20
Selenium	521	ug/L		555.6	0.772	94	75-125	2	20
Sodium	32.5	mg/L		5.556	27.0	99	75-125	2	20
Thallium	516	ug/L		555.6	ND	93	75-125	1	20
Batch B546846 - No Prep - SM 2540 C-2011									
Blank (B546846-BLK1)				Prepared & Analyzed: 10/30/25					
Solids - total dissolved solids (TDS)	< 17	mg/L							
LCS (B546846-BS1)				Prepared & Analyzed: 10/30/25					
Solids - total dissolved solids (TDS)	940	mg/L		1000		94	84.5-105		
Duplicate (B546846-DUP1)	**Sample: IJ05413-01**			Prepared & Analyzed: 10/30/25					
Solids - total dissolved solids (TDS)	430	mg/L			445			3	5
Duplicate (B546846-DUP2)	**Sample: IJ05413-02**			Prepared & Analyzed: 10/30/25					
Solids - total dissolved solids (TDS)	450	mg/L			435			3	5
Batch B546987 - No Prep - SM 2540 C-2011									

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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (B546987-BLK1)				Prepared & Analyzed: 10/31/25					
Solids - total dissolved solids (TDS)	< 17	mg/L							
LCS (B546987-BS1)				Prepared & Analyzed: 10/31/25					
Solids - total dissolved solids (TDS)	923	mg/L		1000		92	84.5-105		
Duplicate (B546987-DUP1)	**Sample: IJ05629-01**			Prepared & Analyzed: 10/31/25					
Solids - total dissolved solids (TDS)	470	mg/L			480			2	5
Duplicate (B546987-DUP2)	**Sample: IJ05629-02**			Prepared & Analyzed: 10/31/25					
Solids - total dissolved solids (TDS)	415	mg/L	M		455			9	5
Batch B547224 - No Prep - SM 2540 C-2011									
Blank (B547224-BLK1)				Prepared: 11/04/25 Analyzed: 11/05/25					
Solids - total dissolved solids (TDS)	< 17	mg/L							
LCS (B547224-BS1)				Prepared: 11/04/25 Analyzed: 11/05/25					
Solids - total dissolved solids (TDS)	930	mg/L		1000		93	84.5-105		
Duplicate (B547224-DUP2)	**Sample: IK00258-01**			Prepared: 11/04/25 Analyzed: 11/05/25					
Solids - total dissolved solids (TDS)	425	mg/L			435			2	5
Batch B547244 - IC No Prep - EPA 300.0 REV 2.1									
Blank (B547244-BLK1)				Prepared & Analyzed: 11/03/25					
Sulfate	< 1.0	mg/L							
Chloride	< 1.0	mg/L							
Calibration Blank (B547244-CCB1)				Prepared & Analyzed: 11/03/25					
Sulfate	0.00	mg/L							
Chloride	0.00	mg/L							
Calibration Check (B547244-CCV1)				Prepared & Analyzed: 11/03/25					
Chloride	4.76	mg/L		5.000		95	90-110		
Sulfate	5.12	mg/L		5.000		102	90-110		
Batch B547330 - SW 3015 - EPA 6010B									
Blank (B547330-BLK1)				Prepared: 11/05/25 Analyzed: 11/17/25					
Lithium	< 0.020	mg/L							
LCS (B547330-BS1)				Prepared: 11/05/25 Analyzed: 11/17/25					
Lithium	0.530	mg/L		0.5556		95	80-120		
Matrix Spike (B547330-MS1)	**Sample: IK00258-01**			Prepared: 11/05/25 Analyzed: 11/17/25					
Lithium	0.553	mg/L		0.5556	0.0155	97	75-125		
Matrix Spike Dup (B547330-MSD1)	**Sample: IK00258-01**			Prepared: 11/05/25 Analyzed: 11/17/25					
Lithium	0.557	mg/L		0.5556	0.0155	98	75-125	0.8	20
Batch B547330 - SW 3015 - EPA 6020A									
Blank (B547330-BLK1)				Prepared: 11/05/25 Analyzed: 11/07/25					
Antimony	< 3.0	ug/L							
Arsenic	< 1.0	ug/L							
Barium	< 1.0	ug/L							
Beryllium	< 1.0	ug/L							
Boron	< 10	ug/L							
Cadmium	< 1.0	ug/L							
Calcium	< 0.20	mg/L							
Chromium	< 4.0	ug/L							

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Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (B547330-BLK1)				Prepared: 11/05/25 Analyzed: 11/07/25					
Cobalt	< 2.0	ug/L							
Lead	< 1.0	ug/L							
Magnesium	< 0.10	mg/L							
Mercury	< 0.20	ug/L							
Molybdenum	< 1.0	ug/L							
Potassium	< 0.10	mg/L							
Selenium	< 1.0	ug/L							
Sodium	< 0.10	mg/L							
Thallium	< 1.0	ug/L							
LCS (B547330-BS1)				Prepared: 11/05/25 Analyzed: 11/07/25					
Antimony	533	ug/L		555.6		96	80-120		
Arsenic	520	ug/L		555.6		94	80-120		
Barium	544	ug/L		555.6		98	80-120		
Beryllium	525	ug/L		555.6		95	80-120		
Boron	556	ug/L		555.6		100	80-120		
Cadmium	521	ug/L		555.6		94	80-120		
Calcium	5.66	mg/L		5.556		102	80-120		
Chromium	563	ug/L		555.6		101	80-120		
Cobalt	546	ug/L		555.6		98	80-120		
Lead	570	ug/L		555.6		103	80-120		
Magnesium	6.17	mg/L		5.556		111	80-120		
Mercury	52.8	ug/L		55.56		95	80-120		
Molybdenum	514	ug/L		555.6		93	80-120		
Potassium	5.75	mg/L		5.556		104	80-120		
Selenium	551	ug/L		555.6		99	80-120		
Sodium	5.97	mg/L		5.556		107	80-120		
Thallium	562	ug/L		555.6		101	80-120		
Matrix Spike (B547330-MS1)	**Sample: IK00258-01**			Prepared: 11/05/25 Analyzed: 11/07/25					
Antimony	538	ug/L		555.6	ND	97	75-125		
Arsenic	530	ug/L		555.6	ND	95	75-125		
Barium	598	ug/L		555.6	52.3	98	75-125		
Beryllium	536	ug/L		555.6	ND	96	75-125		
Boron	1070	ug/L		555.6	506	101	75-125		
Cadmium	520	ug/L		555.6	ND	94	75-125		
Calcium	88.1	mg/L		5.556	83.8	78	75-125		
Chromium	560	ug/L		555.6	ND	101	75-125		
Cobalt	536	ug/L		555.6	ND	96	75-125		
Lead	564	ug/L		555.6	ND	102	75-125		
Magnesium	33.1	mg/L		5.556	27.7	97	75-125		
Mercury	54.9	ug/L		55.56	0.156	99	75-125		
Molybdenum	584	ug/L		555.6	56.8	95	75-125		
Potassium	12.9	mg/L		5.556	7.47	98	75-125		
Selenium	558	ug/L		555.6	3.98	100	75-125		
Sodium	58.9	mg/L	Q4	5.556	54.8	73	75-125		
Thallium	555	ug/L		555.6	ND	100	75-125		
Matrix Spike Dup (B547330-MSD1)	**Sample: IK00258-01**			Prepared: 11/05/25 Analyzed: 11/07/25					
Antimony	538	ug/L		555.6	ND	97	75-125	0.05	20

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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B547330-MSD1)	**Sample: IK00258-01**			Prepared: 11/05/25 Analyzed: 11/07/25					
Arsenic	536	ug/L		555.6	ND	97	75-125	1	20
Barium	605	ug/L		555.6	52.3	99	75-125	1	20
Beryllium	543	ug/L		555.6	ND	98	75-125	1	20
Boron	1070	ug/L		555.6	506	101	75-125	0.1	20
Cadmium	530	ug/L		555.6	ND	95	75-125	2	20
Calcium	88.3	mg/L		5.556	83.8	81	75-125	0.2	20
Chromium	564	ug/L		555.6	ND	101	75-125	0.7	20
Cobalt	545	ug/L		555.6	ND	98	75-125	2	20
Lead	569	ug/L		555.6	ND	102	75-125	0.9	20
Magnesium	33.2	mg/L		5.556	27.7	100	75-125	0.4	20
Mercury	54.8	ug/L		55.56	0.156	98	75-125	0.1	20
Molybdenum	596	ug/L		555.6	56.8	97	75-125	2	20
Potassium	13.0	mg/L		5.556	7.47	100	75-125	0.8	20
Selenium	563	ug/L		555.6	3.98	101	75-125	1	20
Sodium	59.2	mg/L		5.556	54.8	80	75-125	0.6	20
Thallium	561	ug/L		555.6	ND	101	75-125	1	20
Batch B547393 - IC No Prep - EPA 300.0 REV 2.1									
Blank (B547393-BLK1)				Prepared & Analyzed: 11/04/25					
Chloride	< 1.0	mg/L							
Sulfate	< 1.0	mg/L							
Calibration Blank (B547393-CCB1)				Prepared & Analyzed: 11/04/25					
Chloride	0.00	mg/L							
Sulfate	0.00	mg/L							
Calibration Check (B547393-CCV1)				Prepared & Analyzed: 11/04/25					
Sulfate	4.99	mg/L		5.000		100	90-110		
Chloride	4.90	mg/L		5.000		98	90-110		
Batch B547438 - No Prep - SM 2320 B-2011									
Blank (B547438-BLK1)				Prepared & Analyzed: 11/05/25					
Alkalinity - bicarbonate as CaCO3	2.50	mg/L							
Batch B547574 - No Prep - SM 4500-F C-2011									
Calibration Blank (B547574-CCB1)				Prepared & Analyzed: 11/06/25					
Fluoride	0.0110	mg/L							
Calibration Check (B547574-CCV1)				Prepared & Analyzed: 11/06/25					
Fluoride	0.687	mg/L					90-110		
Matrix Spike (B547574-MS2)	**Sample: IJ05413-08**			Prepared & Analyzed: 11/06/25					
Fluoride	1.12	mg/L		1.000	ND	112	80-120		
Matrix Spike Dup (B547574-MSD2)	**Sample: IJ05413-08**			Prepared & Analyzed: 11/06/25					
Fluoride	1.12	mg/L		1.000	ND	112	80-120	0	20
Batch B547615 - No Prep - SM 2540 C-2011									
Blank (B547615-BLK1)				Prepared & Analyzed: 11/07/25					
Solids - total dissolved solids (TDS)	< 17	mg/L							
LCS (B547615-BS1)				Prepared & Analyzed: 11/07/25					
Solids - total dissolved solids (TDS)	900	mg/L		1000		90	84.5-105		

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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (B547615-DUP2)	**Sample: IK01117-07**			Prepared & Analyzed: 11/07/25					
Solids - total dissolved solids (TDS)	420	mg/L			415			1	5
Batch B547680 - IC No Prep - EPA 300.0 REV 2.1									
Blank (B547680-BLK1)				Prepared & Analyzed: 11/06/25					
Sulfate	< 1.0	mg/L							
Chloride	< 1.0	mg/L							
Calibration Blank (B547680-CCB1)				Prepared & Analyzed: 11/06/25					
Sulfate	0.00	mg/L							
Chloride	0.00	mg/L							
Calibration Check (B547680-CCV1)				Prepared & Analyzed: 11/06/25					
Chloride	4.69	mg/L		5.000		94	90-110		
Sulfate	4.90	mg/L		5.000		98	90-110		
Matrix Spike (B547680-MS2)	**Sample: IJ05629-03**			Prepared & Analyzed: 11/06/25					
Chloride	1.0E9	mg/L	Q4	1.500	65	NR	80-120		
Matrix Spike Dup (B547680-MSD2)	**Sample: IJ05629-03**			Prepared & Analyzed: 11/06/25					
Chloride	1.0E9	mg/L	Q4	1.500	65	NR	80-120	0	20
Batch B547700 - No Prep - SM 2320 B-2011									
Blank (B547700-BLK1)				Prepared & Analyzed: 11/07/25					
Alkalinity - bicarbonate as CaCO3	2.50	mg/L							
Alkalinity - carbonate as CaCO3	< 2.0	mg/L							
Blank (B547700-BLK2)				Prepared & Analyzed: 11/07/25					
Alkalinity - bicarbonate as CaCO3	2.50	mg/L							
Alkalinity - carbonate as CaCO3	< 2.0	mg/L							
Blank (B547700-BLK3)				Prepared & Analyzed: 11/07/25					
Alkalinity - bicarbonate as CaCO3	2.50	mg/L							
Alkalinity - carbonate as CaCO3	< 2.0	mg/L							
Batch B547752 - SW 3015 - EPA 6010B									
Blank (B547752-BLK1)				Prepared: 11/10/25 Analyzed: 11/17/25					
Lithium	< 0.020	mg/L							
LCS (B547752-BS1)				Prepared: 11/10/25 Analyzed: 11/17/25					
Lithium	0.531	mg/L		0.5556		95	80-120		
Batch B547752 - SW 3015 - EPA 6020A									
Blank (B547752-BLK1)				Prepared: 11/10/25 Analyzed: 11/17/25					
Antimony	< 3.0	ug/L							
Arsenic	< 1.0	ug/L							
Barium	< 1.0	ug/L							
Beryllium	< 1.0	ug/L							
Boron	< 10	ug/L							
Cadmium	< 1.0	ug/L							
Calcium	< 0.20	mg/L							
Chromium	< 4.0	ug/L							
Cobalt	< 2.0	ug/L							
Lead	< 1.0	ug/L							
Magnesium	< 0.10	mg/L							

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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (B547752-BLK1)				Prepared: 11/10/25 Analyzed: 11/17/25					
Mercury	< 0.20	ug/L							
Molybdenum	< 1.0	ug/L							
Potassium	< 0.10	mg/L							
Selenium	< 1.0	ug/L							
Sodium	< 0.050	mg/L							
Thallium	< 1.0	ug/L							
LCS (B547752-BS1)				Prepared: 11/10/25 Analyzed: 11/17/25					
Antimony	512	ug/L		555.6		92	80-120		
Arsenic	531	ug/L		555.6		96	80-120		
Barium	517	ug/L		555.6		93	80-120		
Beryllium	554	ug/L		555.6		100	80-120		
Boron	529	ug/L		555.6		95	80-120		
Cadmium	531	ug/L		555.6		96	80-120		
Calcium	5.82	mg/L		5.556		105	80-120		
Chromium	549	ug/L		555.6		99	80-120		
Cobalt	543	ug/L		555.6		98	80-120		
Lead	525	ug/L		555.6		94	80-120		
Magnesium	6.18	mg/L		5.556		111	80-120		
Mercury	53.4	ug/L		55.56		96	80-120		
Molybdenum	496	ug/L		555.6		89	80-120		
Potassium	5.78	mg/L		5.556		104	80-120		
Selenium	526	ug/L		555.6		95	80-120		
Sodium	6.03	mg/L		5.556		108	80-120		
Thallium	518	ug/L		555.6		93	80-120		
Batch B547763 - IC No Prep - EPA 300.0 REV 2.1									
Blank (B547763-BLK1)				Prepared & Analyzed: 11/07/25					
Sulfate	< 1.0	mg/L							
Calibration Blank (B547763-CCB1)				Prepared & Analyzed: 11/07/25					
Sulfate	0.00	mg/L							
Calibration Check (B547763-CCV1)				Prepared & Analyzed: 11/07/25					
Sulfate	5.33	mg/L		5.000		107	90-110		
Batch B547830 - No Prep - SM 2320 B-2011									
Duplicate (B547830-DUP1)	**Sample: IK00258-01**			Prepared & Analyzed: 11/10/25					
Alkalinity - carbonate as CaCO3	< 10	mg/L			ND				10
Alkalinity - bicarbonate as CaCO3	250	mg/L			250			0	10
Batch B547833 - No Prep - SM 4500-F C-2011									
Calibration Blank (B547833-CCB1)				Prepared & Analyzed: 11/10/25					
Fluoride	0.0100	mg/L							
Calibration Blank (B547833-CCB2)				Prepared & Analyzed: 11/10/25					
Fluoride	0.0190	mg/L							
Calibration Check (B547833-CCV1)				Prepared & Analyzed: 11/10/25					
Fluoride	0.667	mg/L		0.7000		95	90-110		
Calibration Check (B547833-CCV2)				Prepared & Analyzed: 11/10/25					
Fluoride	0.668	mg/L		0.7000		95	90-110		

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Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B547913 - IC No Prep - EPA 300.0 REV 2.1									
Blank (B547913-BLK1)				Prepared & Analyzed: 11/10/25					
Sulfate	< 1.0	mg/L							
Chloride	< 1.0	mg/L							
Calibration Blank (B547913-CCB1)				Prepared & Analyzed: 11/10/25					
Chloride	0.00	mg/L							
Sulfate	0.00	mg/L							
Calibration Check (B547913-CCV1)				Prepared & Analyzed: 11/10/25					
Sulfate	5.04	mg/L		5.000		101	90-110		
Chloride	5.05	mg/L		5.000		101	90-110		
Batch B547957 - No Prep - SM 2320 B-2011									
Blank (B547957-BLK1)				Prepared & Analyzed: 11/11/25					
Alkalinity - bicarbonate as CaCO3	2.50	mg/L							
Alkalinity - carbonate as CaCO3	< 2.0	mg/L							
Blank (B547957-BLK2)				Prepared & Analyzed: 11/11/25					
Alkalinity - bicarbonate as CaCO3	2.50	mg/L							
Alkalinity - carbonate as CaCO3	< 2.0	mg/L							
Blank (B547957-BLK3)				Prepared & Analyzed: 11/11/25					
Alkalinity - bicarbonate as CaCO3	2.50	mg/L							
Alkalinity - carbonate as CaCO3	< 2.0	mg/L							
Duplicate (B547957-DUP3)	**Sample: IK01117-07**			Prepared & Analyzed: 11/11/25					
Alkalinity - bicarbonate as CaCO3	288	mg/L			288			0	10
Alkalinity - carbonate as CaCO3	< 10	mg/L			ND				10
Batch B548020 - IC No Prep - EPA 300.0 REV 2.1									
Blank (B548020-BLK1)				Prepared & Analyzed: 11/11/25					
Sulfate	< 1.0	mg/L							
Calibration Blank (B548020-CCB1)				Prepared & Analyzed: 11/11/25					
Sulfate	0.00	mg/L							
Calibration Check (B548020-CCV1)				Prepared & Analyzed: 11/11/25					
Sulfate	5.17	mg/L		5.000		103	90-110		
Batch B548058 - No Prep - SM 4500-F C-2011									
Calibration Blank (B548058-CCB1)				Prepared & Analyzed: 11/12/25					
Fluoride	0.00600	mg/L							
Calibration Check (B548058-CCV1)				Prepared & Analyzed: 11/12/25					
Fluoride	0.701	mg/L					90-110		
Matrix Spike (B548058-MS1)	**Sample: IK00258-01**			Prepared & Analyzed: 11/12/25					
Fluoride	1.28	mg/L		1.000	0.270	101	80-120		
Matrix Spike (B548058-MS2)	**Sample: IK00258-10**			Prepared & Analyzed: 11/12/25					
Fluoride	1.12	mg/L		1.000	ND	112	80-120		
Matrix Spike Dup (B548058-MSD1)	**Sample: IK00258-01**			Prepared & Analyzed: 11/12/25					
Fluoride	1.31	mg/L		1.000	0.270	104	80-120	3	20
Matrix Spike Dup (B548058-MSD2)	**Sample: IK00258-10**			Prepared & Analyzed: 11/12/25					
Fluoride	1.10	mg/L		1.000	ND	110	80-120	1	20

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QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B548269 - IC No Prep - EPA 300.0 REV 2.1									
Blank (B548269-BLK1)				Prepared & Analyzed: 11/13/25					
Sulfate	< 1.0	mg/L							
Chloride	< 1.0	mg/L							
Fluoride	< 0.250	mg/L							
Calibration Blank (B548269-CCB1)				Prepared & Analyzed: 11/13/25					
Fluoride	0.00	mg/L							
Sulfate	0.00	mg/L							
Chloride	0.00	mg/L							
Calibration Check (B548269-CCV1)				Prepared & Analyzed: 11/13/25					
Fluoride	5.08	mg/L		5.000		102	90-110		
Sulfate	4.92	mg/L		5.000		98	90-110		
Chloride	4.63	mg/L		5.000		93	90-110		
Matrix Spike (B548269-MS2)	**Sample: IK01117-07**			Prepared & Analyzed: 11/13/25					
Chloride	1.0E9	mg/L	Q4	1.500	77	NR	80-120		
Sulfate	1.00E9	mg/L	Q4	1.500	62.9	NR	80-120		
Fluoride	1.70	mg/L		1.500	0.191	100	80-120		
Matrix Spike Dup (B548269-MSD2)	**Sample: IK01117-07**			Prepared & Analyzed: 11/13/25					
Fluoride	1.68	mg/L		1.500	0.191	99	80-120	0.8	20
Sulfate	1.00E9	mg/L	Q4	1.500	62.9	NR	80-120	0	20
Chloride	1.0E9	mg/L	Q4	1.500	77	NR	80-120	0	20

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050
TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615
TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)
Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)
Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807
USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042
TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389
TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050
Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Qualifiers

M	Analyte failed to meet the required acceptance criteria for duplicate analysis.
Q4	The matrix spike recovery result is unusable since the analyte concentration in the sample is greater than four times the spike level. The associated blank spike was acceptable.

Certified by: Diane Billings, Project Manager

IJ05413

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02																						X			
2	03R																X				X		X			
3	05DR	GW	G	10/28/25	14:20		6	X	X	X										X						
4	05R	GW	G	10/28/25	13:06		6	X	X	X										X						
5	07																X	X			X	X		X		
6	08																X	X		X	X	X		X		
7	08D																X	X		X	X	X		X		
8	10																			X				X		
9	12																	X		X		X				
10	13																	X		X		X				
11	18D																X				X			X		
12	18S																X				X			X		
13	21R	GW	G	10/28/25	14:28		7	X	X	X										X			X		X	
14	22																			X			X		X	
15	22D																			X			X		X	
16	23																			X			X		X	

IR Gun # 17 Correction Factor (Deg C) -0.2

Observed Temp (Deg C) 1.8 Corrected Temp (Deg C) 1.6

Delivery Method: FedEx UPS Walk-In Courier Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Andy Weteska	10/28/25	16:15				
				Cannda Bennett	10/29/25	731	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Weteska

SIGNATURE of SAMPLER: Andy Weteska DATE Signed (MM/DD/YY): 10/28/25

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

IJ05413

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 2

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Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N: Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27	GW	G	10/28/25	12:47		7	X	X	X									X				X		X				
2	32	GW	G	10/28/25	11:25		7	X	X	X									X				X		X				
3	34	GW	G	10/28/25	13:48		7	X	X	X									X				X		X				
4	35																		X				X		X				
5	40S	GW	G	10/28/25	11:40		6	X	X	X										X									
6	45S																X				X			X					
7	46																	X				X							
8	47																	X				X							
9	49			IR Gun # 17	Correction Factor (Deg C) -0.2														X					X		X				
10	50																		X					X		X				
11	51			Observed Temp (Deg C) 1.8	Corrected Temp (Deg C) 1.6														X					X		X				
12	52																	X				X							
13	54			Delivery Method: FedEx UPS Walk-in USPS Other														X				X								
14	SG02																X	X	X	X	X	X	X	X	X				
15	XSG01																	X				X							
16	Field Blank																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Andy Wiesska	10/28/25	16:15				
				Camden Bennett	10/29/25	731	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Andy Wiesska	DATE Signed (MM/DD/YY):	10/28/25	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:	Andy Wiesska						

IJ05413

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 2

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27 - Field dup	GW	G	10/28/25	12:47		7	X	X	X																	
2	Equipment Blank #1	DI	G	10/28/25	14:35		3	X	X	X																	Filtered @ 21R
3																											
4																											
5																											
6																											
7																											
8	IR Gun # 17															Correction Factor (Deg C) -0.2											
9																											
10	Observed Temp (Deg C) 1.8															Corrected Temp (Deg C) 1.6											
11																											
12	Delivery Method: FedEx UPS Walk-in USPS Other																										
13																											
14																											
15																											
16																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
HEN-25Q4 Rev 0	Andy Wateska	10/28/25	16:15							
				Camden Bennett	10/29/25	731				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Wateska

SIGNATURE of SAMPLER: Andy Wateska DATE Signed (MM/DD/YY): 10/28/25

ENV-FRM-PEOR-0098 v05_Sample Condition Upon Receipt

Client Name: Vistra Work Order #: IJ05413 Completed by / Date: cfb 10/29/25

Custody seal on cooler/box present and seal intact:	☐Yes ☐No ☑N/A	
Chain of Custody (CoC) Present:	☑Yes ☐No	
CoC is Legible:	☑Yes ☐No	
Sampler Name Present on COC:	☑Yes ☐No	
Sampler Signature Present on CoC:	☑Yes ☐No	
Sample Collection Date Present on CoC:	☑Yes ☐No	
Sample Collection Time Present on CoC:	☑Yes ☐No	
CoC Relinquished by Client:	☑Yes ☐No	
Unique Sample ID's Present on CoC:	☑Yes ☐No	
CoC and Sample Container Labels Match:	☑Yes ☐No	
Sample chilling process started prior to receipt: If yes, what type of ice:	☑Yes ☐No ☐N/A ☑Wet ☐Blue	
Samples received within temperature compliance: (≤ 6°C,but above freezing or received same day collected and chill process started prior to receipt)	☑Yes ☐No ☐N/A	
Container(s) Received Intact:	☑Yes ☐No	
Containers Received Labeled and Labels are Legible:	☑Yes ☐No	
Appropriate Bottles Received for Analysis Requested:	☑Yes ☐No	
Sufficient Sample Volume Received:	☑Yes ☐No	
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	☐Yes ☐No ☑N/A	
Trip Blank(s) Received: If present, are they Listed on CoC:	☐Yes ☐No ☑N/A ☐Yes ☐No	
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials *If headspace is present, note sample ID and # of vials	☐Yes ☐No ☑N/A	
All (Non-Field) Analysis Received Within Hold Times:	☑Yes ☐No	
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐Yes ☑No	
Short Hold Time Analysis (48 Hours or Less):	☑Yes ☐No	

Client Notification/ Resolution: If checked, please see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

WORK ORDER #: KJ05413 INITIALS: Crb

Plastic Bottles	-1	-2	-3 total	-4 total	-5 total	-6 total	-7	-8 total	-9	-10
P, U, 1000ml - Total + Dis	2	2	1	1	1	1	2	1	2	
P, U, 250ml									1	
P, U, 500ml - Total										
P, U, 500ml - Diss			1	1	1	1		1		
P, 250ml/500ml H_2SO_4 - Total	1	1					1		1	
P, 250ml/500ml H_2SO_4 - Diss										
P, 250ml/500ml NaOH	1	1	1	1	1	1	1	1	1	
P, 250ml/500ml HNO_3 - Total			1	1	1	1	X	1	1	
P, 250ml/500ml HNO_3 - Diss	1	1					1		1	
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC										
P, 2.5L HNO_3										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml $Na_2S_2O_3$										
P, 16oz - Soil/Sludge										
Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml $MeCl_2$										
A, G, 500ml H_2SO_4										
A, G, U, 500ml										
A, G, U, 250ml H_2SO_4	1	1	1	1	1	1	1	1	1	
A, G, U, 250ml										
A, V, 40ml H_2SO_4										
A, V, U, 60ml										
Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl									3	3
C, V, U, 40ml										
C, V, 40ml $Na_2S_2O_3$										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										
Client Supplied										
Description										

1505629

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 2

Section A Required Client Information:

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

Section B Required Project Information:

Report To: Brian Voelker
Copy To: Jason.Stuckey@vistracorp.com; Michael.Olle@vistracorp.com; Robert.Johnson@vistracorp.com
Purchase Order No.:
Project Name:
Project Number:

Section C Invoice Information:

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

REGULATORY AGENCY

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

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N: Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02	WT	G	29-Oct-25	1413		8	X		X	X	X												X						
2	03R																X				X			X						
3	05DR																			X									
4	05R																			X									
5	07																X	X			X	X		X						
6	08																X	X		X	X	X		X						
7	08D																X	X		X	X	X		X						
8	10																			X				X						
9	12	WT	G	29-Oct-25	1123		9	X	X	X		X						X		X		X								
10	13																	X		X		X								
11	18D																X				X			X						
12	18S																X				X			X						
13	21R																		X				X		X					
14	22																		X				X		X					
15	22D																		X				X		X					
16	23	WT	G	29-Oct-25	1243		7	X	X	X		X							X				X		X					

Lot # 17 Correction Factor (Deg C) -.2
Observed Temp (Deg C) 3.6 Corrected Temp (Deg C) 3.4
Delivery Method: FedEx UPS Walk-in USPS Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Austin M	29-Oct-25	1611				
					10/29/25	1611	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Austin Moore
SIGNATURE of SAMPLER: Austin M
DATE Signed (MM/DD/YY): 10/29/25

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

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Quote Reference:	
Project Manager:	
Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

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WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27																		X				X		X				
2	32																		X				X		X				
3	34																		X				X		X				
4	35																		X				X		X				
5	40S																			X									
6	45S																X				X			X					
7	46	WT	G	29-Oct-25	1317		5	X		X								X				X							
8	47																	X				X							
9	49	WT	G	29-Oct-25	1411		7	X	X	X		X							X					X	X				
10	50																		X					X	X				
11	51	WT	G	29-Oct-25	1135		7	X	X	X		X							X					X	X				
12	52																	X				X							
13	54																	X				X							
14	SG02																X	X	X	X	X	X	X	X	X				
15	XSG01																	X				X							
16	Field Blank																												

IR Gun # 17 Correction Factor (Deg C) +.2

Preserved Temp (Deg C) 3.6 Corrected Temp (Deg C) 3.4

Delivery Method: FedEx UPS Walk-in USPS Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Austin M	29Oct-25	1611				
					10/29/25	1611	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: Austin M

DATE Signed (MM/DD/YY): 10/29/25

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

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

Section B Required Project Information:

Report To: Brian Voelker
Copy To: Jason.Stuckey@vistracorp.com; Michael.Olle@vistracorp.com; Robert.Johnson@vistracorp.com
Purchase Order No.:
Project Name:
Project Number:

Section C Invoice Information:

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

REGULATORY AGENCY

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

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West			Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Trip Blank ~~#5~~ #1 10/29/25 DO	WT	G	29-Oct-25	1500		3				X																		
2																														
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														
13																														
14																														
15																														
16																														

IR Gun #: 17 Correction Factor (Deg C): -.2
Observed Temp (Deg C): 36 Corrected Temp (Deg C): 3.4
Delivery Method: Fedex UPS Walk-In USPS Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Austin Moore	29-Oct-25	1611				
					102925	1611	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Austin Moore
SIGNATURE of SAMPLER: Austin Moore
DATE Signed (MM/DD/YY): 10/29/25

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

ENV-FRM-PEOR-0098 v05_Sample Condition Upon Receipt

Client Name: Vista Work Order #: 1J05629 Completed by / Date: JD 102925

Custody seal on cooler/box present and seal intact:	☐Yes ☐No ☑N/A	
Chain of Custody (CoC) Present:	☑Yes ☐No	
CoC is Legible:	☑Yes ☐No	
Sampler Name Present on COC:	☑Yes ☐No	
Sampler Signature Present on CoC:	☑Yes ☐No	
Sample Collection Date Present on CoC:	☑Yes ☐No	
Sample Collection Time Present on CoC:	☑Yes ☐No	
CoC Relinquished by Client:	☑Yes ☐No	
Unique Sample ID's Present on CoC:	☑Yes ☐No	
CoC and Sample Container Labels Match:	☑Yes ☐No	
Sample chilling process started prior to receipt: If yes, what type of ice:	☑Yes ☐No ☐N/A ☑Wet ☐Blue	
Samples received within temperature compliance: (≤ 6°C,but above freezing or received same day collected and chill process started prior to receipt)	☑Yes ☐No ☐N/A	
Container(s) Received Intact:	☑Yes ☐No	
Containers Received Labeled and Labels are Legible:	☑Yes ☐No	
Appropriate Bottles Received for Analysis Requested:	☑Yes ☐No	
Sufficient Sample Volume Received:	☑Yes ☐No	
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	☐Yes ☐No ☑N/A	
Trip Blank(s) Received: If present, are they Listed on CoC:	☑Yes ☐No ☑N/A ☑Yes ☐No	
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials *If headspace is present, note sample ID and # of vials	☑Yes ☐No ☑N/A	
All (Non-Field) Analysis Received Within Hold Times:	☑Yes ☐No	
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐Yes ☑No	
Short Hold Time Analysis (48 Hours or Less):	☑Yes ☐No	

Client Notification/ Resolution: If checked, please see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

WORK ORDER #: 1505629 INITIALS: NS

	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
Plastic Bottles										
P, U, 1000ml - Total		2	2	1	1					
P, U, 250ml	1									
P, U, 500ml - Total	1									
P, U, 500ml - Diss	1		1	1	1					
P, 250ml/500ml H_2SO_4 - Total		1								
P, 250ml/500ml H_2SO_4 - Diss										
P, 250ml/500ml NaOH	1	1	1	1	1					
P, 250ml/500ml HNO_3 - Total	1	1	1	1	1					
P, 250ml/500ml HNO_3 - Diss		1								
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC										
P, 2.5L HNO_3										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml $Na_2S_2O_3$										
P, 16oz - Soil/Sludge										
Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml $MeCl_2$										
A, G, 500ml H_2SO_4										
A, G, U, 500ml										
A, G, U, 250ml H_2SO_4		1	1	1	1					
A, G, U, 250ml										
A, V, 40ml H_2SO_4										
A, V, U, 60ml										
Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP						Trip				
C, V, 40ml HCl	3					3				
C, V, U, 40ml										
C, V, 40ml $Na_2S_2O_3$										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										
Client Supplied										
Description										
P 1000 HNO3 QAD		2	2	2	2					

1K00258 / 1K00259

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes: MATRIX / CODE DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02																							X						
2	03R		WT	G	3-Nov-25	1433		10	X		X	X	X					X				X			X						
3	05DR																				X									
4	05R																				X									
5	07																	X	X			X	X		X						
6	08		WT	G	3-Nov-25	1710		13	X	X	X	X	X					X	X		X	X	X		X						
7	08D																	X	X		X	X	X		X						
8	10																				X				X						
9	12																		X		X		X								
10	13		WT	G	3-Nov-25	1304		9	X	X	X		X						X		X		X								
11	18D		WT	G	3-Nov-25	1605		10	X		X	X	X					X				X			X						
12	18S																	X				X			X						
13	21R																			X				X		X					
14	22		WT	G	3-Nov-25	1324		7	X	X	X		X							X				X		X					
15	22D		WT	G	3-Nov-25	1210		7	X	X	X		X							X				X		X					
16	23																			X				X		X					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	[signature]	3-Nov-25	1737	Sophia Lofferts SAP	11.3.25	17:37	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/03/25

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

IR Gun # 18 Correction Factor (Deg C) -0.1

Observed Temp (Deg C) 1.7 Corrected Temp (Deg C) 1.6

Bottle Ice Bag Blue Dry None Other

IK00258/
IK00259

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27																		X				X		X				
2	32																		X				X		X				
3	34																		X				X		X				
4	35	WT	G	3-Nov-25	1117		6	X	X	X		X							X				X		X				
5	40S																			X									
6	~~45S~~ ~~22D DUPLICATE~~																X				X			X					
7	46																	X				X							
8	47																	X				X							
9	49																		X				X		X				
10	50																		X				X		X				
11	51																		X				X		X				
12	52																	X				X							
13	54																	X				X							
14	SG02																X	X	X	X	X	X	X	X	X				
15	XSG01																	X				X							
16	Field Blank																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Austin M	3-Nov-25	1737	Sophia Letterle	11-3-25	17:37	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: Austin M

DATE Signed (MM/DD/YY): 11/03/25

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

IK00258/
IK00259

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

ITEM #	SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West			Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	FB#2	WT	G	3-Nov-25	14:36		13	X	X	X	X	X																		
2	Trip Blank #2 11/4/25 dnb	WT	G	3-Nov-25	16:26		3			X	X	X																		
3																														
4	22D DUP 11/4/25 dnb			3-NOV-25	12:10		7	X	X			X																		
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														
13																														
14																														
15																														
16																														

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0		3-Nov-25	17:37				
					11-3-25	17:37	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 11/03/25

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

ENV-FRM-PSOR-0098 v05_Sample Condition Upon Receipt

Client Name: _____ Work Order #: IK00258 | 259 Completed by / Date: _____

Custody seal on cooler/box present and seal intact:	☐Yes ☐No ☐N/A	
Chain of Custody (CoC) Present:	☐Yes ☐No	
CoC is Legible:	☐Yes ☐No	
Sampler Name Present on COC:	☐Yes ☐No	
Sampler Signature Present on CoC:	☐Yes ☐No	
Sample Collection Date Present on CoC:	☐Yes ☐No	
Sample Collection Time Present on CoC:	☐Yes ☐No	
CoC Relinquished by Client:	☐Yes ☐No	
Unique Sample ID's Present on CoC:	☐Yes ☐No	
CoC and Sample Container Labels Match:	☐Yes ☐No	
Sample chilling process started prior to receipt: If yes, what type of ice:	☐Yes ☐No ☐N/A ☐Wet ☐Blue	
Samples received within temperature compliance: (≤ 6°C,but above freezing or received same day collected and chill process started prior to receipt)	☐Yes ☐No ☐N/A	
Container(s) Received Intact:	☐Yes ☐No	
Containers Received Labeled and Labels are Legible:	☐Yes ☐No	
Appropriate Bottles Received for Analysis Requested:	☐Yes ☐No	
Sufficient Sample Volume Received:	☐Yes ☐No	
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	☐Yes ☐No ☐N/A	
Trip Blank(s) Received: If present, are they Listed on CoC:	☐Yes ☐No ☐N/A ☐Yes ☐No	
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials *If headspace is present, note sample ID and # of vials	☐Yes ☐No ☐N/A	
All (Non-Field) Analysis Received Within Hold Times:	☐Yes ☐No	
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐Yes ☐No	
Short Hold Time Analysis (48 Hours or Less):	☐Yes ☐No	

Client Notification/ Resolution: If checked, please see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

DC# 845 Sample Condition Upon Receipt Form
Effective Date:

WORK ORDER #: LK00258 / 259 INITIALS:

EB#2 #08 #18D #35 #2nD #03R #13 FRB

Plastic Bottles	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
P, U, 1000ml - Total +D	2	2	1	1	1	1	2			
P, U, 250ml	1	1	1			1				
P, U, 500ml - Total			1							
P, U, 500ml - Diss			1	1	1	1				
P, 250ml/500ml H_2SO_4 - Total	1	1					1			
P, 250ml/500ml H_2SO_4 - Diss										
P, 250ml/500ml NaOH	1	1	1	1	1	1	1			
P, 250ml/500ml HNO_3 - Total	1	1	1	1	1	1	1			
P, 250ml/500ml HNO_3 - Diss	1	1					1			
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC										
P, 2.5L HNO_3										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml $Na_2S_2O_3$										
P, 16oz - Soil/Sludge										
Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml $MeCl_2$										
A, G, 500ml H_2SO_4										
A, G, U, 500ml										
A, G, U, 250ml H_2SO_4	1	1		1	1		1			
A, G, U, 250ml										
A, V, 40ml H_2SO_4										
A, V, U, 60ml										
Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl	3	3	3			3		3		
C, V, U, 40ml										
C, V, 40ml $Na_2S_2O_3$										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										

Client Supplied

Description										
P, 1000ml Rad HNO3 (2)										
fraction										

IK01117

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																						
1	02																							X					
2	03R																X				X			X					
3	05DR																			X									
4	05R																			X									
5	07	GW	G	11/05/25	12:20		10	X		X	X						X	X			X	X		X					
6	08																X	X		X	X	X		X					
7	08D	GW	G	11/05/25	13:51			X		X		X					X	X		X	X	X		X					
8	10																			X				X					
9	12																	X		X		X							
10	13																	X		X		X							
11	18D																X				X			X					
12	18S																X				X			X					
13	21R																		X				X		X				
14	22																		X				X		X				
15	22D																		X				X		X				
16	23																		X				X		X				

IR Gun # 17 Correction Factor (Deg C) -0.2

Observed Temp (Deg C) 7.8 Corrected Temp (Deg C) 7.6

Delivery Method: FedEx UPS Walk-in USPS Other

IR Gun # 17 Correction Factor (Deg C) -.2

Observed Temp (Deg C) 1.7 Corrected Temp (Deg C) 1.5

Delivery Method: FedEx UPS Walk-in USPS Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0		11/05/25	15:38		11/5/25	15:38	

SAMPLER NAME AND SIGNATURE				
PRINT Name of SAMPLER:	Andy Interessa	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:					
DATE Signed (MM/DD/YY):	11/05/25				

1K01117

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27																			X				X		X				
2	32																			X				X		X				
3	34																			X				X		X				
4	35																			X				X		X				
5	40S																				X									
6	45S																	X				X			X					
7	46																		X				X							
8	47																		X				X							
9	49																			X				X		X				
10	50	GW	G	11/05/25	10:50		7	X	X	X		X								X				X		X				
11	51																			X				X		X				
12	52	GW	G	11/05/25	12:13		5	X		X									X				X							
13	54	GW	G	11/05/25	11:18		5	X		X									X				X							
14	SG02																	X	X	X	X	X	X	X	X	X				
15	XSG01																		X				X							
16	Field Blank	DI	G	11/05/25	14:06		13	X	X	X	X	X																			

Run # 17 Correction Factor (Deg C) -.2

Observed Temp (Deg C) 1.7 Corrected Temp (Deg C) 1.5

Delivery Method: FedEx UPS Walk-in USPS Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Andy Weteska	11/05/25	15:38				
				Sophia Ruffolo	11/5/25	15:38	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Weteska

SIGNATURE of SAMPLER: Andy Weteska

DATE Signed (MM/DD/YY): 11/5/25

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

IK01117

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

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	GW	G	11/05/25	11:18		5	X		X																			54-DUP
2	DI	G	11/05/25	14:06		3				X																		Trip Blank #3
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												

IR Gun # 12 Correction Factor (Deg C) -.2

Observed Temp (Deg C) 1.7 Corrected Temp (Deg C) 1.5

Delivery Method: FedEx UPS Fedex Ground USPS Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Andy Webster	11/05/25	15:38	Stephen Ruffin	11/5/25	15:38	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Andy Webster					
SIGNATURE of SAMPLER:	Andy Webster	DATE Signed (MM/DD/YY): 11/05/25				

ENV-FRM-PEOR-0098 v05_Sample Condition Upon Receipt

Client Name: Vistra Work Order #: 1K01117 Completed by / Date: ND 11625

Custody seal on cooler/box present and seal intact:	☐Yes ☐No ☑N/A	
Chain of Custody (CoC) Present:	☑Yes ☐No	
CoC is Legible:	☑Yes ☐No	
Sampler Name Present on COC:	☑Yes ☐No	
Sampler Signature Present on CoC:	☑Yes ☐No	
Sample Collection Date Present on CoC:	☑Yes ☐No	
Sample Collection Time Present on CoC:	☑Yes ☐No	
CoC Relinquished by Client:	☑Yes ☐No	
Unique Sample ID's Present on CoC:	☑Yes ☐No	
CoC and Sample Container Labels Match:	☑Yes ☐No	
Sample chilling process started prior to receipt: If yes, what type of ice:	☑Yes ☐No ☐N/A ☑Wet ☐Blue	
Samples received within temperature compliance: (≤ 6°C,but above freezing or received same day collected and chill process started prior to receipt)	☑Yes ☐No ☐N/A	
Container(s) Received Intact:	☑Yes ☐No	
Containers Received Labeled and Labels are Legible:	☑Yes ☐No	
Appropriate Bottles Received for Analysis Requested:	☑Yes ☐No	
Sufficient Sample Volume Received:	☑Yes ☐No	
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	☐Yes ☐No ☑N/A	
Trip Blank(s) Received: If present, are they Listed on CoC:	☑Yes ☐No ☐N/A ☐Yes ☐No	
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials *If headspace is present, note sample ID and # of vials	☑Yes ☐No ☐N/A	
All (Non-Field) Analysis Received Within Hold Times:	☑Yes ☐No	
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐Yes ☑No	
Short Hold Time Analysis (48 Hours or Less):	☐Yes ☑No	

Client Notification/ Resolution: If checked, please see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

DC# 845-QUARTERLY-REPORT-4 Sample Receipt Form
Effective Date: 1

WORK ORDER #: 1K0117 INITIALS: NS

	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
Plastic Bottles										
P, U, 1000ml - Total	1	2	1		1	2	1			
P, U, 250ml	1	1				1				
P, U, 500ml - Total	1		1	1	1		1			
P, U, 500ml - Diss										
P, 250ml/500ml H_2SO_4 - Total		1				1				
P, 250ml/500ml H_2SO_4 - Diss										
P, 250ml/500ml NaOH	1	1	1			1				
P, 250ml/500ml HNO_3 - Total		1	1	1	1	1	1			
P, 250ml/500ml HNO_3 - Diss		1				1				
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC										
P, 2.5L HNO_3										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml $Na_2S_2O_3$										
P, 16oz - Soil/Sludge										
Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml $MeCl_2$										
A, G, 500ml H_2SO_4										
A, G, U, 500ml										
A, G, U, 250ml H_2SO_4		1	1			1				
A, G, U, 250ml										
A, V, 40ml H_2SO_4										
A, V, U, 60ml										
Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl	3	3				3		3		
C, V, U, 40ml										
C, V, 40ml $Na_2S_2O_3$										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										
Client Supplied										
Description										

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

December 03, 2025

Brian Voelker
Vistra - Hennepin
13498 E 800th Street
Hennepin, IL 61327

Dear Brian Voelker:

Please find enclosed the analytical results for the sample(s) the laboratory received. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

Sincerely,

Diane Billings
Project Manager

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

ANALYTICAL RESULTS

Sample: IJ05421-01 **Sampled:** 10/28/25 12:47
Name: 27 **Received:** 10/29/25 07:31
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	6.49	pCi/L			1	2.7	11/18/25 16:58	PACE	904.0 903.0

Sample: IJ05421-02 **Sampled:** 10/28/25 11:25
Name: 32 **Received:** 10/29/25 07:31
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	2.64	pCi/L			1	2.51	11/18/25 16:58	PACE	904.0 903.0

Sample: IJ05421-03 **Sampled:** 10/28/25 13:48
Name: 34 **Received:** 10/29/25 07:31
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	2.42	pCi/L			1	1.44	11/18/25 16:58	PACE	904.0 903.0

Sample: IJ05421-04 **Sampled:** 10/28/25 14:28
Name: 21R **Received:** 10/29/25 07:31
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	1.26 J	pCi/L			1	1.97	11/18/25 16:58	PACE	904.0 903.0

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

ANALYTICAL RESULTS

Sample: IJ05421-05 **Sampled:** 10/28/25 12:47
Name: 27 Dup **Received:** 10/29/25 07:31
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	1.39	pCi/L			1	1.37	11/18/25 16:58	PACE	904.0 903.0

Sample: IJ05421-06 **Sampled:** 10/28/25 14:35
Name: EB #1 **Received:** 10/29/25 07:31
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.282 U	pCi/L			1	1.22	11/18/25 16:58	PACE	904.0 903.0

Sample: IJ05643-01 **Sampled:** 10/29/25 11:23
Name: 12 **Received:** 10/29/25 16:11
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.259 U	pCi/L			1	2.59	11/18/25 16:58	PACE	904.0 903.0

Sample: IJ05643-02 **Sampled:** 10/29/25 12:49
Name: 23 **Received:** 10/29/25 16:11
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.510 U	pCi/L			1	1.32	11/18/25 16:58	PACE	904.0 903.0

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ANALYTICAL RESULTS

Sample: IJ05643-03 **Sampled:** 10/29/25 13:17
Name: 46 **Received:** 10/29/25 16:11
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.886 J	pCi/L			1	1.43	11/18/25 16:58	PACE	904.0 903.0

Sample: IJ05643-04 **Sampled:** 10/29/25 14:11
Name: 49 **Received:** 10/29/25 16:11
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.0482 U	pCi/L			1	2.3	11/18/25 16:58	PACE	904.0 903.0

Sample: IJ05643-05 **Sampled:** 10/29/25 11:35
Name: 51 **Received:** 10/29/25 16:11
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	1.00 J	pCi/L			1	1.15	11/18/25 16:58	PACE	904.0 903.0

Sample: IK00259-01 **Sampled:** 11/03/25 14:33
Name: 03R **Received:** 11/03/25 17:37
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.473 J	pCi/L			1	1.03	11/17/25 22:29	PACE	904.0 903.0

Pace Analytical Services, LLC
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Peoria, IL 61615
(800)752-6651

ANALYTICAL RESULTS

Sample: IK00259-02 **Sampled:** 11/03/25 14:10
Name: 08 **Received:** 11/03/25 17:37
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.871	pCi/L			1	0.739	11/17/25 22:29	PACE	904.0 903.0

Sample: IK00259-03 **Sampled:** 11/03/25 13:04
Name: 13 **Received:** 11/03/25 17:37
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.954	pCi/L			1	0.767	11/17/25 22:29	PACE	904.0 903.0

Sample: IK00259-04 **Sampled:** 11/03/25 16:05
Name: 18D **Received:** 11/03/25 17:37
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	1.13	pCi/L			1	0.751	11/17/25 22:29	PACE	904.0 903.0

Sample: IK00259-05 **Sampled:** 11/03/25 13:24
Name: 22 **Received:** 11/03/25 17:37
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	1.32	pCi/L			1	1.24	11/17/25 22:29	PACE	904.0 903.0

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

ANALYTICAL RESULTS

Sample: IK00259-06 **Sampled:** 11/03/25 12:10
Name: 22D **Received:** 11/03/25 17:37
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	1.59	pCi/L			1	0.756	11/17/25 22:29	PACE	904.0 903.0

Sample: IK00259-07 **Sampled:** 11/03/25 11:17
Name: 35 **Received:** 11/03/25 17:37
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.960 J	pCi/L			1	0.992	11/17/25 22:29	PACE	904.0 903.0

Sample: IK00259-08 **Sampled:** 11/03/25 14:36
Name: EB #2 **Received:** 11/03/25 17:37
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.957 J	pCi/L			1	1.36	11/17/25 22:29	PACE	904.0 903.0

Sample: IK00259-09 **Sampled:** 11/03/25 12:10
Name: 22D Dup **Received:** 11/03/25 17:37
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	1.85	pCi/L			1	1.02	11/17/25 22:29	PACE	904.0 903.0

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

ANALYTICAL RESULTS

Sample: IK01122-01 **Sampled:** 11/05/25 12:20
Name: 07 **Received:** 11/05/25 15:38
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.747 J	pCi/L			1	0.846	11/19/25 09:10	PACE	904.0 903.0

Sample: IK01122-02 **Sampled:** 11/05/25 13:51
Name: 08D **Received:** 11/05/25 15:38
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.146 U	pCi/L			1	1.15	11/19/25 09:10	PACE	904.0 903.0

Sample: IK01122-03 **Sampled:** 11/05/25 10:50
Name: 50 **Received:** 11/05/25 15:38
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.632 J	pCi/L			1	0.692	11/19/25 09:10	PACE	904.0 903.0

Sample: IK01122-04 **Sampled:** 11/05/25 12:13
Name: 52 **Received:** 11/05/25 15:38
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.441 J	pCi/L			1	0.832	11/19/25 09:10	PACE	904.0 903.0

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

ANALYTICAL RESULTS

Sample: IK01122-05 **Sampled:** 11/05/25 11:18
Name: 54 **Received:** 11/05/25 15:38
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.630 J	pCi/L			1	0.772	11/19/25 09:10	PACE	904.0 903.0

Sample: IK01122-06 **Sampled:** 11/05/25 14:06
Name: Field Blank **Received:** 11/05/25 15:38
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.106 U	pCi/L			1	0.926	11/19/25 09:10	PACE	904.0 903.0

Sample: IK01122-07 **Sampled:** 11/05/25 11:18
Name: 54 Dup **Received:** 11/05/25 15:38
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.248 U	pCi/L			1	0.747	11/19/25 09:10	PACE	904.0 903.0

Sample: IK01448-01 **Sampled:** 11/04/25 11:09
Name: 18S **Received:** 11/04/25 16:57
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.485 J	pCi/L			1	0.871	11/19/25 09:10	PACE	904.0 903.0

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

ANALYTICAL RESULTS

Sample: IK01448-02 **Sampled:** 11/04/25 15:02
Name: 45S **Received:** 11/04/25 16:57
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	1.02	pCi/L			1	0.882	11/19/25 09:10	PACE	904.0 903.0

Sample: IK01448-03 **Sampled:** 11/04/25 12:31
Name: 47 **Received:** 11/04/25 16:57
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.829 J	pCi/L			1	0.862	11/19/25 17:17	PACE	904.0 903.0

Sample: IK01448-04 **Sampled:** 11/04/25 15:02
Name: 45S Dup **Received:** 11/04/25 16:57
Matrix: Ground Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Miscellaneous - Pace Analytical - Mt Juliet, Tn									
Rad 226 and 228-Subcontract	0.309 J	pCi/L			1	0.78	11/19/25 17:17	PACE	904.0 903.0

Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

NOTES

Specifications regarding method revisions and method modifications used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050
TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615
TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)
Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)
Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807
USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042
TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389
TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050
Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Certified by: Diane Billings, Project Manager

ANALYTICAL REPORT

November 19, 2025

Pace IR - Peoria, IL

Sample Delivery Group:	L1912911
Samples Received:	10/30/2025
Project Number:	IJ05421
Description:	

Report To: Diane Billings
2231 W. Altorfer Drive
Peoria, IL 61615

Entire Report Reviewed By:

Ashley N Pullium
Project Manager

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SAMPLE SUMMARY

IJ05421-01 L1912911-01

Collected by | Collected date/time 10/28/25 12:47 | Received date/time 10/30/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2632993	1	11/04/25 08:30	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2632993	1	11/04/25 08:30	11/06/25 10:41	ZRG	Mt. Juliet, TN

IJ05421-02 L1912911-02

Collected by | Collected date/time 10/28/25 11:25 | Received date/time 10/30/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2632993	1	11/04/25 08:30	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2632993	1	11/04/25 08:30	11/06/25 10:41	ZRG	Mt. Juliet, TN

IJ05421-03 L1912911-03

Collected by | Collected date/time 10/28/25 13:48 | Received date/time 10/30/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2632993	1	11/04/25 08:30	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2632993	1	11/04/25 08:30	11/06/25 10:41	ZRG	Mt. Juliet, TN

IJ05421-04 L1912911-04

Collected by | Collected date/time 10/28/25 14:28 | Received date/time 10/30/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2633361	1	11/04/25 13:05	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2633361	1	11/04/25 13:05	11/06/25 09:35	ZRG	Mt. Juliet, TN

IJ05421-05 L1912911-05

Collected by | Collected date/time 10/28/25 12:47 | Received date/time 10/30/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2633361	1	11/04/25 13:05	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2633361	1	11/04/25 13:05	11/06/25 09:35	ZRG	Mt. Juliet, TN

IJ05421-06 L1912911-06

Collected by | Collected date/time 10/28/25 14:35 | Received date/time 10/30/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2633361	1	11/04/25 13:05	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2633361	1	11/04/25 13:05	11/06/25 09:35	ZRG	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Ashley N Pullium
Project Manager

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	3.48		1.70	1.78	2.69	0.837	11/18/2025 16:58	WG2637667
(T) Barium	*63.1*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*101*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	6.49		1.85	2.70	11/18/2025 16:58	WG2632993

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	3.02		0.737	1.03	0.215	0.0376	11/06/2025 10:41	WG2632993
(T) Barium-133	*84.1*					*30.0-110*	*11/06/2025 10:41*	WG2632993

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	2.14	J	1.52	1.58	2.49	0.777	11/18/2025 16:58	WG2637667
(T) Barium	*68.9*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*98.7*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	2.64		1.55	2.51	11/18/2025 16:58	WG2632993

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.496		0.311	0.404	0.276	0.0716	11/06/2025 10:41	WG2632993
(T) Barium-133	*86.9*					*30.0-110*	*11/06/2025 10:41*	WG2632993

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.890	J	0.854	0.897	1.42	0.443	11/18/2025 16:58	WG2637667
(T) Barium	*68.9*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*107*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	2.42		1.00	1.44	11/18/2025 16:58	WG2632993

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	1.53		0.525	0.679	0.215	0.0376	11/06/2025 10:41	WG2632993
(T) Barium-133	*81.4*					*30.0-110*	*11/06/2025 10:41*	WG2632993

IJ05421-04 SAMPLE RESULTS - 04

Collected date/time: 10/28/25 14:28 L1912911

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.692	U	1.13	1.17	1.94	0.597	11/18/2025 16:58	WG2637667
(T) Barium	*69.8*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*96.1*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	1.26	J	1.18	1.97	11/18/2025 16:58	WG2633361

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.573		0.333	0.425	0.316	0.0978	11/06/2025 09:35	WG2633361
(T) Barium-133	*86.9*					*30.0-110*	*11/06/2025 09:35*	WG2633361

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.646	J	0.800	0.837	1.35	0.417	11/18/2025 16:58	WG2637667
(T) Barium	*65.1*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*96.5*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	1.39		0.880	1.37	11/18/2025 16:58	WG2633361

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.746		0.367	0.497	0.237	0.0513	11/06/2025 09:35	WG2633361
(T) Barium-133	*81.2*					*30.0-110*	*11/06/2025 09:35*	WG2633361

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.282	U	0.688	0.711	1.19	0.366	11/18/2025 16:58	WG2637667
(T) Barium	*66.5*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*96.9*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.282	U	0.697	1.22	11/18/2025 16:58	WG2633361

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	-0.0150	U	0.114	0.132	0.272	0.0800	11/06/2025 09:35	WG2633361
(T) Barium-133	*86.6*					*30.0-110*	*11/06/2025 09:35*	WG2633361

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

WG2637667

Radiochemistry by Method 904/9320

QUALITY CONTROL SUMMARY

L1912911-01,02,03,04,05,06

Method Blank (MB)

(MB) R4302851-1 11/18/25 16:58

Analyte	MB Result	MB Qualifier	MB 2 sigma CE	MB MDA	MB Lc
	pCi/l		+ / -	pCi/l	pCi/l
Radium-228	-0.312	U	0.396	0.730	0.226
(T) Barium	*73.7*		*73.7*		
(T) Yttrium	*86.5*		*86.5*		

L1911160-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1911160-04 11/18/25 16:58 • (DUP) R4302851-5 11/18/25 16:58

Analyte	Original Result	Original 2 sigma CE	Original MDA	Original Lc	DUP Result	DUP 2 sigma CE	DUP MDA	DUP Lc	DUP RPD	DUP RER	DUP Qualifier	DUP RPD Limits	DUP RER Limit
	pCi/l	+ / -	pCi/l	pCi/l	pCi/l	+ / -	pCi/l	pCi/l	%			%	
Radium-228	1.25	0.691	1.09	0.337	0.627	0.887	1.50	0.470	66.2	0.552	J	20	3
(T) Barium	*75.1*				*73.0*	*73.0*							
(T) Yttrium	*94.6*				*107*	*107*							

Laboratory Control Sample (LCS)

(LCS) R4302851-2 11/18/25 16:58

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	pCi/l	pCi/l	%	%	
Radium-228	5.00	5.01	100	80.0-120	
(T) Barium			*60.9*		
(T) Yttrium			*94.9*		

L1911073-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1911073-07 11/18/25 16:58 • (MS) R4302851-3 11/18/25 16:58 • (MSD) R4302851-4 11/18/25 16:58

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	MS RER	RPD Limits
	pCi/l	pCi/l	pCi/l	pCi/l	%	%		%			%		%
Radium-228	16.7	0.0612	18.2	19.1	109	114	1	70.0-130			4.51		20
(T) Barium		*70.1*			*66.4*	*62.3*							
(T) Yttrium		*104*			*91.3*	*91.4*							

QUALITY CONTROL SUMMARY

WG2632993

Radiochemistry by Method SM7500Ra-B,M

L1912911-01,02,03

Method Blank (MB)

(MB) R4299156-1 11/06/25 10:41

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	-0.00896	U	0.0397	0.0793	0.0308
(T) Barium-133	*72.8*		*72.8*		

L1912911-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1912911-02 11/06/25 10:41 • (DUP) R4299156-4 11/06/25 10:41

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.496	0.311	0.276	0.0716	0.680	0.449	0.506	0.183	31.2	0.336		20	3
(T) Barium-133	*86.9*				*89.2*	*89.2*							

Laboratory Control Sample (LCS)

(LCS) R4299156-5 11/10/25 11:03

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.94	119	80.0-120	
(T) Barium-133			*88.1*		

L1911117-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1911117-03 11/10/25 19:19 • (MS) R4299156-2 11/06/25 10:41 • (MSD) R4299156-6 11/10/25 19:19

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	50.0	1.56	48.2	45.5	93.3	87.9	1	75.0-125			5.76		20
(T) Barium-133		*57.1*			*64.4*	*76.9*							

Method Blank (MB)

(MB) R4298668-1 11/06/25 09:34

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	0.000	U	0.0250	0.0498	0.0182
(T) Barium-133	*82.3*		*82.3*		

Laboratory Control Sample (LCS)

(LCS) R4298668-2 11/06/25 09:34

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.20	104	80.0-120	
(T) Barium-133			*83.8*		

L1911117-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1911117-13 11/06/25 09:34 • (MS) R4298668-3 11/06/25 09:34 • (MSD) R4298668-5 11/06/25 09:34

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	50.0	2.11	42.8	43.5	81.4	82.8	1	75.0-125			1.67		20
(T) Barium-133		*30.7*			*50.0*	*51.0*							

L1911117-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1911117-15 11/06/25 09:34 • (MS) R4298668-4 11/06/25 09:34 • (MSD) R4298668-6 11/06/25 09:34

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	50.0	0.586	43.8	39.4	86.3	77.7	1	75.0-125			10.4		20
(T) Barium-133		*32.4*			*32.3*	*59.3*							

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IJ05421

E147

L1912911

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

Sample: IJ05421-01
Name: 27

Sampled: 10/28/25 00:00
Matrix: Ground Water
Preservative: HNO3, pH <2

01

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/10/25 16:00	04/26/26 00:00	

Sample: IJ05421-02
Name: 32

Sampled: 10/28/25 00:00
Matrix: Ground Water
Preservative: HNO3, pH <2

02

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/10/25 16:00	04/26/26 00:00	

Sample: IJ05421-03
Name: 34

Sampled: 10/28/25 00:00
Matrix: Ground Water
Preservative: HNO3, pH <2

03

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/10/25 16:00	04/26/26 00:00	

Sample: IJ05421-04
Name: 21R

Sampled: 10/28/25 00:00
Matrix: Ground Water
Preservative: HNO3, pH <2

04

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/10/25 16:00	04/26/26 00:00	

Sample: IJ05421-05
Name: 27 Dup

Sampled: 10/28/25 00:00
Matrix: Ground Water
Preservative: HNO3, pH <2

05

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/10/25 16:00	04/26/26 00:00	

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IJ05421

U197211

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

Sample: IJ05421-06
Name: EB #1

Sampled: 10/28/25 00:00
Matrix: Ground Water
Preservative: HNO3, pH <2

04

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/10/25 16:00	04/26/26 00:00	

8855 8761 5050

Sample Receipt Checklist

COC Seal Present/Intact:	Y N NP	If Applicable VOA Zero Headspace:	Y N
COC Signed/Accurate:	Y N	Pres. Correct/Check:	Y N
Bottles arrive intact:	Y N		
Correct bottles used:	Y N	Condition: NCF OK	
Sufficient volume sent:	Y N		
RA Screen <0.5 mR/hr:	Y N	TLA9 10.6±0=10.6	

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 10/29/25 Total # of Containers: 12 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time
[signature]	10/29/25 1115	[signature]	10-30-25/ 0830

Sample Temperature Upon Receipt	____ °C
Sample(s) Received on Ice	Y or N
Proper Bottles Received in Good Condition	Y or N
Bottles Filled with Adequate Volume	Y or N
Samples Received Within Hold Time	Y or N
Date/Time Taken From Sample Bottle	Y or N

ANALYTICAL REPORT

November 19, 2025

Pace IR - Peoria, IL

Sample Delivery Group:	L1914367
Samples Received:	11/04/2025
Project Number:	IJ05643
Description:	IJ05643

Report To: Diane Billings
2231 W. Altorfer Drive
Peoria, IL 61615

Entire Report Reviewed By:

Ashley N Pullium
Project Manager

TABLE OF CONTENTS

SAMPLE SUMMARY

IJ05643-01 L1914367-01

Collected by | Collected date/time 10/29/25 11:23 | Received date/time 11/04/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637178	1	11/10/25 11:11	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637178	1	11/10/25 11:11	11/12/25 09:51	RGT	Mt. Juliet, TN

IJ05643-02 L1914367-02

Collected by | Collected date/time 10/29/25 12:49 | Received date/time 11/04/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637178	1	11/10/25 11:11	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637178	1	11/10/25 11:11	11/12/25 09:51	RGT	Mt. Juliet, TN

IJ05643-03 L1914367-03

Collected by | Collected date/time 10/29/25 13:17 | Received date/time 11/04/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637178	1	11/10/25 11:11	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637178	1	11/10/25 11:11	11/12/25 09:51	RGT	Mt. Juliet, TN

IJ05643-04 L1914367-04

Collected by | Collected date/time 10/29/25 14:11 | Received date/time 11/04/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637178	1	11/10/25 11:11	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637178	1	11/10/25 11:11	11/12/25 09:51	RGT	Mt. Juliet, TN

IJ05643-05 L1914367-05

Collected by | Collected date/time 10/29/25 11:35 | Received date/time 11/04/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637667	1	11/11/25 06:24	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637178	1	11/10/25 11:11	11/18/25 16:58	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637178	1	11/10/25 11:11	11/12/25 09:51	RGT	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Ashley N Pullium
Project Manager

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	-0.182	U	1.46	1.48	2.57	0.802	11/18/2025 16:58	WG2637667
(T) Barium	*70.7*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*97.8*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.259	U	1.48	2.59	11/18/2025 16:58	WG2637178

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.259	J	0.239	0.322	0.285	0.0780	11/12/2025 09:51	WG2637178
(T) Barium-133	*89.6*					*30.0-110*	*11/12/2025 09:51*	WG2637178

IJ05643-02 SAMPLE RESULTS - 02

Collected date/time: 10/29/25 12:49 L1914367

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.356	U	0.739	0.766	1.27	0.393	11/18/2025 16:58	WG2637667
(T) Barium	*66.4*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*102*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.510	U	0.779	1.32	11/18/2025 16:58	WG2637178

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.154	J	0.246	0.302	0.377	0.117	11/12/2025 09:51	WG2637178
(T) Barium-133	*86.3*					*30.0-110*	*11/12/2025 09:51*	WG2637178

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.820	J	0.823	0.863	1.37	0.428	11/18/2025 16:58	WG2637667
(T) Barium	*71.1*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*102*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.886	J	0.856	1.43	11/18/2025 16:58	WG2637178

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.0660	U	0.237	0.272	0.415	0.137	11/12/2025 09:51	WG2637178
(T) Barium-133	*89.8*					*30.0-110*	*11/12/2025 09:51*	WG2637178

IJ05643-04 SAMPLE RESULTS - 04

Collected date/time: 10/29/25 14:11 L1914367

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.0482	U	1.30	1.31	2.27	0.708	11/18/2025 16:58	WG2637667
(T) Barium	*71.0*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*104*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.0482	U	1.31	2.30	11/18/2025 16:58	WG2637178

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	-0.0845	U	0.123	0.160	0.368	0.114	11/12/2025 09:51	WG2637178
(T) Barium-133	*85.0*					*30.0-110*	*11/12/2025 09:51*	WG2637178

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.132	U	0.622	0.638	1.09	0.336	11/18/2025 16:58	WG2637667
(T) Barium	*74.3*					*30.0-110*	*11/18/2025 16:58*	WG2637667
(T) Yttrium	*104*					*30.0-110*	*11/18/2025 16:58*	WG2637667

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	1.00	J	0.749	1.15	11/18/2025 16:58	WG2637178

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.870		0.417	0.538	0.362	0.118	11/12/2025 09:51	WG2637178
(T) Barium-133	*94.9*					*30.0-110*	*11/12/2025 09:51*	WG2637178

WG2637667

Radiochemistry by Method 904/9320

QUALITY CONTROL SUMMARY

L1914367-01,02,03,04,05

Method Blank (MB)

(MB) R4302851-1 11/18/25 16:58

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	-0.312	U	0.396	0.730	0.226
(T) Barium	*73.7*		*73.7*		
(T) Yttrium	*86.5*		*86.5*		

L1911160-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1911160-04 11/18/25 16:58 • (DUP) R4302851-5 11/18/25 16:58

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	1.25	0.691	1.09	0.337	0.627	0.887	1.50	0.470	66.2	0.552	J	20	3
(T) Barium	*75.1*				*73.0*	*73.0*							
(T) Yttrium	*94.6*				*107*	*107*							

Laboratory Control Sample (LCS)

(LCS) R4302851-2 11/18/25 16:58

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.01	100	80.0-120	
(T) Barium			*60.9*		
(T) Yttrium			*94.9*		

L1911073-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1911073-07 11/18/25 16:58 • (MS) R4302851-3 11/18/25 16:58 • (MSD) R4302851-4 11/18/25 16:58

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	16.7	0.0612	18.2	19.1	109	114	1	70.0-130			4.51		20
(T) Barium		*70.1*			*66.4*	*62.3*							
(T) Yttrium		*104*			*91.3*	*91.4*							

WG2637178

Radiochemistry by Method SM7500Ra-B,M

QUALITY CONTROL SUMMARY

L1914367-01,02,03,04,05

Method Blank (MB)

(MB) R4299887-6 11/12/25 09:51

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	-0.0175	U	0.0271	0.0826	0.0250
(T) Barium-133	*84.1*		*84.1*		

L1914871-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1914871-04 11/12/25 09:51 • (DUP) R4299887-10 11/12/25 09:51

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.148	0.219	0.326	0.105	0.174	0.216	0.303	0.0974	16.1	0.0845	J	20	3
(T) Barium-133	*85.8*				*95.0*	*95.0*							

Laboratory Control Sample (LCS)

(LCS) R4299887-7 11/12/25 09:51

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.20	104	80.0-120	
(T) Barium-133			*80.7*		

L1914367-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1914367-01 11/12/25 09:51 • (MS) R4299887-8 11/12/25 09:51 • (MSD) R4299887-9 11/12/25 09:51

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.259	20.4	18.9	101	93.0	1	75.0-125			8.09		20
(T) Barium-133		*89.6*			*88.4*	*82.6*							

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SUBCONTRACT ORDER
Transfer Chain of Custody

D127

Pace Analytical Services, LLC

IJ05643

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

U94767

Sample: IJ05643-01
Name: 12

Sampled: 10/29/25 11:23
Matrix: Ground Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/11/25 16:00	04/27/26 11:23	

Sample: IJ05643-02
Name: 23

Sampled: 10/29/25 12:49
Matrix: Ground Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/11/25 16:00	04/27/26 12:49	

Sample: IJ05643-03
Name: 46

Sampled: 10/29/25 13:17
Matrix: Ground Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/11/25 16:00	04/27/26 13:17	

Sample: IJ05643-04
Name: 49

Sampled: 10/29/25 14:11
Matrix: Ground Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/11/25 16:00	04/27/26 14:11	

Sample: IJ05643-05
Name: 51

Sampled: 10/29/25 11:35
Matrix: Ground Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/11/25 16:00	04/27/26 11:35	

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IJ05643

L(9)14367

PH – 10BDH5131
TRC – 4072A72

<2

8856 9986 1316

TLA 9 13.2 + 0 = 13.2

Sample Receipt Checklist

COC Seal Present/Intact:	Y__N__NP	If Applicable	
COC Signed/Accurate:	Y__N	VOA Zero Headspace:	__Y__N
Bottles arrive intact:	Y__N	Pres. Correct/Check:	__Y__N
Correct bottles used:	Y__N		
Sufficient volume sent:	Y__N	Condition: ___NCF	___OK
RA Screen <0.5 mR/hr:	Y__N	Containers: 10	

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 11/3/25 Total # of Containers: 10 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time
	11/3/25 0650		0900 11.04.25

Sample Temperature Upon Receipt	_____ °C
Sample(s) Received on Ice	Y or N
Proper Bottles Received in Good Condition	Y or N
Bottles Filled with Adequate Volume	Y or N
Samples Received Within Hold Time	Y or N
Date/Time Taken From Sample Bottle	Y or N

ANALYTICAL REPORT

December 02, 2025

Revised Report

Pace IR - Peoria, IL

Sample Delivery Group:	L1916025
Samples Received:	11/07/2025
Project Number:	IK00259
Description:	
Site:	01
Report To:	Diane Billings 2231 W. Altorfer Drive Peoria, IL 61615

Entire Report Reviewed By:

Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

SAMPLE SUMMARY

IK00259-01 L1916025-01

Collected by	Collected date/time	Received date/time
	11/03/25 14:33	11/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637974	1	11/12/25 08:03	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637176	1	11/10/25 08:48	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637176	1	11/10/25 08:48	11/11/25 22:42	ZRG	Mt. Juliet, TN

IK00259-02 L1916025-02

Collected by	Collected date/time	Received date/time
	11/03/25 14:10	11/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637974	1	11/12/25 08:03	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637176	1	11/10/25 08:48	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637176	1	11/10/25 08:48	11/11/25 22:42	ZRG	Mt. Juliet, TN

IK00259-03 L1916025-03

Collected by	Collected date/time	Received date/time
	11/03/25 13:04	11/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637974	1	11/12/25 08:03	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637176	1	11/10/25 08:48	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637176	1	11/10/25 08:48	11/11/25 22:42	ZRG	Mt. Juliet, TN

IK00259-04 L1916025-04

Collected by	Collected date/time	Received date/time
	11/03/25 16:05	11/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637974	1	11/12/25 08:03	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637176	1	11/10/25 08:48	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637176	1	11/10/25 08:48	11/11/25 22:42	ZRG	Mt. Juliet, TN

IK00259-05 L1916025-05

Collected by	Collected date/time	Received date/time
	11/03/25 13:24	11/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637974	1	11/12/25 08:03	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637176	1	11/10/25 08:48	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637176	1	11/10/25 08:48	11/11/25 22:42	ZRG	Mt. Juliet, TN

IK00259-06 L1916025-06

Collected by	Collected date/time	Received date/time
	11/03/25 12:10	11/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637974	1	11/12/25 08:03	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637176	1	11/10/25 08:48	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637176	1	11/10/25 08:48	11/11/25 22:48	ZRG	Mt. Juliet, TN

SAMPLE SUMMARY

IK00259-07 L1916025-07

	Collected by	Collected date/time	Received date/time
		11/03/25 11:17	11/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637974	1	11/12/25 08:03	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637176	1	11/10/25 08:48	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637176	1	11/10/25 08:48	11/11/25 22:42	ZRG	Mt. Juliet, TN

IK00259-08 L1916025-08

	Collected by	Collected date/time	Received date/time
		11/03/25 14:36	11/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637974	1	11/12/25 08:03	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637176	1	11/10/25 08:48	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637176	1	11/10/25 08:48	11/11/25 22:42	ZRG	Mt. Juliet, TN

IK00259-09 L1916025-09

	Collected by	Collected date/time	Received date/time
		11/03/25 12:10	11/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2637974	1	11/12/25 08:03	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2637176	1	11/10/25 08:48	11/17/25 22:29	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2637176	1	11/10/25 08:48	11/11/25 22:42	ZRG	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Ashley N Pullium
Project Manager

Report Revision History

Level II Report - Version 1: 11/19/25 13:42

Project Narrative

Reprinted to update time per client request AP

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.444	J	0.557	0.586	0.940	0.297	11/17/2025 22:29	WG2637974
(T) Barium	*91.9*					*30.0-110*	*11/17/2025 22:29*	WG2637974
(T) Yttrium	*78.1*					*30.0-110*	*11/17/2025 22:29*	WG2637974

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.473	J	0.600	1.03	11/17/2025 22:29	WG2637176

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.0292	U	0.222	0.245	0.418	0.136	11/11/2025 22:42	WG2637176
(T) Barium-133	*82.3*					*30.0-110*	*11/11/2025 22:42*	WG2637176

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.577	J	0.409	0.442	0.664	0.207	11/17/2025 22:29	WG2637974
(T) Barium	*96.2*					*30.0-110*	*11/17/2025 22:29*	WG2637974
(T) Yttrium	*84.6*					*30.0-110*	*11/17/2025 22:29*	WG2637974

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.871		0.491	0.739	11/17/2025 22:29	WG2637176

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.294	J	0.272	0.350	0.324	0.0886	11/11/2025 22:42	WG2637176
(T) Barium-133	*85.5*					*30.0-110*	*11/11/2025 22:42*	WG2637176

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.126	U	0.407	0.423	0.709	0.222	11/17/2025 22:29	WG2637974
(T) Barium	*94.1*					*30.0-110*	*11/17/2025 22:29*	WG2637974
(T) Yttrium	*88.1*					*30.0-110*	*11/17/2025 22:29*	WG2637974

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.954		0.548	0.767	11/17/2025 22:29	WG2637176

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.829		0.367	0.495	0.292	0.0921	11/11/2025 22:42	WG2637176
(T) Barium-133	*93.7*					*30.0-110*	*11/11/2025 22:42*	WG2637176

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.756		0.434	0.472	0.689	0.215	11/17/2025 22:29	WG2637974
(T) Barium	*94.0*					*30.0-110*	*11/17/2025 22:29*	WG2637974
(T) Yttrium	*82.0*					*30.0-110*	*11/17/2025 22:29*	WG2637974

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.13		0.517	0.751	11/17/2025 22:29	WG2637176

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.377		0.281	0.390	0.298	0.0848	11/11/2025 22:42	WG2637176
(T) Barium-133	*86.2*					*30.0-110*	*11/11/2025 22:42*	WG2637176

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	1.25		0.709	0.760	1.14	0.363	11/17/2025 22:29	WG2637974
(T) Barium	*88.4*					*30.0-110*	*11/17/2025 22:29*	WG2637974
(T) Yttrium	*72.6*					*30.0-110*	*11/17/2025 22:29*	WG2637974

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.32		0.760	1.24	11/17/2025 22:29	WG2637176

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.0766	U	0.275	0.322	0.482	0.159	11/11/2025 22:42	WG2637176
(T) Barium-133	*79.5*					*30.0-110*	*11/11/2025 22:42*	WG2637176

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.834		0.426	0.466	0.672	0.211	11/17/2025 22:29	WG2637974
(T) Barium	*90.6*					*30.0-110*	*11/17/2025 22:29*	WG2637974
(T) Yttrium	*96.3*					*30.0-110*	*11/17/2025 22:29*	WG2637974

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.59		0.584	0.756	11/17/2025 22:29	WG2637176

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.753		0.399	0.504	0.347	0.105	11/11/2025 22:48	WG2637176
(T) Barium-133	*88.8*					*30.0-110*	*11/11/2025 22:48*	WG2637176

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.502	J	0.544	0.575	0.912	0.288	11/17/2025 22:29	WG2637974
(T) Barium	*92.1*					*30.0-110*	*11/17/2025 22:29*	WG2637974
(T) Yttrium	*80.1*					*30.0-110*	*11/17/2025 22:29*	WG2637974

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.960	J	0.644	0.992	11/17/2025 22:29	WG2637176

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.458		0.345	0.449	0.390	0.125	11/11/2025 22:42	WG2637176
(T) Barium-133	*100*					*30.0-110*	*11/11/2025 22:42*	WG2637176

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.789	J	0.792	0.831	1.32	0.418	11/17/2025 22:29	WG2637974
(T) Barium	*87.8*					*30.0-110*	*11/17/2025 22:29*	WG2637974
(T) Yttrium	*80.4*					*30.0-110*	*11/17/2025 22:29*	WG2637974

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.957	J	0.821	1.36	11/17/2025 22:29	WG2637176

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.168	J	0.216	0.268	0.307	0.0875	11/11/2025 22:42	WG2637176
(T) Barium-133	*92.2*					*30.0-110*	*11/11/2025 22:42*	WG2637176

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.955		0.565	0.608	0.902	0.282	11/17/2025 22:29	WG2637974
(T) Barium	*74.6*					*30.0-110*	*11/17/2025 22:29*	WG2637974
(T) Yttrium	*83.1*					*30.0-110*	*11/17/2025 22:29*	WG2637974

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.85		0.734	1.02	11/17/2025 22:29	WG2637176

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.898		0.469	0.607	0.472	0.171	11/11/2025 22:42	WG2637176
(T) Barium-133	*95.6*					*30.0-110*	*11/11/2025 22:42*	WG2637176

QUALITY CONTROL SUMMARY

L1916025-01,02,03,04,05,06,07,08,09

Method Blank (MB)

(MB) R4302799-1 11/17/25 22:29

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	-0.0844	U	0.353	0.631	0.199
(T) Barium	*90.9*		*90.9*		
(T) Yttrium	*78.7*		*78.7*		

L1916025-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1916025-08 11/17/25 22:29 • (DUP) R4302799-5 11/17/25 22:29

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.789	0.792	1.32	0.418	0.633	0.698	1.17	0.373	22.0	0.148	J	20	3
(T) Barium	*87.8*				*91.1*	*91.1*							
(T) Yttrium	*80.4*				*99.3*	*99.3*							

Laboratory Control Sample (LCS)

(LCS) R4302799-2 11/17/25 22:29

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.35	107	80.0-120	
(T) Barium			*91.7*		
(T) Yttrium			*96.3*		

L1911117-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1911117-03 11/17/25 22:29 • (MS) R4302799-3 11/17/25 22:29 • (MSD) R4302799-4 11/17/25 22:29

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	16.7	5.83	18.5	19.4	76.0	81.4	1	70.0-130			4.69		20
(T) Barium		*57.5*			*59.8*	*68.9*							
(T) Yttrium		*94.4*			*94.7*	*103*							

QUALITY CONTROL SUMMARY

L1916025-01,02,03,04,05,06,07,08,09

Method Blank (MB)

(MB) R4299790-1 11/11/25 22:42

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	0.000	U	0.0278	0.0555	0.0203
(T) Barium-133	*73.9*		*73.9*		

L1916025-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1916025-09 11/11/25 22:42 • (DUP) R4299790-5 11/11/25 22:42

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.898	0.469	0.472	0.171	1.07	0.399	0.249	0.0710	17.4	0.278		20	3
(T) Barium-133	*95.6*				*84.0*	*84.0*							

Laboratory Control Sample (LCS)

(LCS) R4299790-2 11/11/25 22:42

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.22	104	80.0-120	
(T) Barium-133			*91.0*		

L1915386-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1915386-01 11/11/25 22:42 • (MS) R4299790-3 11/11/25 22:42 • (MSD) R4299790-4 11/11/25 22:42

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	1.28	23.8	24.5	112	116	1	75.0-125			2.94		20
(T) Barium-133		*79.9*			*85.9*	*90.8*							

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SUBCONTRACT ORDER
Transfer Chain of Custody

M001

Pace Analytical Services, LLC

IK00259

L1916025

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

Sample: IK00259-01
Name: 03R

<2

Sampled: 11/03/25 14:33
Matrix: Ground Water
Preservative: HNO3, pH <2

-01

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/14/25 16:00	05/02/26 14:33	

Sample: IK00259-02
Name: 08

Sampled: 11/03/25 14:10
Matrix: Ground Water
Preservative: HNO3, pH <2

-02

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/14/25 16:00	05/02/26 14:10	

Sample: IK00259-03
Name: 13

Sampled: 11/03/25 13:04
Matrix: Ground Water
Preservative: HNO3, pH <2

-03

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/14/25 16:00	05/02/26 13:04	

Sample: IK00259-04
Name: 18D

Sampled: 11/03/25 16:05
Matrix: Ground Water
Preservative: HNO3, pH <2

-04

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/14/25 16:00	05/02/26 16:05	

Sample: IK00259-05
Name: 22

Sampled: 11/03/25 13:24
Matrix: Ground Water
Preservative: HNO3, pH <2

-05

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/14/25 16:00	05/02/26 13:24	

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IK00259

L1916025

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

Sample: IK00259-06
Name: 22D

Sampled: 11/03/25 12:10
Matrix: Ground Water
Preservative: HNO3, pH <2

-06

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/14/25 16:00	05/02/26 12:10	

Sample: IK00259-07
Name: 35

Sampled: 11/03/25 11:17
Matrix: Ground Water
Preservative: HNO3, pH <2

-07

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/14/25 16:00	05/02/26 11:17	

Sample: IK00259-08
Name: EB #2

Sampled: 11/03/25 14:36
Matrix: Ground Water
Preservative: HNO3, pH <2

-08

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/14/25 16:00	05/02/26 14:36	

Sample: IK00259-09
Name: 22D Dup

Sampled: 11/03/25 ~~00:00~~ 1210 12/2/25
Matrix: Ground Water
Preservative: HNO3, pH <2

-09 dmb

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/14/25 16:00	05/02/26 00:00	

16:82 to 1682 TLA9

Sample Receipt Checklist

COC Seal Present/Intact:	Y N NF	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres. Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N	Condition: NCF	OK
RA Screen <0.5 mR/hr:	N		

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IK00259

L1916025

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 11/6/25 Total # of Containers: 18 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time
	11/6/25 0840		
			11-7-25 0900

Sample Temperature Upon Receipt ____ °C
Sample(s) Received on Ice Y or N
Proper Bottles Received in Good Condition Y or N
Bottles Filled with Adequate Volume Y or N
Samples Received Within Hold Time Y or N
Date/Time Taken From Sample Bottle Y or N

8858 1010 0566

ANALYTICAL REPORT

December 01, 2025

Pace IR - Peoria, IL

Sample Delivery Group:	L1916760
Samples Received:	11/11/2025
Project Number:	IK01122
Description:	
Site:	01
Report To:	Diane Billings 2231 W. Altorfer Drive Peoria, IL 61615

Entire Report Reviewed By:

Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

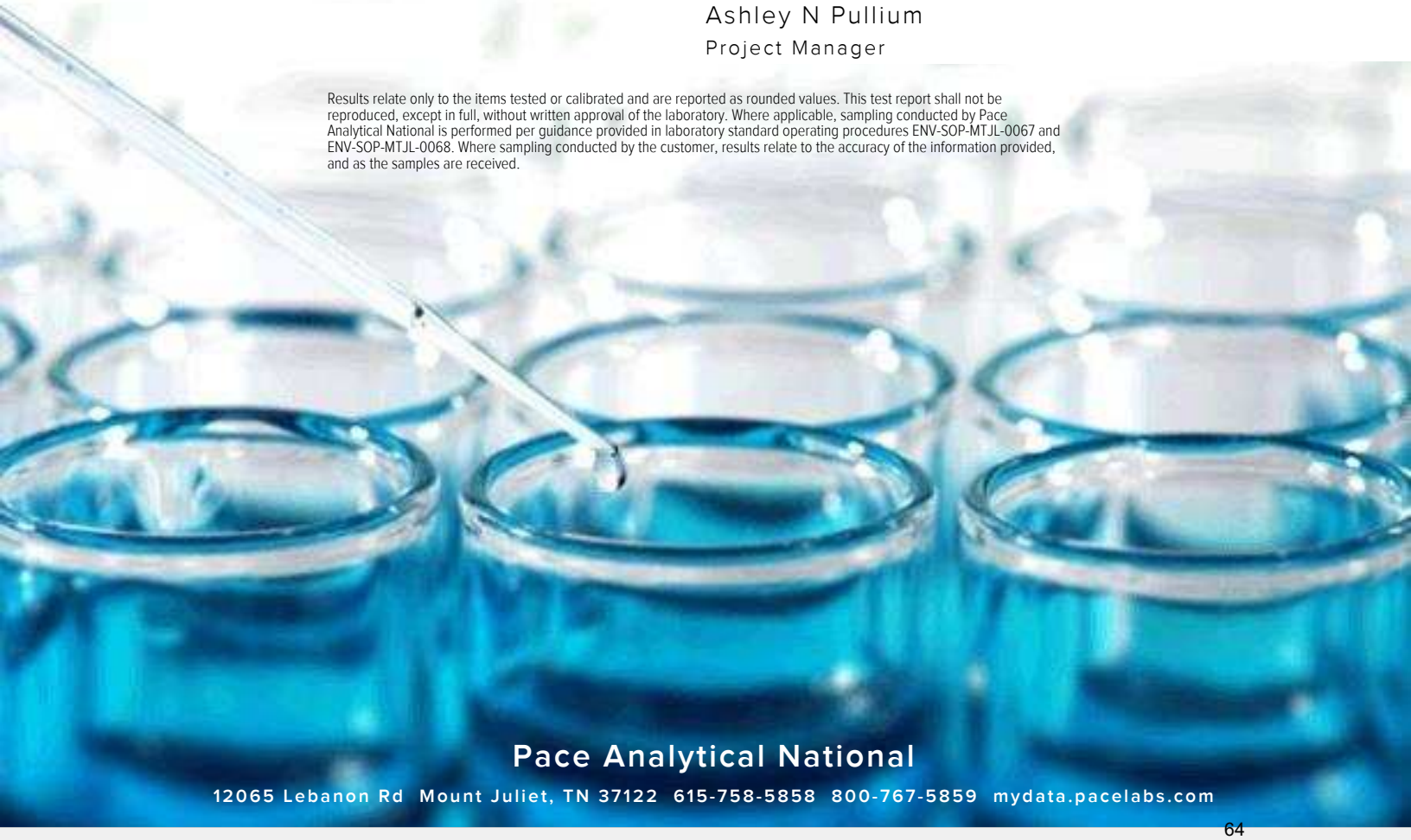

TABLE OF CONTENTS

SAMPLE SUMMARY

07 L1916760-01

	Collected by	Collected date/time	Received date/time
		11/05/25 12:20	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2638882	1	11/13/25 14:21	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

08D L1916760-02

	Collected by	Collected date/time	Received date/time
		11/05/25 13:51	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2638882	1	11/13/25 14:21	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

50 L1916760-03

	Collected by	Collected date/time	Received date/time
		11/05/25 10:50	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2638882	1	11/13/25 14:21	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

52 L1916760-04

	Collected by	Collected date/time	Received date/time
		11/05/25 12:13	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2638882	1	11/13/25 14:21	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

54 L1916760-05

	Collected by	Collected date/time	Received date/time
		11/05/25 11:18	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2638882	1	11/13/25 14:21	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

FIELD BLANK L1916760-06

	Collected by	Collected date/time	Received date/time
		11/05/25 14:06	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2638882	1	11/13/25 14:21	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

SAMPLE SUMMARY

54 DUP L1916760-07

Collected by	Collected date/time	Received date/time
	11/05/25 11:18	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2638882	1	11/13/25 14:21	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Ashley N Pullium
Project Manager

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.476	J	0.474	0.504	0.792	0.248	11/19/2025 09:10	WG2638882
(T) Barium	*91.5*					*30.0-110*	*11/19/2025 09:10*	WG2638882
(T) Yttrium	*104*					*30.0-110*	*11/19/2025 09:10*	WG2638882

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.747	J	0.534	0.846	11/19/2025 09:10	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.271	J	0.247	0.330	0.298	0.0878	11/17/2025 22:24	WG2638579
(T) Barium-133	*78.9*					*30.0-110*	*11/17/2025 22:24*	WG2638579

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.0818	U	0.615	0.628	1.07	0.336	11/19/2025 09:10	WG2638882
(T) Barium	*97.8*					*30.0-110*	*11/19/2025 09:10*	WG2638882
(T) Yttrium	*262*	C1				*30.0-110*	*11/19/2025 09:10*	WG2638882

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.146	U	0.657	1.15	11/19/2025 09:10	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.0647	U	0.231	0.280	0.422	0.131	11/17/2025 22:24	WG2638579
(T) Barium-133	*71.2*					*30.0-110*	*11/17/2025 22:24*	WG2638579

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.488	J	0.376	0.406	0.615	0.190	11/19/2025 09:10	WG2638882
(T) Barium	*92.8*					*30.0-110*	*11/19/2025 09:10*	WG2638882
(T) Yttrium	*97.6*					*30.0-110*	*11/19/2025 09:10*	WG2638882

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.632	J	0.431	0.692	11/19/2025 09:10	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.144	J	0.211	0.274	0.317	0.0869	11/17/2025 22:24	WG2638579
(T) Barium-133	*80.4*					*30.0-110*	*11/17/2025 22:24*	WG2638579

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.372	J	0.417	0.444	0.700	0.217	11/19/2025 09:10	WG2638882
(T) Barium	*86.8*					*30.0-110*	*11/19/2025 09:10*	WG2638882
(T) Yttrium	*111*	C1				*30.0-110*	*11/19/2025 09:10*	WG2638882

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.441	J	0.485	0.832	11/19/2025 09:10	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.0689	U	0.247	0.288	0.450	0.139	11/17/2025 22:24	WG2638579
(T) Barium-133	*72.3*					*30.0-110*	*11/17/2025 22:24*	WG2638579

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.555	J	0.379	0.411	0.613	0.189	11/19/2025 09:10	WG2638882
(T) Barium	*97.6*					*30.0-110*	*11/19/2025 09:10*	WG2638882
(T) Yttrium	*91.3*					*30.0-110*	*11/19/2025 09:10*	WG2638882

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.630	J	0.464	0.772	11/19/2025 09:10	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.0746	U	0.268	0.308	0.470	0.155	11/17/2025 22:24	WG2638579
(T) Barium-133	*79.4*					*30.0-110*	*11/17/2025 22:24*	WG2638579

FIELD BLANK SAMPLE RESULTS - 06

Collected date/time: 11/05/25 14:06 L1916760

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	-0.131	U	0.476	0.492	0.845	0.265	11/19/2025 09:10	WG2638882
(T) Barium	*90.7*					*30.0-110*	*11/19/2025 09:10*	WG2638882
(T) Yttrium	*116*	C1				*30.0-110*	*11/19/2025 09:10*	WG2638882

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.106	U	0.528	0.926	11/19/2025 09:10	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.106	U	0.228	0.268	0.378	0.117	11/17/2025 22:24	WG2638579
(T) Barium-133	*82.6*					*30.0-110*	*11/17/2025 22:24*	WG2638579

54 DUP SAMPLE RESULTS - 07

Collected date/time: 11/05/25 11:18 L1916760

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.0633	U	0.344	0.355	0.603	0.187	11/19/2025 09:10	WG2638882
(T) Barium	*102*					*30.0-110*	*11/19/2025 09:10*	WG2638882
(T) Yttrium	*106*					*30.0-110*	*11/19/2025 09:10*	WG2638882

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.248	U	0.451	0.747	11/19/2025 09:10	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.185	J	0.292	0.354	0.441	0.144	11/17/2025 22:24	WG2638579
(T) Barium-133	*77.9*					*30.0-110*	*11/17/2025 22:24*	WG2638579

QUALITY CONTROL SUMMARY

L1916760-01,02,03,04,05,06,07

Method Blank (MB)

(MB) R4306963-1 11/19/25 09:10

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	-0.186	U	0.248	0.459	0.143
(T) Barium	*104*		*104*		
(T) Yttrium	*96.9*		*96.9*		

L1916760-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1916760-02 11/19/25 09:10 • (DUP) R4306963-3 11/19/25 09:10

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.0818	0.615	1.07	0.336	0.269	0.511	0.878	0.274	107	0.234	U	20	3
(T) Barium	*97.8*				*103*	*103*							
(T) Yttrium	*262*				*109*	*109*							

Laboratory Control Sample (LCS)

(LCS) R4306963-2 11/19/25 09:10

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	4.17	83.4	80.0-120	
(T) Barium			*99.4*		
(T) Yttrium			*89.6*		

L1911117-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1911117-13 11/26/25 13:20 • (MS) R4306963-6 11/26/25 13:20 • (MSD) R4306963-7 11/26/25 13:20

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	16.7	1.45	27.2	19.4	154	107	1	70.0-130	J5	J3	33.5		20
(T) Barium		*110*			*127*	*100*			C1				
(T) Yttrium		*97.6*			*94.4*	*100*							

WG2638579

Radiochemistry by Method SM7500Ra-B,M

QUALITY CONTROL SUMMARY

L1916760-01,02,03,04,05,06,07

Method Blank (MB)

(MB) R4302839-1 11/17/25 22:24

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	-0.0165	U	0.0255	0.0777	0.0235
(T) Barium-133	*90.1*		*90.1*		

L1916763-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1916763-03 11/17/25 22:24 • (DUP) R4302839-5 11/17/25 22:24

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.0597	0.135	0.247	0.0597	0.268	0.234	0.273	0.0779	127	0.770	J	20	3
(T) Barium-133	*83.8*				*76.6*	*76.6*							

Laboratory Control Sample (LCS)

(LCS) R4302839-2 11/17/25 22:24

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.46	109	80.0-120	
(T) Barium-133			*66.1*		

L1916756-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1916756-01 11/17/25 22:24 • (MS) R4302839-3 11/17/25 22:24 • (MSD) R4302839-4 11/17/25 22:24

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.980	22.0	22.7	105	109	1	75.0-125			3.26		20
(T) Barium-133		*86.6*			*82.8*	*79.6*							

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C1	Tracer recovery limits have been exceeded; values are outside upper control limits.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
U	Below Detectable Limits: Indicates that the analyte was not detected.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IK01122

B010

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

49167760

Sample: IK01122-01
Name: 07

Sampled: 11/05/25 12:20
Matrix: Ground Water
Preservative: HNO3, pH <2

-01

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	12/01/25 16:00	05/04/26 12:20	

Sample: IK01122-02
Name: 08D

Sampled: 11/05/25 13:51
Matrix: Ground Water
Preservative: HNO3, pH <2

-02

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	12/01/25 16:00	05/04/26 13:51	

Sample: IK01122-03
Name: 50

Sampled: 11/05/25 10:50
Matrix: Ground Water
Preservative: HNO3, pH <2

-03

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	12/01/25 16:00	05/04/26 10:50	

Sample: IK01122-04
Name: 52

Sampled: 11/05/25 12:13
Matrix: Ground Water
Preservative: HNO3, pH <2

-04

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	12/01/25 16:00	05/04/26 12:13	

Sample: IK01122-05
Name: 54

Sampled: 11/05/25 11:18
Matrix: Ground Water
Preservative: HNO3, pH <2

-05

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	12/01/25 16:00	05/04/26 11:18	

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IK01122

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

L9116760

Sample: IK01122-06
Name: Field Blank

Sampled: 11/05/25 14:06
Matrix: Ground Water
Preservative: HNO3, pH <2

-06

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	12/01/25 16:00	05/04/26 14:06	

Sample: IK01122-07
Name: 54 Dup

Sampled: 11/05/25 11:18
Matrix: Ground Water
Preservative: HNO3, pH <2

-07

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	12/01/25 16:00	05/04/26 11:18	

15-5-D.0211.3

Sample Receipt Checklist

eal Present/Intact:	Y N NP	If Applicable	
igned/Accurate:	Y N	VOA Zero Headspace:	Y N
es arrive intact:	Y N	Pres. Correct/Check:	Y N
ct bottles used:	Y N		
cient volume sent:	Y N	Condition: NCF	OK
reen <0.5 mR/hr:	Y N	10 TOTAL	

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 10-NOV-25 Total # of Containers: 14 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time
	11/10/25 1330		
		Christopher J. Gallin	11/11/25 0920

Sample Temperature Upon Receipt	____ °C
Sample(s) Received on Ice	Y or N
Proper Bottles Received in Good Condition	Y or N
Bottles Filled with Adequate Volume	Y or N
Samples Received Within Hold Time	Y or N
Date/Time Taken From Sample Bottle	Y or N

ANALYTICAL REPORT

December 01, 2025

Pace IR - Peoria, IL

Sample Delivery Group:	L1916762
Samples Received:	11/11/2025
Project Number:	IK01448
Description:	
Site:	01
Report To:	Diane Billings 2231 W. Altorfer Drive Peoria, IL 61615

Entire Report Reviewed By:

Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

SAMPLE SUMMARY

18S L1916762-01

Collected by	Collected date/time	Received date/time
	11/04/25 11:09	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2638882	1	11/13/25 14:21	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

45S L1916762-02

Collected by	Collected date/time	Received date/time
	11/04/25 15:02	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2638882	1	11/13/25 14:21	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 09:10	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

47 L1916762-03

Collected by	Collected date/time	Received date/time
	11/04/25 12:31	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2640416	1	11/14/25 11:38	11/19/25 17:17	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 17:17	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

45S DUP L1916762-04

Collected by	Collected date/time	Received date/time
	11/04/25 15:02	11/11/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2640416	1	11/14/25 11:38	11/19/25 17:17	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2638579	1	11/14/25 10:53	11/19/25 17:17	DDD	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2638579	1	11/14/25 10:53	11/17/25 22:24	RGT	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Ashley N Pullium
Project Manager

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.379	J	0.473	0.500	0.799	0.250	11/19/2025 09:10	WG2638882
(T) Barium	*87.4*					*30.0-110*	*11/19/2025 09:10*	WG2638882
(T) Yttrium	*107*					*30.0-110*	*11/19/2025 09:10*	WG2638882

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.485	J	0.516	0.871	11/19/2025 09:10	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.105	U	0.206	0.255	0.348	0.0952	11/17/2025 22:24	WG2638579
(T) Barium-133	*79.6*					*30.0-110*	*11/17/2025 22:24*	WG2638579

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.825		0.507	0.547	0.821	0.257	11/19/2025 09:10	WG2638882
(T) Barium	*89.3*					*30.0-110*	*11/19/2025 09:10*	WG2638882
(T) Yttrium	*93.9*					*30.0-110*	*11/19/2025 09:10*	WG2638882

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	1.02		0.559	0.882	11/19/2025 09:10	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.200	J	0.235	0.300	0.323	0.102	11/17/2025 22:24	WG2638579
(T) Barium-133	*84.6*					*30.0-110*	*11/17/2025 22:24*	WG2638579

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.743	J	0.489	0.528	0.796	0.249	11/19/2025 17:17	WG2640416
(T) Barium	*104*					*30.0-110*	*11/19/2025 17:17*	WG2640416
(T) Yttrium	*90.1*					*30.0-110*	*11/19/2025 17:17*	WG2640416

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.829	J	0.525	0.862	11/19/2025 17:17	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.0860	U	0.192	0.246	0.332	0.0946	11/17/2025 22:24	WG2638579
(T) Barium-133	*77.3*					*30.0-110*	*11/17/2025 22:24*	WG2638579

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

45S DUP SAMPLE RESULTS - 04

Collected date/time: 11/04/25 15:02 L1916762

Radiochemistry by Method 904/9320

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-228	0.0290	U	0.412	0.419	0.720	0.225	11/19/2025 17:17	WG2640416
(T) Barium	*111*	C1				*30.0-110*	*11/19/2025 17:17*	WG2640416
(T) Yttrium	*104*					*30.0-110*	*11/19/2025 17:17*	WG2640416

Radiochemistry by Method Calculation

Analyte	Result pCi/l	Qualifier	Uncertainty + / -	MDA pCi/l	Analysis Date date / time	Batch
Combined Radium	0.309	J	0.488	0.780	11/19/2025 17:17	WG2638579

Radiochemistry by Method SM7500Ra B M

Analyte	Result pCi/l	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	Batch
RADIUM-226	0.280	J	0.261	0.351	0.300	0.0725	11/17/2025 22:24	WG2638579
(T) Barium-133	*72.8*					*30.0-110*	*11/17/2025 22:24*	WG2638579

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R4306963-1 11/19/25 09:10

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	-0.186	U	0.248	0.459	0.143
(T) Barium	*104*		*104*		
(T) Yttrium	*96.9*		*96.9*		

L1916760-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1916760-02 11/19/25 09:10 • (DUP) R4306963-3 11/19/25 09:10

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.0818	0.615	1.07	0.336	0.269	0.511	0.878	0.274	107	0.234	U	20	3
(T) Barium	*97.8*				*103*	*103*							
(T) Yttrium	*262*				*109*	*109*							

Laboratory Control Sample (LCS)

(LCS) R4306963-2 11/19/25 09:10

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	4.17	83.4	80.0-120	
(T) Barium			*99.4*		
(T) Yttrium			*89.6*		

L1911117-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1911117-13 11/26/25 13:20 • (MS) R4306963-6 11/26/25 13:20 • (MSD) R4306963-7 11/26/25 13:20

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	16.7	1.45	27.2	19.4	154	107	1	70.0-130	J5	J3	33.5		20
(T) Barium		*110*			*127*	*100*			C1				
(T) Yttrium		*97.6*			*94.4*	*100*							

QUALITY CONTROL SUMMARY

L1916762-03,04

Method Blank (MB)

(MB) R4304733-1 11/19/25 17:17

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	0.0838	U	0.274	0.475	0.148
(T) Barium	*98.5*		*98.5*		
(T) Yttrium	*99.2*		*99.2*		

L1912324-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1912324-01 11/19/25 17:17 • (DUP) R4304733-5 11/19/25 17:17

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	1.06	0.660	1.07	0.337	1.70	0.750	1.18	0.371	46.1	0.636		20	3
(T) Barium	*104*				*96.8*	*96.8*							
(T) Yttrium	*103*				*94.4*	*94.4*							

Laboratory Control Sample (LCS)

(LCS) R4304733-2 11/19/25 17:17

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	4.92	98.3	80.0-120	
(T) Barium			*88.6*		
(T) Yttrium			*104*		

L1911536-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1911536-02 11/19/25 17:17 • (MS) R4304733-3 11/19/25 17:17 • (MSD) R4304733-4 11/19/25 17:17

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	10.0	1.03	10.7	10.3	96.8	93.2	1	70.0-130			3.42		20
(T) Barium		*92.6*			*86.4*	*91.4*							
(T) Yttrium		*94.2*			*94.4*	*111*				C1			

QUALITY CONTROL SUMMARY

L1916762-01,02,03,04

Method Blank (MB)

(MB) R4302839-1 11/17/25 22:24

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	-0.0165	U	0.0255	0.0777	0.0235
(T) Barium-133	*90.1*		*90.1*		

L1916763-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1916763-03 11/17/25 22:24 • (DUP) R4302839-5 11/17/25 22:24

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.0597	0.135	0.247	0.0597	0.268	0.234	0.273	0.0779	127	0.770	J	20	3
(T) Barium-133	*83.8*				*76.6*	*76.6*							

Laboratory Control Sample (LCS)

(LCS) R4302839-2 11/17/25 22:24

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.46	109	80.0-120	
(T) Barium-133			*66.1*		

L1916756-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1916756-01 11/17/25 22:24 • (MS) R4302839-3 11/17/25 22:24 • (MSD) R4302839-4 11/17/25 22:24

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.980	22.0	22.7	105	109	1	75.0-125			3.26		20
(T) Barium-133		*86.6*			*82.8*	*79.6*							

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C1	Tracer recovery limits have been exceeded; values are outside upper control limits.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
U	Below Detectable Limits: Indicates that the analyte was not detected.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IK01448

B011

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

L1916762

Sample: IK01448-01
Name: 18S

Sampled: 11/04/25 11:09
Matrix: Ground Water
Preservative: HNO3, pH <2

-01

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/26/25 16:00	05/03/26 11:09	

Sample: IK01448-02
Name: 45S

Sampled: 11/04/25 15:02
Matrix: Ground Water
Preservative: HNO3, pH <2

-02

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/26/25 16:00	05/03/26 15:02	

Sample: IK01448-03
Name: 47

Sampled: 11/04/25 12:31
Matrix: Ground Water
Preservative: HNO3, pH <2

-03

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/26/25 16:00	05/03/26 12:31	

Sample: IK01448-04
Name: 45S Dup

Sampled: 11/04/25 15:02
Matrix: Ground Water
Preservative: HNO3, pH <2

-04

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	11/26/25 16:00	05/03/26 15:02	

11.4-0.0-11.4

Sample Receipt Checklist

eal Present/Intact: X Y N NP If Applicable
igned/Accurate: X Y N VOA Zero Headspace: Y N
es arrive intact: X Y N Pres. Correct/Check: X Y N
ct bottles used: X Y N
cient volume sent: X Y N Condition: NCF OK
reen <0.5 mR/hr: X Y N

8 TOTAL

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IK01448

L1916762

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 11/10/25 Total # of Containers: 8 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time
[signature]	11/10/25 1330		
		Christopher Gallen	11/11/25 0900

Sample Temperature Upon Receipt	____ °C
Sample(s) Received on Ice	Y or N
Proper Bottles Received in Good Condition	Y or N
Bottles Filled with Adequate Volume	Y or N
Samples Received Within Hold Time	Y or N
Date/Time Taken From Sample Bottle	Y or N

IJ05413 / IJ05421

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02																							X						
2	03R																	X				X		X						
3	05DR	GW	G	10/28/25	14:20		6	X	X	X											X									
4	05R	GW	G	10/28/25	13:06		6	X	X	X											X									
5	07																	X	X			X	X		X						
6	08																	X	X		X	X	X		X					1.7	
7	08D																	X	X		X	X	X		X						
8	10																				X				X					1.8	
9	12																		X		X		X								
10	13																		X		X		X								
11	18D																	X				X			X						
12	18S																	X				X			X						
13	21R	GW	G	10/28/25	14:28		7	X	X	X										X				X		X				
14	22																			X				X		X				
15	22D																			X				X		X				
16	23																			X				X		X				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
HEN-25Q4 Rev 0	Andy Witeska	10/28/25	16:15			
				Camden Bennett	10/29/25	731

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: Andy Witeska

SIGNATURE of SAMPLER: Andy Witeska

DATE Signed (MM/DD/YY): 10/28/25

-0.2
1.6
0

IJ05413/ IJ05421

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27	GW	G	10/28/25	12:47		7	X	X	X										X				X		X				
2	32	GW	G	10/28/25	11:25		7	X	X	X										X				X		X				
3	34	GW	G	10/28/25	13:48		7	X	X	X										X				X		X				
4	35																			X				X		X				
5	40S	GW	G	10/28/25	11:40		6	X	X	X											X									
6	45S																	X				X			X					
7	46																		X				X							
8	47																		X				X							
9	49				17					-0.2										X				X		X				
10	50																			X				X		X				
11	51				1-8						1-8									X				X		X				
12	52																		X				X							
13	54									⊖									X				X							
14	SG02																	X	X	X	X	X	X	X	X	X				
15	XSG01																		X				X							
16	Field Blank																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Andy Wittska	10/28/25	16:15				
				Camden Bennett	10/29/25	731	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Andy Wittska					
SIGNATURE of SAMPLER:	Andy Wittska	DATE Signed (MM/DD/YY): 10/28/25				

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

IJ0541B

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 2

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

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

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27 - Field dup	GW	G	10/28/25	12:47		7	X	X	X																	
2	Equipment Blank #1	DW	G	10/28/25	14:35		7	X	X	X																	Filtered @ 21R
3																											
4																											
5																											
6																											
7																											
8					17							-0.2															
9																											
10					1.8								1.6														
11																											
12																											
13																											
14																											
15																											
16																											

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Andy Witeska	10/28/25	16:15				
				Camden Bennett	10/29/25	731	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Witeska

SIGNATURE of SAMPLER: Andy Witeska DATE Signed (MM/DD/YY): 10/28/25

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

ENV-FRM-PEOR-0098 v05_Sample Condition Upon Receipt

Client Name: Vistra Work Order #: IJ05413 / IJ05421 Completed by / Date: cfb 10/29/25

Custody seal on cooler/box present and seal intact:	☐Yes ☐No ☑N/A	
Chain of Custody (CoC) Present:	☑Yes ☐No	
CoC is Legible:	☑Yes ☐No	
Sampler Name Present on COC:	☑Yes ☐No	
Sampler Signature Present on CoC:	☑Yes ☐No	
Sample Collection Date Present on CoC:	☑Yes ☐No	
Sample Collection Time Present on CoC:	☑Yes ☐No	
CoC Relinquished by Client:	☑Yes ☐No	
Unique Sample ID's Present on CoC:	☑Yes ☐No	
CoC and Sample Container Labels Match:	☑Yes ☐No	
Sample chilling process started prior to receipt: If yes, what type of ice:	☑Yes ☐No ☐N/A ☑Wet ☐Blue	
Samples received within temperature compliance: (≤ 6°C,but above freezing or received same day collected and chill process started prior to receipt)	☑Yes ☐No ☐N/A	
Container(s) Received Intact:	☑Yes ☐No	
Containers Received Labeled and Labels are Legible:	☑Yes ☐No	
Appropriate Bottles Received for Analysis Requested:	☑Yes ☐No	
Sufficient Sample Volume Received:	☑Yes ☐No	
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	☐Yes ☐No ☑N/A	
Trip Blank(s) Received: If present, are they Listed on CoC:	☐Yes ☐No ☑N/A ☐Yes ☐No	
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials If headspace is present, note sample ID and # of vials	☐Yes ☐No ☑N/A	
All (Non-Field) Analysis Received Within Hold Times:	☑Yes ☐No	
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐Yes ☑No	
Short Hold Time Analysis (48 Hours or Less):	☑Yes ☐No	

Client Notification/ Resolution: If checked, please see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

DCN: LEN-FRM-PLANT_WEST_ASH_POND_SYSTEM
Effective Date: LEN-845-804

WORK ORDER #: WJ05413 / WJ05421 INITIALS: crb

	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
Plastic Bottles										
P, U, 1000ml - Total +DIS	2	2	1	1	1	1	2	1	2	
P, U, 250ml									1	
P, U, 500ml - Total										
P, U, 500ml - Diss			1	1	1	1		1		
P, 250ml/500ml H_2SO_4 - Total	1	1					1		1	
P, 250ml/500ml H_2SO_4 - Diss										
P, 250ml/500ml NaOH	1	1	1	1	1	1	1	1	1	
P, 250ml/500ml HNO_3 - Total			1	1	1	1	X	1	1	
P, 250ml/500ml HNO_3 - Diss	1	1					1		1	
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC										
P, 2.5L HNO_3										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml $Na_2S_2O_3$										
P, 16oz - Soil/Sludge										
Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml $MeCl_2$										
A, G, 500ml H_2SO_4										
A, G, U, 500ml										
A, G, U, 250ml H_2SO_4	1	1	1	1	1	1	1	1	1	
A, G, U, 250ml										
A, V, 40ml H_2SO_4										
A, V, U, 60ml										
Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl									3	3
C, V, U, 40ml										
C, V, 40ml $Na_2S_2O_3$										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										
Client Supplied										
Description										

1J05643
Rads

CHAIN-OF-CUSTODY / Analytical Request Document

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

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West					Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02	WT	G	29-Oct-25	1413		8	X		X	X	X												X						
2	03R																X				X			X							
3	05DR																			X										
4	05R																			X										
5	07																X	X			X	X		X						
6	08																X	X		X	X	X		X						
7	08D																X	X		X	X	X		X						
8	10																			X										
9	12	WT	G	29-Oct-25	1123		9	X	X	X		X						X		X		X								
10	13																	X		X		X								
11	18D																X				X			X						
12	18S																X				X			X						
13	21R																		X				X		X					
14	22																		X				X		X					
15	22D																		X				X		X					
16	23	WT	G	29-Oct-25	1249		7	X	X	X		X							X				X		X					

IR Gun # 17 Correction Factor (Deg C) -2

Observed Temp (Deg C) 3.6 Corrected Temp (Deg C) 3.4

Delivery Method: FedEx UPS Walk-in USPS Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
HEN-25Q4 Rev 0	Austin M	29-Oct-25	1611							
					102925	1611				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: Austin M DATE Signed (MM/DD/YY): 10/29/25

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27																			X				X		X				
2	32																			X				X		X				
3	34																			X				X		X				
4	35																			X				X		X				
5	40S																				X									
6	45S																	X				X			X					
7	46	WT	G	29-Oct-25	1317		5	X		X									X					X						
8	47																		X					X						
9	49	WT	G	29-Oct-25	1411		7	X	X	X		X								X				X		X				
10	50																			X				X		X				
11	51	WT	G	29-Oct-25	1135		7	X	X	X		X								X				X		X				
12	52																		X				X							
13	54																		X				X							
14	SG02																	X	X	X	X	X	X	X	X	X				
15	XSG01																		X				X							
16	Field Blank																													

IR Gun # 12 Correction Factor (Deg C) -1.2

Observed Temp (Deg C) 3.6 Corrected Temp (Deg C) 3.4

Delivery Method: FedEx UPS Walk-in USPS Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Austin M	29Oct25	1611		10/29/25	1611	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: Austin M

DATE Signed (MM/DD/YY): 10/29/25

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

1K00258 / 1K00259

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 2

Section A Required Client Information:

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

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Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02																							X						
2	03R	WT	G	3-Nov-25	1433		10	X		X	X	X						X				X			X						
3	05DR																				X										
4	05R																				X										
5	07																	X	X			X	X		X						
6	08	WT	G	3-Nov-25	1710		13	X	X	X	X	X						X	X		X	X	X		X						
7	08D																	X	X		X	X	X		X						
8	10																				X				X						
9	12																		X		X		X								
10	13	WT	G	3-Nov-25	1304		9	X	X	X		X							X		X		X								
11	18D	WT	G	3-Nov-25	1605		10	X		X	X	X						X				X			X						
12	18S																	X				X			X						
13	21R																			X				X		X					
14	22	WT	G	3-Nov-25	1324		7	X	X	X		X								X				X		X					
15	22D	WT	G	3-Nov-25	1210		7	X	X	X		X								X				X		X					
16	23																			X				X		X					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0		3-Nov-25	1737				
				Sophia Lofferts SAP	11.3.25	17:37	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: Austin Moore DATE Signed (MM/DD/YY): 11/03/25

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

IR Gun # 18 Correction Factor (Deg C) -0.1

Observed Temp (Deg C) 1.7 Corrected Temp (Deg C) 1.6

Bottle Ice Used: Yes / No UPS Walk-in USPS Other

IK00258/
IK00259

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 2

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27																		X				X		X				
2	32																		X				X		X				
3	34																		X				X		X				
4	35	WT	G	3-Nov-25	1117		6	X	X	X		X							X				X		X				
5	40S																			X									
6	~~45S~~ 22D DUPLICATE																X				X			X					
7	46																	X				X							
8	47																	X				X							
9	49																		X				X		X				
10	50																		X				X		X				
11	51																		X				X		X				
12	52																	X				X							
13	54																	X				X							
14	SG02																X	X	X	X	X	X	X	X	X				
15	XSG01																	X				X							
16	Field Blank																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Austin M	3-Nov-25	1737	Sophia Letterle	11-3-25	17:37	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: Austin M

DATE Signed (MM/DD/YY): 11/03/25

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

IK00258/
IK00259

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West			Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	FB#2	WT	G	3-Nov-25	14:36		13	X	X	X	X	X																		
2	Trip Blank #2 11/4/25 dnb	WT	G	3-Nov-25	16:26		3			X	X																				
3																															
4	22D DUP 11/4/25 dnb			3-Nov-25	12:10		7	X	X			X																		
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															
13																															
14																															
15																															
16																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0		3-Nov-25	1737				
					11-3-25	17:37	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 11/03/25

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

ENV-FRM-PSOR-0098 v05_Sample Condition Upon Receipt

Client Name: _____ Work Order #: IK00258 | 259 Completed by / Date: _____

Custody seal on cooler/box present and seal intact:	☐Yes ☐No ☐N/A	
Chain of Custody (CoC) Present:	☐Yes ☐No	
CoC is Legible:	☐Yes ☐No	
Sampler Name Present on COC:	☐Yes ☐No	
Sampler Signature Present on CoC:	☐Yes ☐No	
Sample Collection Date Present on CoC:	☐Yes ☐No	
Sample Collection Time Present on CoC:	☐Yes ☐No	
CoC Relinquished by Client:	☐Yes ☐No	
Unique Sample ID's Present on CoC:	☐Yes ☐No	
CoC and Sample Container Labels Match:	☐Yes ☐No	
Sample chilling process started prior to receipt: If yes, what type of ice:	☐Yes ☐No ☐N/A ☐Wet ☐Blue	
Samples received within temperature compliance: (≤ 6°C,but above freezing or received same day collected and chill process started prior to receipt)	☐Yes ☐No ☐N/A	
Container(s) Received Intact:	☐Yes ☐No	
Containers Received Labeled and Labels are Legible:	☐Yes ☐No	
Appropriate Bottles Received for Analysis Requested:	☐Yes ☐No	
Sufficient Sample Volume Received:	☐Yes ☐No	
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	☐Yes ☐No ☐N/A	
Trip Blank(s) Received: If present, are they Listed on CoC:	☐Yes ☐No ☐N/A ☐Yes ☐No	
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials *If headspace is present, note sample ID and # of vials	☐Yes ☐No ☐N/A	
All (Non-Field) Analysis Received Within Hold Times:	☐Yes ☐No	
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐Yes ☐No	
Short Hold Time Analysis (48 Hours or Less):	☐Yes ☐No	

Client Notification/ Resolution: If checked, please see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

DC# 845 Sample Receipt Checklist Form
Effective Date:

WORK ORDER #: LK00258 / 259 INITIALS:

EB#2 #08 #18D #35 #2nD #03R #13 FRB

	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
Plastic Bottles										
P, U, 1000ml - Total +D	2	2	1	1	1	1	2			
P, U, 250ml	1	1	1			1				
P, U, 500ml - Total			1							
P, U, 500ml - Diss			1	1	1	1				
P, 250ml/500ml H_2SO_4 - Total	1	1					1			
P, 250ml/500ml H_2SO_4 - Diss										
P, 250ml/500ml NaOH	1	1	1	1	1	1	1			
P, 250ml/500ml HNO_3 - Total	1	1	1	1	1	1	1			
P, 250ml/500ml HNO_3 - Diss	1	1					1			
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC										
P, 2.5L HNO_3										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml $Na_2S_2O_3$										
P, 16oz - Soil/Sludge										
Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml $MeCl_2$										
A, G, 500ml H_2SO_4										
A, G, U, 500ml										
A, G, U, 250ml H_2SO_4	1	1		1	1		1			
A, G, U, 250ml										
A, V, 40ml H_2SO_4										
A, V, U, 60ml										
Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl	3	3	3			3		3		
C, V, U, 40ml										
C, V, 40ml $Na_2S_2O_3$										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										
Client Supplied										
Description P, 1000ml Rad HNO3 (2) fraction										

IK01122

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02																						X						
2	03R																X				X			X						
3	05DR																			X									
4	05R																			X									
5	07	GW	G	11/05/25	12:20		10	X		X	X						X	X			X	X		X						
6	08	GW	G	11/05/25	13:51		10	X		X		X					X	X		X	X	X		X						
7	08D	GW	G	11/05/25	13:51		10	X		X		X					X	X		X	X	X		X						
8	10																			X									
9	12																	X		X		X							
10	13																	X		X		X							
11	18D																X				X			X					
12	18S																X				X			X					
13	21R																		X				X		X				
14	22																		X				X		X				
15	22D																		X				X		X				
16	23																		X				X		X				

IR Gun # 17 Correction Factor (Deg C) -0.2

Observed Temp (Deg C) 7.8 Corrected Temp (Deg C) 7.6

Delivery Method: FedEx UPS Walk-in USPS Other

IR Gun # 17 Correction Factor (Deg C) -0.2

Observed Temp (Deg C) 1.7 Corrected Temp (Deg C) 1.5

Delivery Method: FedEx UPS Walk-in USPS Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0		11/05/25	15:38		11/5/25	15:38	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Whitesides

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 11/05/25

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

1K01122

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 2

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27																			X				X		X				
2	32																			X				X		X				
3	34																			X				X		X				
4	35																			X				X		X				
5	40S																				X									
6	45S																	X				X			X					
7	46																		X				X							
8	47																		X				X							
9	49																			X				X		IR Gun # T7			Correction Factor (Deg C) -.2	
10	50	GW	G	11/05/25	10:50		7	X	X	X		X								X				X		X			Observed Temp (Deg C) 1.7	Corrected Temp (Deg C) 1.5
11	51																			X				X						
12	52	GW	G	11/05/25	12:13		5	X		X									X				X							
13	54	GW	G	11/05/25	11:18		5	X		X									X				X					Delivery Method: FedEx UPS Walk-in USPS Other	
14	SG02																	X	X	X	X	X	X	X	X	X				
15	XSG01																		X				X							
16	Field Blank	DI	G	11/05/25	14:06		13	X	X	X	X	X																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Andy Weteska	11/05/25	15:38	Sophia Tuffnell	11/5/25	17:38	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Weteska

SIGNATURE of SAMPLER: Andy Weteska

DATE Signed (MM/DD/YY): 11/5/25

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

1K01122

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 2

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	54-DUP	GW	G	11/05/25	11:58		5	X		X																	
2	Trip Blank #3	DI	G	11/05/25	14:26		3				X																
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											
13																											
14																											
15																											
16																											

IR Gun # 12 Correction Factor (Deg C) -.2

Observed Temp (Deg C) 1.7 Corrected Temp (Deg C) 1.5

Delivery Method: FedEx UPS Walk-in USPS Other

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Andy Webeska	11/05/25	15:38				
					11/5/25	15:38	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Webeska

SIGNATURE of SAMPLER: Andy Webeska

DATE Signed (MM/DD/YY): 11/05/25

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

DC#: [illegible] Form
Effective Date: [illegible]

WORK ORDER #: 1K01117 / 1K01122 INITIALS: [illegible]

	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
Plastic Bottles										
P, U, 1000ml - Total										
P, U, 250ml										
P, U, 500ml - Total										
P, U, 500ml - Diss										
P, 250ml/500ml H_2SO_4 - Total										
P, 250ml/500ml H_2SO_4 - Diss										
P, 250ml/500ml NaOH										
P, 250ml/500ml HNO_3 - Total										
P, 250ml/500ml HNO_3 - Diss										
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC										
P, 2.5L HNO_3										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml $Na_2S_2O_3$										
P, 16oz - Soil/Sludge										
Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml $MeCl_2$										
A, G, 500ml H_2SO_4										
A, G, U, 500ml										
A, G, U, 250ml H_2SO_4										
A, G, U, 250ml										
A, V, 40ml H_2SO_4										
A, V, U, 60ml										
Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl										
C, V, U, 40ml										
C, V, 40ml $Na_2S_2O_3$										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										
Client Supplied										
Description										
P 1000 RAD	2	2	2	2	2	2	2			

1K01448 Rad5

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	02																						X						
2	03R																X				X		X						
3	05DR																			X									
4	05R																			X									
5	07																X	X			X	X	X						
6	08																X	X		X	X	X		X					
7	08D																X	X		X	X	X		X					
8	10	WT	G	4-Nov-25	1335		10	X	X	X	X	X								X				X					
9	12																	X		X		X							
10	13																	X		X		X							
11	18D																X				X			X					
12	18S	WT	G	4-Nov-25	1109		10	X		X	X	X					X				X			X					
13	21R																		X				X		X				
14	22																		X				X		X				
15	22D																		X				X		X				
16	23																		X				X		X				

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Austin Moore	4-Nov-25	1657	Jack Fraley	11/4/25	1657	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: Austin Moore

DATE Signed (MM/DD/YY): 11/04/25

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

IR Gun # 17 Correction Factor (Deg C) -0.2

Observed Temp (Deg C) 2.8 Corrected Temp (Deg C) 2.6

Delivery Method: FedEx UPS Walk-in USPS (Other)

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	27																			X				X		X				
2	32																			X				X		X				
3	34																			X				X		X				
4	35																			X				X		X				
5	40S																				X									
6	45S	WT	G	4-Nov-25	1502		10	X		X	X	X					X					X			X						
7	46																		X				X							
8	47	WT	G	4-Nov-25	1231		5	X		X									X				X							
9	49																			X				X		X				
10	50																			X				X		X				
11	51																			X				X		X				
12	52																		X				X							
13	54																		X				X							
14	SG02																	X	X	X	X	X	X	X	X	X				
15	XSG01																		X				X							
16	Field Blank																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Austin M	4-Nov-25	1657	Sally Kenny	11/4/25	1657	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Austin Moore		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:	Austin M	DATE Signed (MM/DD/YY): 11/04/25				

IR Gun # 17 Correction Factor (Deg C) -0.2

Observed Temp (Deg C) 2.8 Corrected Temp (Deg C) 2.6

Delivery Method: FedEx UPS Walk-in USPS (Other)

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Jason.Stuckey@vistracorp.com Michael.Olle@vistracorp.com Robert.Johnson@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	HEN-257-802	HEN-257-803	HEN-257-804	HEN-811-801	HEN-845-802-805	HEN-845-803	HEN-845-804	HEN-WPCP-East	HEN-WPCP-West	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	455 Dup	WT	G	4-Nov-25	1502		10	X		X	X	X															
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											
13																											
14																											
15																											
16																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
HEN-25Q4 Rev 0	Austin Moore	4-Nov-25	1657	Zoë Kelf	11/4/25	1657	

IR Gun # 17 Correction Factor (Deg C) -0.2

Observed Temp (Deg C) 2.8 Corrected Temp (Deg C) 2.6

Delivery Method: FedEx UPS Walk-in USPS (Other)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Austin Moore

SIGNATURE of SAMPLER: Austin M

DATE Signed (MM/DD/YY): 11/04/25

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 02 **Purge Method:** Dedicated Bladder Pump

Date: 10/29/25 Start Time: 13:24 Finish/Sample Time: 14:13

Well Depth (Bottom) From MP: — ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 45.38 ft Total Purge Volume: 3100 mL

Water Column Length: — ft

Well Water Volume: — L Total Drawdown: 0.0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	13:34	45.38	100	7.18	1072	15.94	128	6.16	0.6
2	13:37	45.38	100	7.08	1043	15.74	126	3.45	0.0
3	13:40	45.38	100	7.04	1021	15.85	122	2.37	0.0
4	13:43	45.38	100	7.02	985	13.99	122	2.13	0.0
5	13:46	45.38	100	7.02	980	13.75	123	2.20	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: —

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
3	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
	General (P,1000mL)
1	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)
1	Unpreserved (P, 250mL)

8

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 45.38 ft

Comments

Sampler's Signature: [signature]

Vistra: Hennepin

WELL/SAMPLE POINT 02 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	13:49	45.38	100	7.01	972	13.73	124	2.15	0.0
7	13:52	45.38	100	6.99	955	13.70	126	2.08	0.0
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 03R **Purge Method:** Dedicated Bladder

Date: 3-Nov-25 Start Time: 1356 Finish/Sample Time: 1433

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 35.56 ft Total Purge Volume: 1800 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1401	35.56	200	7.20	924	17.44	90.5	0.01	2.8
2	1703	35.56	1	7.18	923	17.40	90.1	0.01	3.9
3	1705	35.56	1	7.20	922	17.39	89.3	0.00	3.5
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☑ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
3	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
1	General (P, ~~500~~ mL) 250
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000

10

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 35.56 ft

Comments

Sampler's Signature: [signature]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 05DR **Purge Method:** Compressor

Date: 10/28/25 Start Time: 1320 Finish/Sample Time: 1420

Well Depth (Bottom) From MP: 71.52 ft
Depth to Water From MP: 41.81 ft
Water Column Length: 30.29 ft
Well Water Volume: 18.34 L

Min. Purge Volume: 1000 mL
Total Purge Volume: 2800 mL
0.02
Total Drawdown: ~~41.83~~ ft

APP 10/29/25

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1345	41.83	200	7.52	873	16.58	95.8	0.01	1.8
2	1348	41.83	200	7.50	871	16.62	99.3	0.01	1.7
3	1351	41.83	200	7.50	872	16.61	103.4	0.01	1.6
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: —

Sample Appearance:

Odor: ■ None ☐ Slight ☐ Mod. ☐ Strong

Color ■ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ■ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
1	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
1	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

6

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
1	Ammonia (P,250mL, H2S04)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 41.83 ft

Comments

Sampler's Signature: JBohannan

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 05R **Purge Method:** Compressor

Date: 10/28/25 Start Time: 1202 Finish/Sample Time: 1306

Well Depth (Bottom) From MP: 49.15 ft
Depth to Water From MP: 41.78 ft
Water Column Length: 7.37 ft
Well Water Volume: 4.46 L

Min. Purge Volume: 1000 mL
Total Purge Volume: 2350 mL
Total Drawdown: 0.01 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1229	41.79	150	7.67	872	16.85	168.8	0.00	15.8
2	1230	41.79	150	7.65	872	16.90	168.9	0.00	16.4
3	1230	41.79	150	7.68	872	16.88	169.3	0.00	16.5
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter:

Sample Appearance:

Odor: ■ None ☐ Slight ☐ Mod. ☐ Strong

Color ■ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ■ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
1	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

6

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
1	Ammonia (P,250mL, H2S04)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 41.79 ft

Comments

Sampler's Signature: JShannan

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 07 **Purge Method:** Dedicated bladder pump

Date: 11/05/25 Start Time: 11:37 Finish/Sample Time: 12:20

Well Depth (Bottom) From MP: — ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 68.77 ft Total Purge Volume: ~~2200~~ 3200 mL APP 11/10/25

Water Column Length: — ft

Well Water Volume: — L Total Drawdown: 0.0 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	11:44	68.77	200	7.29	1142	14.28	125	7.64	1.4
2	11:46	68.77	200	7.15	1148	13.61	133	7.19	0.0
3	11:48	68.77	200	7.19	1171	13.26	138	6.66	0.0
4	11:50	68.77	200	7.20	1185	12.98	142	6.38	0.0
5	11:52	68.77	200	7.18	1185	12.91	145	6.22	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: —

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure		X
Well cap fits securely.		X
Good seal/drainage	X	
Well has weep holes		X

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
3	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
1	General (P, ~~500~~ mL) 250mL
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5~~L, HNO3) 1000mL

10

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 68.77 ft

Comments Casing is locked but well cap is broken.

Sampler's Signature: [signature]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 07 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	11:54	68.77	200	7.17	1183	12.89	146	6.02	0.0
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 08 **Purge Method:** portable pump

Date: 11/03/25 Start Time: 13:18 Finish/Sample Time: 14:10

Well Depth (Bottom) From MP: 64.09 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 54.20 ft Total Purge Volume: ~~2200~~ 3200 mL APP 11/10/25

Water Column Length: 9.89 ft

Well Water Volume: 5.99 L Total Drawdown: 0.2 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	13:26	54.22	200	6.78	2126	15.54	117	1.37	69.6
2	13:28	54.22	200	6.75	2116	15.05	114	3.54	31.6
3	13:30	54.22	200	6.74	2110	14.92	109	3.05	15.9
4	13:32	54.22	200	6.73	2105	15.00	104	2.74	6.0
5	13:34	54.22	200	6.73	2105	15.06	102	2.70	5.6
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: ——

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
3	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
1	General (P, ~~500~~ mL) 250mL
1	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL
1	Phenols (A,G 250mL H2SO4)

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Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: ~~54.20~~ ft
54.22 AJW 11/03/25

Comments EB 2 filled here @ 14:36

Sampler's Signature: Indy Nichols

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT **08 (Cont.)**

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	13:36	54.22	200	6.72	2108	15.09	101	2.68	5.7
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: Judy Hutsteiner

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 08D **Purge Method:** Dedicated Bladder

Date: 5-Nov-25 Start Time: 1243 Finish/Sample Time: 1351

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 53.89 ft Total Purge Volume: 2350 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1255	53.89	150	7.01	2025	15.02	118.2	0.04	3.0
2	1258	53.89	1	6.87	2096	14.83	119.8	0.03	4.2
3	1301	53.89	1	6.83	2121	14.78	119.8	0.03	2.3
4	1304	53.89	1	6.79	2120	14.73	119.1	0.03	3.5
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
3	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
1	General (P, ~~500 mL~~) 250mL
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5~~L, HNO3) 1000mL

11

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 53.89 ft

Comments

Sampler's Signature: [signature]

Vistra: Hennepin

WELL/SAMPLE POINT 10 **Purge Method:** Dedicated Bladder

Date: 4-Nov-25 Start Time: 1251 Finish/Sample Time: 1335

Well Depth (Bottom) From MP: N/A ft

Depth to Water From MP: 50.79 ft

Water Column Length: N/A ft

Well Water Volume: N/A L

Min. Purge Volume: 1000 mL

Total Purge Volume: 1800 mL

Total Drawdown: 0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1303	50.79	200	7.01	1011	9.54	119.6	0.04	1.6
2	1305	50.79		7.01	1030	9.60	117.8	0.03	1.4
3	1307	50.79		7.02	1035	9.63	115.9	0.03	1.7
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
3	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
1	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)
1	Phenol (A,G, 250mL, H2SO4)

10

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 50.79 ft

Comments

Sampler's Signature: Austin Zinn

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 12 **Purge Method:** Dedicated Bladder Pump

Date: 10/29/25 Start Time: 9:57 Finish/Sample Time: 11:23

Well Depth (Bottom) From MP: ~~—~~ ft 45 Min. Purge Volume: 1000 mL

Depth to Water From MP: Top of pump ft 51.38 Total Purge Volume: 3100 mL

Water Column Length: ~~—~~ ft

Well Water Volume: ~~—~~ L Total Drawdown: ~~—~~ ft

ADP 10/30/25

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	10:08	Top of pump	100	6.91	924	17.33	179	5.71	2.0
2	10:11	Top of pump	100	7.07	875	17.77	162	4.53	0.0
3	10:14	Top of pump	100	7.15	866	17.97	153	3.58	0.0
4	10:17	Top of pump	100	7.22	862	18.30	140	2.68	0.0
5	10:20	Top of pump	100	7.25	863	18.51	132	2.34	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: ~~—~~

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
1	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL
1	Phenols (A,G 250mL H2SO4

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Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: Top of pump ft

Comments

Sampler's Signature: [signature]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 12 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	10:23	Top of pump	100	7.26	863	18.55	129	2.15	0.0
7	10:26	Top of pump	100	7.25	865	18.59	125	2.12	0.0
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: Katy Wilusten

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 13 **Purge Method:** portable pump

Date: 11/03/25 Start Time: 11:32 Finish/Sample Time: 13:04

Well Depth (Bottom) From MP: 71.27 ft
Depth to Water From MP: 51.82 ft
Water Column Length: 19.45 ft
Well Water Volume: 11.78 L

Min. Purge Volume: 1000 mL
Total Purge Volume: ~~3800~~ 3800 mL APP 11/10/25
Total Drawdown: 0.0 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	12:16	51.82	200	7.48	923	20.18	132	1.21	>1000
2	12:18	51.82	200	7.38	901	19.53	131	1.17	>1000
3	12:20	51.82	200	7.36	901	19.39	129	1.58	>1000
4	12:22	51.82	200	7.34	901	19.34	125	2.09	>1000
5	12:24	51.82	200	7.34	902	19.07	123	1.84	696
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: ~~~~~

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes		X

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL
1	Phenols (A,G 250 mL H2SO4)
1	~~Ammonia (P, 250mL H2SO4)~~

(9)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 51.82 ft

Comments

Sampler's Signature: Andy Hunter

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 13 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	12:26	51.82	200	7.33	903	18.77	113	1.10	378
7	12:28	51.82	200	7.33	903	18.66	107	1.36	287
8	12:30	51.82	200	7.33	904	18.64	104	1.39	271
9	12:32	51.82	200	7.33	903	18.67	102	1.34	265
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 18D **Purge Method:** Dedicated Bladder

Date: 3-Nov-25 Start Time: 1520 Finish/Sample Time: 1605

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 41.40 ft Total Purge Volume: 1800 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0.2 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1526	41.60	200	7.14	972	17.10	86.0	0.02	2.9
2	1528	41.60		7.12	972	17.13	86.5	0.02	3.8
3	1530	41.60		7.16	972	17.17	87.7	0.01	4.3
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
3	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
1	General (P, ~~500~~ mL) 250
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL

10

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 41.60 ft

Comments

Sampler's Signature: [signature]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 18S **Purge Method:** Dedicated Bladder

Date: 4-Nov-25 Start Time: 1022 Finish/Sample Time: 1109

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 40.86 ft Total Purge Volume: 1800 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1036	40.86	200	7.27	913	17.02	139.8	0.03	3.2
2	1038	40.86		7.31	911	16.99	138.2	0.03	2.4
3	1040	40.86		7.34	911	16.92	136.5	0.02	2.2
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
3	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
1	General (P, ~~500~~ mL) 250
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL

10

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 40.86 ft

Comments

Sampler's Signature: [signature]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 21R **Purge Method:** portable pump

Date: 10/28/25 Start Time: 13:54 Finish/Sample Time: 14:28

Well Depth (Bottom) From MP: 49.97 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 6.13 ft Total Purge Volume: 2000 mL

Water Column Length: 43.84 ft

Well Water Volume: 26.55 L Total Drawdown: 0.0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	14:01	6.17	200	7.49	1062	14.12	-149.4	1.42	334
2	14:03	6.17	200	7.48	1080	14.00	-150.4	1.36	329
3	14:04	6.17	200	7.48	1086	13.93	-151.3	1.34	312
4	14:05	6.17	200	7.47	1086	13.90	-151.4	1.33	299
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: —

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☒ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes		X

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL
1	Phenols (A,G 250mL H2SO4)

(7)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 6.13 ft

Comments EB #1 filled here @ 14:35

Sampler's Signature: Lindy Whitsitt

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 22 **Purge Method:** Dedicated Bladder

Date: 3-Nov-25 Start Time: 1244 Finish/Sample Time: 1324

Well Depth (Bottom) From MP: N/A ft
Depth to Water From MP: 18.83 ft
Water Column Length: N/A ft
Well Water Volume: N/A L

Min. Purge Volume: 1000 mL
Total Purge Volume: 1800 mL
Total Drawdown: 0.06 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1251	18.89	200	7.54	1037	16.22	84.9	0.00	6.9
2	1253	18.89	1	7.52	1038	16.17	85.2	0.00	3.6
3	1255	18.89	1	7.51	1038	16.15	85.4	0.00	3.8
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.		✓
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000 mL
1	Phenol (A,G, 250mL, H2SO4)

(7)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 18.89 ft

Comments

Sampler's Signature: [signature]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vista: Hennepin

WELL/SAMPLE POINT 22D **Purge Method:** Dedicated Bladder

Date: 3-Nov-25 Start Time: 1045 Finish/Sample Time: 1210

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 19.54 ft Total Purge Volume: 2600 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0.22 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1108	19.76	200	7.03	1130	15.65	74.7	0.00	5.3
2	1110	19.76		6.87	1135	15.72	61.6	0.00	7.6
3	1112	19.76		6.78	1139	15.85	52.2	0.00	6.6
4	1114	19.76		6.77	1139	15.79	42.6	0.00	6.4
5	1116	19.76	↓	6.77	1140	15.79	42.3	0.00	5.3
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: ~~~~

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1+1	Metals (P,250mL, HNO3)
1+1	Cyanide (P, 250mL, NaOH)
1+1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2+2	Rad (P, ~~2.5L~~, HNO3) 1000 mL
1+1	Phenol (A,G, 250mL, H2SO4)

7

7 Dup

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1+1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 19.76 ft

Comments Dup taken here

Sampler's Signature: Austin M

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 23 **Purge Method:** Dedicated Bladder

Date: 29-Oct-25 Start Time: 1156 Finish/Sample Time: 1249

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 17.18 ft Total Purge Volume: 3400 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0.3 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1206	17.48	200	7.28	1260	13.67	27.3	0.03	3.5
2	1208	17.48	"	7.33	1258	13.56	15.9	0.02	3.1
3	1210	17.48	"	7.36	1257	13.49	4.2	0.01	3.7
4	1212	17.48	"	7.40	1258	13.44	-6.3	0.00	4.3
5	1214	17.48	"	7.41	1256	13.46	-14.5	0.00	3.8
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: ~~~~

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☑ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, 2.5L, HNO3)
1	Phenol (A,G 250mL H2SO4)

7

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 17.48 ft

Comments

Sampler's Signature: Chris M

Vistra: Hennepin

WELL/SAMPLE POINT 23 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	1216	17.48	200	7.42	1255	13.45	-21.0	0.00	3.5
7	1218	17.48	L	7.42	1254	13.43	-24.5	0.00	3.5
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: Austin M

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 27 **Purge Method:** portable pump

Date: 10/28/25 Start Time: 11:28 Finish/Sample Time: 12:47

Well Depth (Bottom) From MP: 37.45 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 4.25 ft Total Purge Volume: 1675 mL

Water Column Length: 33.20 ft

Well Water Volume: 20.11 L Total Drawdown: 0.0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	11:39	4.25	150	7.33	1048	13.62	24.9	6.06	>1000
2	11:41	4.25	150	7.31	1049	13.62	25.2	5.87	>1000
3	11:42	4.25	150	7.30	1050	13.60	25.2	5.79	>1000
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: —

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☐ None ☐ Slight ☐ Mod. ☒ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1 + 1	Metals (P,250mL, HNO3)
1 + 1	Cyanide (P, 250mL, NaOH)
1 + 1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1 + 1	Rad (P, 2.5L, HNO3)
1 + 1	Phenols (A,G 250mL H2SO4)

7 + 7

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1 + 1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 4.25 ft

Comments Field dup.

Sampler's Signature: Abby Intlicka

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 32 **Purge Method:** portable pump

Date: 10/28/25 Start Time: 10:13 Finish/Sample Time: 11:25

Well Depth (Bottom) From MP: 20.27 ft
Depth to Water From MP: 5.11 ft
Water Column Length: 15.16 ft
Well Water Volume: 9.18 L

Min. Purge Volume: 1000 mL
Total Purge Volume: 2500 mL
Total Drawdown: 0.0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	10:30	5.11	100	7.09	1034	11.29	-5.3	2.77	891
2	10:33	5.11	100	7.11	1035	11.45	-10.1	2.64	935
3	10:36	5.11	100	7.12	1035	11.63	-14.2	2.73	898
4	10:39	5.11	100	7.12	1036	11.68	-14.5	2.77	844
5	10:42	5.11	100	7.12	1037	11.71	-15.2	2.77	820
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: —

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong
Color ☐ None ☐ Slight ☒ Mod. ☐ Strong
Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL
1	Phenols (A,G 250mL H2SO4)

7

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 5.11 ft

Comments

Sampler's Signature: [signature]

Vistra: Hennepin

WELL/SAMPLE POINT 34 **Purge Method:** portable pump

Date: 10/28/25 Start Time: 13:08 Finish/Sample Time: 13:48

Well Depth (Bottom) From MP: 36.72 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 8.45 ft Total Purge Volume: 2400 mL

Water Column Length: 28.27 ft

Well Water Volume: 17.12 L Total Drawdown: 0.08 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	13:20	8.53	200	7.12	1296	13.09	-82.5	1.62	190
2	13:21	8.53	200	7.12	1298	13.12	-85.4	1.49	203
3	13:23	8.53	200	7.12	1300	13.06	-88.6	1.37	232
4	13:25	8.53	200	7.12	1301	13.05	-90.1	1.34	240
5	13:24	8.53	200	7.12	1300	13.05	-91.0	1.33	245
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: ——

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☒ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL
1	Phenols (A,G 250mL H2SO4)

7

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 8.53 ft

Comments

Sampler's Signature: Haley L Hutchins

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 35 **Purge Method:** Portable pump

Date: 11/03/25 Start Time: 10:27 Finish/Sample Time: 11:17

Well Depth (Bottom) From MP: 20.19 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 8.48 ft Total Purge Volume: 5400 mL

Water Column Length: 11.71 ft

Well Water Volume: 7.09 L Total Drawdown: 0.0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	10:39	8.53	200	6.55	1776	15.17	109	3.83	243
2	10:41	8.48	200	6.60	1793	15.54	96	2.44	187
3	10:43	8.48	200	6.66	1807	15.81	86	2.50	147
4	10:45	8.48	200	6.72	1874	16.06	72	2.41	131
5	10:47	8.48	200	6.76	1917	16.27	59	2.15	100
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: ---

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes		X

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL
1	Phenols (A,G 250mL H2SO4)

6

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 8.48 ft

Comments

Sampler's Signature: Kristy Hilbrich

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 35 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	10:49	8.48	200	6.77	1919	16.40	55	2.05	82.1
7	10:51	8.48	200	6.77	1915	16.51	52	1.97	51.8
8	10:53	8.48	200	6.78	1903	16.68	50	1.86	47.8
9	10:55	8.48	200	6.79	1942	16.86	50	1.11	29.4
10	10:57	8.48	200	6.78	1953	16.83	50	1.13	28.6
11	10:59	8.48	200	6.79	1948	16.85	50	1.12	27.1
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 40S **Purge Method:** Compressor

Date: 10/28/25 Start Time: 1020 Finish/Sample Time: 1140

Well Depth (Bottom) From MP: 41.04 ft
Depth to Water From MP: 42.67 ft
Water Column Length: 1.63 ft
Well Water Volume: 0.99 L

Min. Purge Volume: 1000 mL
Total Purge Volume: 3100 mL
Total Drawdown: 0.03 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1049	41.05	100	7.60	820	15.68	174.3	0.00	2.1
2	1052	41.06	100	7.78	817	15.89	170.9	0.00	1.3
3	1055	41.06	100	7.83	817	16.11	170.5	0.00	1.3
4	1058	41.07	100	7.84	817	16.24	168.2	0.00	1.2
5	1101	41.07	100	7.84	816	16.30	167.7	0.00	1.3
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: —

Sample Appearance:

Odor: ■ None ☐ Slight ☐ Mod. ☐ Strong
Color ■ None ☐ Slight ☐ Mod. ☐ Strong
Turb: ■ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes		X

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
1	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
1	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

6

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
1	Ammonia (P,250mL, H2S04)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 41.07 ft

Comments

Sampler's Signature: Bohannan

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 40S (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	1104	41.08	100	7.85	816	16.33	167.4	0.00	1.3
7	1107	41.08	100	7.86	817	16.35	166.8	0.00	1.2
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: Bohannan

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 45S **Purge Method:** Dedicated Bladder

Date: 4-Nov-25 Start Time: 1355 Finish/Sample Time: 1502

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 20.54 ft Total Purge Volume: 2200 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0.02 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1404	20.56	200	7.20	1050	18.62	91.6	0.03	2.8
2	1406	20.56		7.18	1023	18.61	94.4	0.02	4.0
3	1408	20.56		7.17	1008	18.59	97.2	0.02	3.7
4	1410	20.56	↓	7.17	1001	18.55	99.1	0.01	2.9
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	/	
Casing locked/secure		
Well cap fits securely.	/	
Good seal/drainage	/	
Well has weep holes	/	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
3+3	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1+1	Metals (P,250mL, HNO3)
1+1	Cyanide (P, 250mL, NaOH)
1+1	General (P,1000mL)
1+1	General (P, ~~500~~ mL) 250
	Ammonia (P, 250mL, H2SO4)
2+2	Rad (P, ~~2.5L~~, HNO3) 1000mL

10

10 Dup

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1+1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 20.56 ft

Comments Dup taken here

Sampler's Signature: Christin M

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 46 **Purge Method:** Dedicated Bladder Pump

Date: 10/29/25 Start Time: 12:00 Finish/Sample Time: 13:17

Well Depth (Bottom) From MP: — ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 51.98 ft Total Purge Volume: 3400 mL

Water Column Length: — ft

Well Water Volume: — L Total Drawdown: 0.0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	12:10	51.98	100	7.15	881	18.51	118	4.90	0.3
2	12:13	51.98	100	7.18	868	18.83	113	3.54	0.0
3	12:16	51.98	100	7.20	867	18.99	108	2.91	0.0
4	12:19	51.98	100	7.21	867	19.08	103	2.32	0.0
5	12:22	51.98	100	7.23	866	19.10	98	2.03	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: —

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL

5

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 51.98 ft

Comments

Sampler's Signature: Abby Hostetler

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 46 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	12:25	51.98	100	7.22	869	19.12	96	1.83	0.0
7	12:28	51.98	100	7.22	869	19.15	92	1.71	0.0
8	12:31	51.98	100	7.29	874	19.12	88	1.67	0.0
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 47 **Purge Method:** Dedicated Bladder

Date: 4-Nov-25 Start Time: 1138 Finish/Sample Time: 1231

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 55.86 ft Total Purge Volume: 1900 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1152	55.86	150	7.08	966	19.28	116.9	0.02	1.5
2	1155	55.86	1	7.06	966	19.33	114.9	0.01	1.2
3	1158	55.86	1	7.06	967	19.37	113.9	0.01	1.4
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000mL

5

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 55.86 ft

Comments

Sampler's Signature: [signature]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 49 **Purge Method:** Dedicated Bladder

Date: 29-Oct-25 Start Time: 1326 Finish/Sample Time: 1411

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 21.89 ft Total Purge Volume: 2600 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1332	21.89	200	7.23	1134	15.17	-17.8	0.04	163
2	1334	21.89		7.18	1136	15.03	6.9	0.03	24
3	1336	21.89		7.16	1136	15.01	20.6	0.02	2.3
4	1338	21.89		7.13	1136	15.05	27.9	0.02	10.9
5	1340	21.89		7.13	1135	15.11	30.3	0.01	5.9
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter:

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, 2.5L, HNO3)
1	Phenols (A,G 250mL) H2SO4)

(7)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 21.89 ft

Comments

Sampler's Signature: Austin M

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 50 **Purge Method:** Dedicated Bladder

Date: 5-Nov-25 Start Time: 1006 Finish/Sample Time: 1050

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 18.57 ft Total Purge Volume: 2600 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0.02 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1013	18.59	200	7.85	850	16.12	136.1	0.02	2.9
2	1015	18.59		7.74	888	16.16	136.4	0.01	2.6
3	1017	18.59		7.63	931	16.14	134.6	0.01	3.3
4	1019	18.59		7.59	954	16.15	131.9	0.00	3.2
5	1021	18.59		7.59	963	16.16	129.5	0.00	1.9
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	/	
Casing locked/secure	/	
Well cap fits securely.	/	
Good seal/drainage	/	
Well has weep holes	/	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5~~L, HNO3) 1000mL
1	Phenol (A,G 250mL, H2SO4)

(7)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 18.59 ft

Comments

Sampler's Signature: Mumm M

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 51 **Purge Method:** dedicated bladder

Date: 29-Oct-25 Start Time: 1019 Finish/Sample Time: 1135

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 18.89 ft Total Purge Volume: 1000 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0.26 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1035	19.15	150	6.61	1151	13.29	66.7	0.02	32.5
2	1037	19.15		6.56	1157	13.28	48.8	0.01	21.2
3	1039	19.15		6.66	1159	13.25	11.6	0.00	14.1
4	1041	19.15		6.74	1159	13.25	-5.5	0.00	13.5
5	1043	19.15		6.82	1159	13.26	-37.1	0.00	10.8
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter:

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, 2.5L, HNO3)
1	Phenol (A,G 250mL, H2SO4)

7

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 19.15 ft

Comments

Sampler's Signature: Annie M

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 51 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	1045	19.15	150	6.90	1161	13.27	-57.6	0.00	10.5
7	1047	19.15		6.96	1159	13.21	-80.9	0.00	10.6
8	1049	19.15		7.03	1164	13.19	-98.5	0.00	10.0
9	1051	19.15		7.09	1164	13.17	-110.3	0.00	9.5
10	1053	19.15		7.14	1164	13.16	-116.7	0.00	9.1
11	1055	19.15		7.17	1164	13.16	-119.1	0.00	9.3
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: [signature]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 52 **Purge Method:** Dedicated Bladder

Date: 5-Nov-25 Start Time: 1118 Finish/Sample Time: 1213

Well Depth (Bottom) From MP: N/A ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 53.65 ft Total Purge Volume: 2350 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: 0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1132	53.65	150	7.01	991	12.16	123.5	0.03	1.3
2	1135	53.65	1	7.01	1000	8.98	121.3	0.03	1.3
3	1138	53.65	1	7.02	1002	9.02	120.2	0.03	1.3
4	1141	53.65	1	7.02	1002	9.05	119.5	0.03	1.1
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☑ None ☐ Slight ☐ Mod. ☐ Strong

Color ☑ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☑ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2	Rad (P, ~~2.5L~~, HNO3) 1000 mL

5

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 53.65 ft

Comments

Sampler's Signature: Amanda M

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 54 **Purge Method:** Dedicated Bladder

Date: 11/5/25 Start Time: 1006 Finish/Sample Time: 1118

Well Depth (Bottom) From MP: _____ ft

Depth to Water From MP: 53.00 ft

Water Column Length: _____ ft

Well Water Volume: _____ L

Min. Purge Volume: 1000 mL

Total Purge Volume: ~~2600~~ 3800 mL App 11/10/25

Total Drawdown: 0.0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1012	53.00	200	7.41	864	17.06	194	7.28	0.0
2	1014	53.00	200	7.35	882	17.30	182	6.36	0.0
3	1016	53.00	200	7.32	900	17.33	173	5.64	0.0
4	1018	53.00	200	7.3~~42~~	937	17.70	162	4.68	0.0
5	1020	53.00	200	7.34	955	18.02	150	3.97	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

App 11/10/25

Field Meter: Hanna

Secondary pH Meter: _____

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1+1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1+1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
2+2	Rad (P, ~~2.5L~~ 1L, HNO3)

5+5

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1+1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 53.00 ft

Comments Field Dup Filled here

Sampler's Signature: _____

for Andrew Weleska

App 11/10/25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Vistra: Hennepin

WELL/SAMPLE POINT 54 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	1022	53.00	200	7.37	960	18.05	138	3.78	0.0
7	1024	53.00	200	7.36	962	18.00	133	3.55	0.0
8	1026	53.00	200	7.37	962	18.03	129	3.51	0.0
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

for Andrew Welesha

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Multiparameter Meter Field Calibration Checklist

Field Personnel:	AJW	Location:	Hennepin
Weather:	Cloudy 44°-55° 7mph Wind NE	Environment:	grassy, overgrown
Multiparameter Water Meter — Make:	Hanna	Model:	HI9829
Serial Number:	09410009101		
Water Level Meter — Make:	Heron	Model:	Dipper-T
Serial Number:	3717-T		

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.03	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	7.04	s.u.	±0.1 s.u.	P	NO	N/A	MSI	025066-02	3/24/2027
pH 10.00a	9.99	s.u.	±0.1 s.u.	P	NO	N/A	MSI	025066-01	3/18/2027
SC Zero (DI)	0.0	µS/cm	0<25 µS/cm	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	2002	µS/cm	±5%	P	NO	N/A	Proactive	5G11693	Sep-26
ORP	238	mV	±15 mV	P	NO	N/A	In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.1	mg/L	±0.1	P	NO	N/A	Thermo-Scientific	10240674	9/1/2026
DO (Saturated)	99.3	%	97-100%	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification) — Time: 7:30

Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	3.98	s.u.	±0.15 s.u.	P	NO	Proactive	5GD0333	Apr-27
pH 7.00b	6.99	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1678	Mar-27
pH 10.00b	10.26	s.u.	±0.15 s.u.	F	YES / 10.07	Proactive	5GC1614	Mar-27
SC 1000	1039	µS/cm	±5%	P	NO	Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification): — Time: 16:20

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.01	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	6.96	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024145-01	5/29/2026
pH 10.00a	9.98	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024072-02	3/21/2026
SC 1000	1031	µS/cm	±5%	P	NO	N/A	Reagents	8405243	Jun-26
DO (Zero pt)	0.1	mg/L	±0.1 mg/L	P	NO	N/A	Thermo-Scientific	10240674	9/1/2026
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: Ashley Wittstock — Date: 10/28/25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Multiparameter Meter Field Calibration Checklist

Field Personnel:	Jordan Bohannon	Location:	Hennepin
Weather:	50°F, Cloudy, 7mph ENE wind	Environment:	Grassy

Multiparameter Water Meter	Make: HANNA	Model: HI 9829	Serial Number:	08080027101	
Water Level Meter	Make: Heron	Model: Dipper T	Serial Number:	19FF2111015HB	

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	3.97	s.u.	±0.1 s.u.	P	No	N/A	MSI	024140-01	5/21/2026
pH 7.00a	6.93	s.u.	±0.1 s.u.				MSI	025066-02	3/24/2027
pH 10.00a	10.05	s.u.	±0.1 s.u.				MSI	025066-01	3/18/2027
SC Zero (DI)	0.00	µS/cm	0<25 µS/cm				Pace Labs	N/A (DI)	N/A (DI)
SC 2000	2071	µS/cm	±5%				Proactive	5G11693	Sep-26
ORP	235	mV	±15 mV				In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.00	mg/L	±0.1				Thermo-Scientific	10240674	9/1/2026
DO (Saturated)	100%	%	97-100%				Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.00	NTU	<2 NTU				Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification) — Time: 0757

Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	4.01	s.u.	±0.15 s.u.	P	None	Proactive	5GD0333	Apr-27
pH 7.00b	7.01	s.u.	±0.15 s.u.			Proactive	5GC1678	Mar-27
pH 10.00b	10.02	s.u.	±0.15 s.u.			Proactive	5GC1614	Mar-27
SC 1000	1030	µS/cm	±5%			Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification): — Time: 1608

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.02	s.u.	±0.1 s.u.	P	No	N/A	MSI	024140-01	5/21/2026
pH 7.00a	7.01	s.u.	±0.1 s.u.				MSI	024145-01	5/29/2026
pH 10.00a	10.02	s.u.	±0.1 s.u.				MSI	024072-02	3/21/2026
SC 1000	1017	µS/cm	±5%				Reagents	8405243	Jun-26
DO (Zero pt)	0.00	mg/L	±0.1 mg/L				Thermo-Scientific	10240674	9/1/2026
Turbidity (DI)	0.00	NTU	<2 NTU				Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: Bohannon — Date: 10/28/25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Multiparameter Meter Field Calibration Checklist

Field Personnel:	Austin Moore	Location:	Hennepin
Weather:	Cloudy 45-57° wind 11mph NE	Environment:	Woods, land 6'16 powerplant

Multiparameter Water Meter	Make: Hanna	Model: HI9829	Serial Number:	08080027101	
Water Level Meter	Make: Herron	Model: Dipper-T	Serial Number:	19FF2202131ML	

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	3.98	s.u.	±0.1 s.u.	P	N	—	MSI	024140-01	5/21/2026
pH 7.00a	7.01	s.u.	±0.1 s.u.	P	N	—	MSI	025066-02	3/24/2027
pH 10.00a	9.96	s.u.	±0.1 s.u.	P	N	—	MSI	025066-01	3/18/2027
SC Zero (DI)	0	µS/cm	0<25 µS/cm	P	N	—	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	2176	µS/cm	±5%	F	Y	2083	Proactive	5G11693	Sep-26
ORP	237.0	mV	±15 mV	P	N	—	In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.00	mg/L	±0.1	P	N	—	Thermo-Scientific	10240674	9/1/2026
DO (Saturated)	97.6	%	97-100%	P	N	—	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.0	NTU	<2 NTU	P	N	—	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification) — Time: 0733

Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	4.01	s.u.	±0.15 s.u.	P	—	Proactive	5GD0333	Apr-27
pH 7.00b	7.02	s.u.	±0.15 s.u.	P	—	Proactive	5GC1678	Mar-27
pH 10.00b	9.91	s.u.	±0.15 s.u.	P	—	Proactive	5GC1614	Mar-27
SC 1000	1188	µS/cm	±5%	F	Y 1042	Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification): — Time: 1627

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	3.92	s.u.	±0.1 s.u.	P	Y	4.05	MSI	024140-01	5/21/2026
pH 7.00a	7.08	s.u.	±0.1 s.u.	P	Y	6.94	MSI	024145-01	5/29/2026
pH 10.00a	9.99	s.u.	±0.1 s.u.	P	N	—	MSI	024072-02	3/21/2026
SC 1000	1135	µS/cm	±5%	F	Y	1035	Reagents	8405243	Jun-26
DO (Zero pt)	0.00	mg/L	±0.1 mg/L	P	N	—	Thermo-Scientific	10240674	9/1/2026
Turbidity (DI)	0.3	NTU	<2 NTU	P	N	—	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: [signature] Date: 29-Oct-25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Multiparameter Meter Field Calibration Checklist

Field Personnel:	AJW	Location:	Hennepin
Weather:	Cloudy 45°57° 14mph Wind NE	Environment:	grassy, overgrown
Multiparameter Water Meter	Make: Hanna	Model: HI9829	Serial Number: 0941000910 1
Water Level Meter	Make: Heron	Model: Dipper-T	Serial Number: 3717-T

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	3.91	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	7.04	s.u.	±0.1 s.u.	P	NO	N/A	MSI	025066-02	3/24/2027
pH 10.00a	10.02	s.u.	±0.1 s.u.	P	NO	N/A	MSI	025066-01	3/18/2027
SC Zero (DI)	0.0	µS/cm	0<25 µS/cm	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	2037	µS/cm	±5%	P	NO	N/A	Proactive	5G11693	Sep-26
ORP	241	mV	±15 mV	P	NO	N/A	In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.1	mg/L	±0.1	P	NO	N/A	Thermo-Scientific	10240674	9/1/2026
DO (Saturated)	99.5	%	97-100%	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification) — Time: 7:30

Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	4.05	s.u.	±0.15 s.u.	P	NO	Proactive	5GD0333	Apr-27
pH 7.00b	7.04	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1678	Mar-27
pH 10.00b	9.98	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1614	Mar-27
SC 1000	1045	µS/cm	±5%	P	NO	Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification): — Time: 15:36

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.02	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	7.06	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024145-01	5/29/2026
pH 10.00a	10.01	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024072-02	3/21/2026
SC 1000	1032	µS/cm	±5%	P	NO	N/A	Reagents	8405243	Jun-26
DO (Zero pt)	0.1	mg/L	±0.1 mg/L	P	NO	N/A	Thermo-Scientific	10240674	9/1/2026
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: Ashley Wilusha — Date: 10/29/25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Multiparameter Meter Field Calibration Checklist

Field Personnel:	AJW	Location:	Hennepin
Weather:	Sunny 42°-46° 10 mph Wind W	Environment:	grassy, overgrown
Multiparameter Water Meter	Make: Hanna	Model: HI9829	Serial Number: 0941000091O1
Water Level Meter	Make: Heron	Model: Dipper-T	Serial Number: 3717-T

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.00	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	6.96	s.u.	±0.1 s.u.	P	NO	N/A	MSI	025066-02	3/24/2027
pH 10.00a	9.99	s.u.	±0.1 s.u.	P	NO	N/A	MSI	025066-01	3/18/2027
SC Zero (DI)	0.0	µS/cm	0<25 µS/cm	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	2021	µS/cm	±5%	P	NO	N/A	Proactive	5G11693	Sep-26
ORP	239	mV	±15 mV	P	NO	N/A	In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.1	mg/L	±0.1	P	NO	N/A	Thermo-Scientific	10240674	9/1/2026
DO (Saturated)	99.3	%	97-100%	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification) Time: 7:46

Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	3.91	s.u.	±0.15 s.u.	P	NO	Proactive	5GD0333	Apr-27
pH 7.00b	6.92	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1678	Mar-27
pH 10.00b	9.93	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1614	Mar-27
SC 1000	1045	µS/cm	±5%	P	NO	Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification): Time: 16:18

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.00	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	6.95	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024145-01	5/29/2026
pH 10.00a	9.97	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024072-02	3/21/2026
SC 1000	1023	µS/cm	±5%	P	NO	N/A	Reagents	8405243	Jun-26
DO (Zero pt)	0.1	mg/L	±0.1 mg/L	P	NO	N/A	Thermo-Scientific	10240674	9/1/2026
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: Andy Schuster Date: 11/03/25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Multiparameter Meter Field Calibration Checklist

Field Personnel:	Austin Moore	Location:	Hennipen
Weather:	Sunny H20-60° Windy 10mph	Environment:	Landfill

Multiparameter Water Meter	Make: Hanna	Model: HI9829	Serial Number:	08088027181	
Water Level Meter	Make: Heron	Model: Dipper-T	Serial Number:	19FF220213(ML	

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.01	s.u.	±0.1 s.u.	P	N	—	MSI	024140-01	5/21/2026
pH 7.00a	6.89	s.u.	±0.1 s.u.	F	Y	7.01	MSI	025066-02	3/24/2027
pH 10.00a	10.02	s.u.	±0.1 s.u.	P	N	—	MSI	025066-01	3/18/2027
SC Zero (DI)	0.0	µS/cm	0<25 µS/cm	P	N	—	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	2602	µS/cm	±5%	F	Y	2085	Proactive	5G11693	Sep-26
ORP	239.6	mV	±15 mV	P	N	—	In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.00	mg/L	±0.1	P	N	—	Thermo-Scientific	10240674	9/1/2026
DO (Saturated)	98.2	%	97-100%	P	N	—	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.1	NTU	<2 NTU	P	N	—	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification) Time: 0750

Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	4.03	s.u.	±0.15 s.u.	P	—	Proactive	5GD0333	Apr-27
pH 7.00b	7.02	s.u.	±0.15 s.u.	P	—	Proactive	5GC1678	Mar-27
pH 10.00b	10.05	s.u.	±0.15 s.u.	P	—	Proactive	5GC1614	Mar-27
SC 1000	1517	µS/cm	±5%	F	Y 1032	Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification): Time: 1725

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.00	s.u.	±0.1 s.u.	P	N	—	MSI	024140-01	5/21/2026
pH 7.00a	6.99	s.u.	±0.1 s.u.	P	N	—	MSI	024145-01	5/29/2026
pH 10.00a	10.02	s.u.	±0.1 s.u.	P	N	—	MSI	024072-02	3/21/2026
SC 1000	1021	µS/cm	±5%	P	N	—	Reagents	8405243	Jun-26
DO (Zero pt)	0.00	mg/L	±0.1 mg/L	P	N	—	Thermo-Scientific	10240674	9/1/2026
Turbidity (DI)	0.3	NTU	<2 NTU	P	N	—	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: Austin M Date: 3-Nov-25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Multiparameter Meter Field Calibration Checklist

Field Personnel:	Austin Moore	Location:	Hennepin
Weather:	66°-70° cloudy wind 11mph SE	Environment:	Landfill
Multiparameter Water Meter — Make:	Hanna	Model:	HI9829
Serial Number:	08080092101		
Water Level Meter — Make:	Heron	Model:	Dipper-T
Serial Number:	19F-F220213(ML		

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	3.76	s.u.	±0.1 s.u.	F	Y	4.01	MSI	024140-01	5/21/2026
pH 7.00a	6.87	s.u.	±0.1 s.u.	F	Y	7.05	MSI	025066-02	3/24/2027
pH 10.00a	9.99	s.u.	±0.1 s.u.	P	Y	9.99	MSI	025066-01	3/18/2027
SC Zero (DI)	375	µS/cm	0<25 µS/cm	F	Y	7	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	1992	µS/cm	±5%	P	N	—	Proactive	5G11693	Sep-26
ORP	240.3	mV	±15 mV	F	N	—	In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.03	mg/L	±0.1	P	N	—	Thermo-Scientific	10240674	9/1/2026
DO (Saturated)	97.2	%	97-100%	P	N	—	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.6	NTU	<2 NTU	P	N	—	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification) — Time: 0732

Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	3.79	s.u.	±0.15 s.u.	F	Y 4.01	Proactive	5GD0333	Apr-27
pH 7.00b	~~7.06~~ 6.96	s.u.	±0.15 s.u.	P	Y 7.01	Proactive	5GC1678	Mar-27
pH 10.00b	9.88	s.u.	±0.15 s.u.	P	Y 10.01	Proactive	5GC1614	Mar-27
SC 1000	1095	µS/cm	±5%	F	Y 1047	Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification): — Time: 1714

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	3.98	s.u.	±0.1 s.u.	P	N	—	MSI	024140-01	5/21/2026
pH 7.00a	7.02	s.u.	±0.1 s.u.	P	N	—	MSI	024145-01	5/29/2026
pH 10.00a	10.09	s.u.	±0.1 s.u.	P	N	—	MSI	024072-02	3/21/2026
SC 1000	1039	µS/cm	±5%	P	N	—	Reagents	8405243	Jun-26
DO (Zero pt)	0.00	mg/L	±0.1 mg/L	P	N	—	Thermo-Scientific	10240674	9/1/2026
Turbidity (DI)	0.2	NTU	<2 NTU	P	N	—	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: [signature] — Date: 4-Nov-25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Multiparameter Meter Field Calibration Checklist

Field Personnel:	Austin Moore	Location:	Hennepin
Weather:	64°-39° Sunny wind 10mph NW	Environment:	Landfill

Multiparameter Water Meter	Make: Hanna	Model: HI9829	Serial Number:	08080027101	
Water Level Meter	Make: Heron	Model: Dipper-T	Serial Number:	19FF220213ML	

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.08	s.u.	±0.1 s.u.	P	N	—	MSI	024140-01	5/21/2026
pH 7.00a	7.00	s.u.	±0.1 s.u.	P	N	—	MSI	025066-02	3/24/2027
pH 10.00a	10.07	s.u.	±0.1 s.u.	P	N	—	MSI	025066-01	3/18/2027
SC Zero (DI)	10	µS/cm	0<25 µS/cm	P	N	—	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	1998	µS/cm	±5%	P	N	—	Proactive	5G11693	Sep-26
ORP	238.1	mV	±15 mV	P	N	—	In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.04	mg/L	±0.1	P	N	—	Thermo-Scientific	10240674	9/1/2026
DO (Saturated)	98.5	%	97-100%	P	N	—	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	1.4	NTU	<2 NTU	P	N	—	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification) Time: 0733

Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	3.98	s.u.	±0.15 s.u.	P	N —	Proactive	5GD0333	Apr-27
pH 7.00b	6.88	s.u.	±0.15 s.u.	P	N —	Proactive	5GC1678	Mar-27
pH 10.00b	9.97	s.u.	±0.15 s.u.	P	N —	Proactive	5GC1614	Mar-27
SC 1000	1112	µS/cm	±5%	F	Y 1012	Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification): Time: 1559

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	3.96	s.u.	±0.1 s.u.	P	N	—	MSI	024140-01	5/21/2026
pH 7.00a	7.04	s.u.	±0.1 s.u.	P	N	—	MSI	024145-01	5/29/2026
pH 10.00a	10.04	s.u.	±0.1 s.u.	P	N	—	MSI	024072-02	3/21/2026
SC 1000	1115	µS/cm	±5%	F	Y	1000	Reagents	8405243	Jun-26
DO (Zero pt)	0.02	mg/L	±0.1 mg/L	P	N	—	Thermo-Scientific	10240674	9/1/2026
Turbidity (DI)	1.2	NTU	<2 NTU	P	N	—	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: Austin M Date: 5-Nov-25

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
HENNEPIN POWER PLANT, WEST ASH POND SYSTEM
HEN-845-804

Multiparameter Meter Field Calibration Checklist

Field Personnel:	AJW	Location:	Hennepin
Weather:	Sunny 53°-62° 12mph WNW	Environment:	grassy, overgrown
Multiparameter Water Meter	Make: Hanna	Model: HI9829	Serial Number: 0941000910 1
Water Level Meter	Make: Heron	Model: Dipper-T	Serial Number: 3717-T

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.08	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	7.03	s.u.	±0.1 s.u.	P	NO	N/A	MSI	025066-02	3/24/2027
pH 10.00a	10.06	s.u.	±0.1 s.u.	P	NO	N/A	MSI	025066-01	3/18/2027
SC Zero (DI)	0.0	µS/cm	0<25 µS/cm	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	2065	µS/cm	±5%	P	NO	N/A	Proactive	5G11693	Sep-26
ORP	242	mV	±15 mV	P	NO	N/A	In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.1	mg/L	±0.1	P	NO	N/A	Thermo-Scientific	10240674	9/1/2026
DO (Saturated)	99.4	%	97-100%	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification) Time: 7:32

Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	4.06	s.u.	±0.15 s.u.	P	NO	Proactive	5GD0333	Apr-27
pH 7.00b	7.01	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1678	Mar-27
pH 10.00b	10.02	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1614	Mar-27
SC 1000	996	µS/cm	±5%	P	NO	Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification): Time: 15:40

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.07	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	7.06	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024145-01	5/29/2026
pH 10.00a	10.01	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024072-02	3/21/2026
SC 1000	1015	µS/cm	±5%	P	NO	N/A	Reagents	8405243	Jun-26
DO (Zero pt)	0.1	mg/L	±0.1 mg/L	P	NO	N/A	Thermo-Scientific	10240674	9/1/2026
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: [signature] Date: 11/05/25

ATTACHMENT C
COMPARISON TO BACKGROUND QUARTER 4, 2025

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
21/21R	UA	E011	Antimony, total	mg/L	12/10/15 - 10/28/25	37	100	All ND - Last	0.003	0.001
21/21R	UA	E011	Arsenic, total	mg/L	12/10/15 - 10/28/25	38	0	CB around linear reg	0.0233	0.001
21/21R	UA	E011	Barium, total	mg/L	12/10/15 - 10/28/25	37	0	CB around linear reg	0.303	0.156
21/21R	UA	E011	Beryllium, total	mg/L	12/10/15 - 10/28/25	37	100	All ND - Last	0.001	0.001
21/21R	UA	E011	Boron, total	mg/L	12/10/15 - 10/28/25	38	0	CB around T-S line	1.4	0.205
21/21R	UA	E011	Cadmium, total	mg/L	12/10/15 - 10/28/25	37	100	All ND - Last	0.001	0.001
21/21R	UA	E011	Chloride, total	mg/L	12/10/15 - 10/28/25	40	0	CB around linear reg	100	108
21/21R	UA	E011	Chromium, total	mg/L	12/10/15 - 10/28/25	37	65	CB around T-S line	0.00229	0.00130
21/21R	UA	E011	Cobalt, total	mg/L	12/10/15 - 10/28/25	37	70	CI around median	0.001	0.00170
21/21R	UA	E011	Fluoride, total	mg/L	12/10/15 - 10/28/25	38	10	CI around median	0.14	0.170
21/21R	UA	E011	Lead, total	mg/L	12/10/15 - 10/28/25	37	46	CI around median	0.001	0.001
21/21R	UA	E011	Lithium, total	mg/L	12/10/15 - 10/28/25	37	3	CB around T-S line	0.0217	0.0140
21/21R	UA	E011	Mercury, total	mg/L	12/10/15 - 10/28/25	37	97	CI around median	0.0002	0.0002
21/21R	UA	E011	Molybdenum, total	mg/L	12/10/15 - 10/28/25	37	3	CI around mean	0.00704	0.00200
21/21R	UA	E011	pH (field)	SU	12/10/15 - 10/28/25	40	0	CI around mean	7.4/7.5	6.7/7.4
21/21R	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 10/28/25	30	0	CI around mean	0.909	2.60
21/21R	UA	E011	Selenium, total	mg/L	12/10/15 - 10/28/25	37	100	All ND - Last	0.001	0.00110
21/21R	UA	E011	Sulfate, total	mg/L	12/10/15 - 10/28/25	40	0	CB around T-S line	30.1	117
21/21R	UA	E011	Thallium, total	mg/L	12/10/15 - 10/28/25	37	100	All ND - Last	0.001	0.001
21/21R	UA	E011	Total Dissolved Solids	mg/L	12/10/15 - 10/28/25	38	0	CB around T-S line	600	830
22	UA	E011	Antimony, total	mg/L	12/10/15 - 11/03/25	40	92	CB around T-S line	0.001	0.001
22	UA	E011	Arsenic, total	mg/L	12/10/15 - 11/03/25	44	75	CI around median	0.001	0.001
22	UA	E011	Barium, total	mg/L	12/10/15 - 11/03/25	40	0	CB around T-S line	0.0521	0.156
22	UA	E011	Beryllium, total	mg/L	12/10/15 - 11/03/25	40	100	All ND - Last	0.001	0.001
22	UA	E011	Boron, total	mg/L	12/10/15 - 11/03/25	45	0	CB around T-S line	2.15	0.205
22	UA	E011	Cadmium, total	mg/L	12/10/15 - 11/03/25	40	2	CI around mean	0.00431	0.001
22	UA	E011	Chloride, total	mg/L	12/10/15 - 11/03/25	47	0	CB around T-S line	92.7	108

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22	UA	E011	Chromium, total	mg/L	12/10/15 - 11/03/25	40	100	All ND - Last	0.004	0.00130
22	UA	E011	Cobalt, total	mg/L	12/10/15 - 11/03/25	40	5	CI around mean	0.0019	0.00170
22	UA	E011	Fluoride, total	mg/L	12/10/15 - 11/03/25	40	8	CI around median	0.15	0.170
22	UA	E011	Lead, total	mg/L	12/10/15 - 11/03/25	40	98	CB around T-S line	0.000924	0.001
22	UA	E011	Lithium, total	mg/L	12/10/15 - 11/03/25	44	0	CB around T-S line	0.0421	0.0140
22	UA	E011	Mercury, total	mg/L	12/10/15 - 11/03/25	38	100	All ND - Last	0.0002	0.0002
22	UA	E011	Molybdenum, total	mg/L	12/10/15 - 11/03/25	44	0	CB around T-S line	0.0363	0.00200
22	UA	E011	pH (field)	SU	12/10/15 - 11/03/25	43	0	CI around median	7.6/7.7	6.7/7.4
22	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 11/03/25	31	0	CI around mean	0.389	2.60
22	UA	E011	Selenium, total	mg/L	12/10/15 - 11/03/25	40	0	CI around geomean	0.0126	0.00110
22	UA	E011	Sulfate, total	mg/L	12/10/15 - 11/03/25	47	0	CB around linear reg	82.5	117
22	UA	E011	Thallium, total	mg/L	12/10/15 - 11/03/25	40	95	CB around T-S line	0.002	0.001
22	UA	E011	Total Dissolved Solids	mg/L	12/10/15 - 11/03/25	47	0	CB around linear reg	565	830
22D	UA	E011	Antimony, total	mg/L	09/17/19 - 11/03/25	24	100	All ND - Last	0.003	0.001
22D	UA	E011	Arsenic, total	mg/L	09/17/19 - 11/03/25	24	29	CB around T-S line	0.000878	0.001
22D	UA	E011	Barium, total	mg/L	09/17/19 - 11/03/25	24	0	CB around T-S line	0.0662	0.156
22D	UA	E011	Beryllium, total	mg/L	09/17/19 - 11/03/25	23	100	All ND - Last	0.001	0.001
22D	UA	E011	Boron, total	mg/L	09/17/19 - 11/03/25	24	0	CB around T-S line	0.974	0.205
22D	UA	E011	Cadmium, total	mg/L	09/17/19 - 11/03/25	24	100	All ND - Last	0.001	0.001
22D	UA	E011	Chloride, total	mg/L	09/17/19 - 11/03/25	24	0	CI around mean	92.6	108
22D	UA	E011	Chromium, total	mg/L	09/17/19 - 11/03/25	24	92	CB around T-S line	0.0015	0.00130
22D	UA	E011	Cobalt, total	mg/L	09/17/19 - 11/03/25	24	96	CI around median	0.001	0.00170
22D	UA	E011	Fluoride, total	mg/L	09/17/19 - 11/03/25	24	12	CI around median	0.11	0.170
22D	UA	E011	Lead, total	mg/L	09/17/19 - 11/03/25	24	92	CB around T-S line	0.000279	0.001
22D	UA	E011	Lithium, total	mg/L	09/17/19 - 11/03/25	24	4	CI around mean	0.0147	0.0140
22D	UA	E011	Mercury, total	mg/L	12/11/19 - 11/03/25	23	100	All ND - Last	0.0002	0.0002
22D	UA	E011	Molybdenum, total	mg/L	09/17/19 - 11/03/25	24	4	CB around T-S line	0.00536	0.00200

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22D	UA	E011	pH (field)	SU	09/17/19 - 11/03/25	27	0	CI around median	7.2/7.3	6.7/7.4
22D	UA	E011	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 11/03/25	21	0	CI around mean	0.936	2.60
22D	UA	E011	Selenium, total	mg/L	09/17/19 - 11/03/25	24	100	All ND - Last	0.001	0.00110
22D	UA	E011	Sulfate, total	mg/L	09/17/19 - 11/03/25	24	0	CB around linear reg	81.3	117
22D	UA	E011	Thallium, total	mg/L	09/17/19 - 11/03/25	24	100	All ND - Last	0.001	0.001
22D	UA	E011	Total Dissolved Solids	mg/L	09/17/19 - 11/03/25	24	0	CI around mean	610	830
23	UA	E011	Antimony, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.003	0.001
23	UA	E011	Arsenic, total	mg/L	12/10/15 - 10/29/25	44	91	CI around median	0.001	0.001
23	UA	E011	Barium, total	mg/L	12/10/15 - 10/29/25	40	0	CB around T-S line	0.0372	0.156
23	UA	E011	Beryllium, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.001	0.001
23	UA	E011	Boron, total	mg/L	12/10/15 - 10/29/25	45	0	CB around T-S line	8.36	0.205
23	UA	E011	Cadmium, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.001	0.001
23	UA	E011	Chloride, total	mg/L	12/10/15 - 10/29/25	47	0	CB around linear reg	52.7	108
23	UA	E011	Chromium, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.004	0.00130
23	UA	E011	Cobalt, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.002	0.00170
23	UA	E011	Fluoride, total	mg/L	12/10/15 - 10/29/25	40	8	CI around median	0.15	0.170
23	UA	E011	Lead, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.001	0.001
23	UA	E011	Lithium, total	mg/L	12/10/15 - 10/29/25	44	16	CI around median	0.005	0.0140
23	UA	E011	Mercury, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.0002	0.0002
23	UA	E011	Molybdenum, total	mg/L	12/10/15 - 10/29/25	44	0	CI around median	0.0146	0.00200
23	UA	E011	pH (field)	SU	12/10/15 - 10/29/25	42	0	CI around mean	7.4/7.5	6.7/7.4
23	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 10/29/25	31	0	CI around mean	0.263	2.60
23	UA	E011	Selenium, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.001	0.00110
23	UA	E011	Sulfate, total	mg/L	12/10/15 - 10/29/25	47	0	CI around median	420	117
23	UA	E011	Thallium, total	mg/L	12/10/15 - 10/29/25	40	100	All ND - Last	0.001	0.001
23	UA	E011	Total Dissolved Solids	mg/L	12/10/15 - 10/29/25	47	0	CI around mean	884	830
24/51	UA	E011	Antimony, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.003	0.001

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
24/51	UA	E011	Arsenic, total	mg/L	12/10/15 - 10/29/25	43	0	CI around mean	0.0204	0.001
24/51	UA	E011	Barium, total	mg/L	12/10/15 - 10/29/25	38	0	CB around T-S line	0.107	0.156
24/51	UA	E011	Beryllium, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.001	0.001
24/51	UA	E011	Boron, total	mg/L	12/10/15 - 10/29/25	43	0	CB around linear reg	1.03	0.205
24/51	UA	E011	Cadmium, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.001	0.001
24/51	UA	E011	Chloride, total	mg/L	12/10/15 - 10/29/25	45	0	CB around linear reg	106	108
24/51	UA	E011	Chromium, total	mg/L	12/10/15 - 10/29/25	38	79	CB around T-S line	0.00187	0.00130
24/51	UA	E011	Cobalt, total	mg/L	12/10/15 - 10/29/25	38	76	CI around median	0.001	0.00170
24/51	UA	E011	Fluoride, total	mg/L	12/10/15 - 10/29/25	38	8	CI around median	0.14	0.170
24/51	UA	E011	Lead, total	mg/L	12/10/15 - 10/29/25	38	60	CI around median	0.001	0.001
24/51	UA	E011	Lithium, total	mg/L	12/10/15 - 10/29/25	42	0	CB around T-S line	0.0235	0.0140
24/51	UA	E011	Mercury, total	mg/L	12/10/15 - 10/29/25	37	100	All ND - Last	0.0002	0.0002
24/51	UA	E011	Molybdenum, total	mg/L	12/10/15 - 10/29/25	42	2	CB around linear reg	0.00703	0.00200
24/51	UA	E011	pH (field)	SU	12/10/15 - 10/29/25	40	0	CB around linear reg	7.2/7.4	6.7/7.4
24/51	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 10/29/25	30	0	CB around T-S line	1.1	2.60
24/51	UA	E011	Selenium, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.001	0.00110
24/51	UA	E011	Sulfate, total	mg/L	12/10/15 - 10/29/25	45	0	CB around linear reg	73.3	117
24/51	UA	E011	Thallium, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.001	0.001
24/51	UA	E011	Total Dissolved Solids	mg/L	12/10/15 - 10/29/25	45	0	CI around mean	621	830
27	UA	E011	Antimony, total	mg/L	09/12/18 - 10/28/25	27	100	All ND - Last	0.003	0.001
27	UA	E011	Arsenic, total	mg/L	09/12/18 - 10/28/25	27	48	CI around median	0.001	0.001
27	UA	E011	Barium, total	mg/L	09/12/18 - 10/28/25	27	0	CI around median	0.0838	0.156
27	UA	E011	Beryllium, total	mg/L	09/12/18 - 10/28/25	27	100	All ND - Last	0.001	0.001
27	UA	E011	Boron, total	mg/L	09/12/18 - 10/28/25	27	0	CB around linear reg	1.5	0.205
27	UA	E011	Cadmium, total	mg/L	09/12/18 - 10/28/25	27	93	CI around median	0.0005	0.001
27	UA	E011	Chloride, total	mg/L	03/08/16 - 10/28/25	32	0	CB around linear reg	97.4	108
27	UA	E011	Chromium, total	mg/L	09/12/18 - 10/28/25	27	78	CB around T-S line	0.0015	0.00130

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
27	UA	E011	Cobalt, total	mg/L	09/12/18 - 10/28/25	27	0	CI around mean	0.00197	0.00170
27	UA	E011	Fluoride, total	mg/L	09/12/18 - 10/28/25	27	7	CI around median	0.12	0.170
27	UA	E011	Lead, total	mg/L	09/12/18 - 10/28/25	27	44	CI around median	0.001	0.001
27	UA	E011	Lithium, total	mg/L	09/12/18 - 10/28/25	27	0	CI around mean	0.0217	0.0140
27	UA	E011	Mercury, total	mg/L	09/12/18 - 10/28/25	27	100	All ND - Last	0.0002	0.0002
27	UA	E011	Molybdenum, total	mg/L	09/12/18 - 10/28/25	27	37	CI around median	0.0044	0.00200
27	UA	E011	pH (field)	SU	03/08/16 - 10/28/25	32	0	CI around mean	7.1/7.2	6.7/7.4
27	UA	E011	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 10/28/25	21	0	CI around geomean	0.277	2.60
27	UA	E011	Selenium, total	mg/L	09/12/18 - 10/28/25	27	100	All ND - Last	0.001	0.00110
27	UA	E011	Sulfate, total	mg/L	03/08/16 - 10/28/25	32	0	CB around linear reg	88.9	117
27	UA	E011	Thallium, total	mg/L	09/12/18 - 10/28/25	27	100	All ND - Last	0.001	0.001
27	UA	E011	Total Dissolved Solids	mg/L	03/08/16 - 10/28/25	32	0	CI around median	642	830
35	UA	E011	Antimony, total	mg/L	12/09/15 - 11/03/25	39	100	All ND - Last	0.003	0.001
35	UA	E011	Arsenic, total	mg/L	12/09/15 - 11/03/25	39	77	CI around median	0.001	0.001
35	UA	E011	Barium, total	mg/L	12/09/15 - 11/03/25	39	0	CI around mean	0.0421	0.156
35	UA	E011	Beryllium, total	mg/L	12/09/15 - 11/03/25	39	100	All ND - Last	0.001	0.001
35	UA	E011	Boron, total	mg/L	12/09/15 - 11/03/25	40	0	CB around linear reg	11.4	0.205
35	UA	E011	Cadmium, total	mg/L	12/09/15 - 11/03/25	39	100	All ND - Last	0.001	0.001
35	UA	E011	Chloride, total	mg/L	12/09/15 - 11/03/25	40	0	CB around T-S line	13.2	108
35	UA	E011	Chromium, total	mg/L	12/09/15 - 11/03/25	39	97	CB around T-S line	0.00183	0.00130
35	UA	E011	Cobalt, total	mg/L	12/09/15 - 11/03/25	39	41	CI around median	0.001	0.00170
35	UA	E011	Fluoride, total	mg/L	12/09/15 - 11/03/25	40	5	CI around median	0.17	0.170
35	UA	E011	Lead, total	mg/L	12/09/15 - 11/03/25	39	92	CB around T-S line	0.000693	0.001
35	UA	E011	Lithium, total	mg/L	12/09/15 - 11/03/25	39	3	CI around mean	0.0235	0.0140
35	UA	E011	Mercury, total	mg/L	12/09/15 - 11/03/25	38	100	All ND - Last	0.0002	0.0002
35	UA	E011	Molybdenum, total	mg/L	12/09/15 - 11/03/25	39	0	CB around linear reg	0.0503	0.00200
35	UA	E011	pH (field)	SU	12/09/15 - 11/03/25	40	0	CB around linear reg	6.7/6.9	6.7/7.4

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
35	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 11/03/25	32	0	CI around median	0.353	2.60
35	UA	E011	Selenium, total	mg/L	12/09/15 - 11/03/25	39	100	All ND - Last	0.001	0.00110
35	UA	E011	Sulfate, total	mg/L	12/09/15 - 11/03/25	40	0	CB around linear reg	699	117
35	UA	E011	Thallium, total	mg/L	12/09/15 - 11/03/25	39	100	All ND - Last	0.001	0.001
35	UA	E011	Total Dissolved Solids	mg/L	12/09/15 - 11/03/25	40	0	CB around linear reg	1,310	830
49	UA	E011	Antimony, total	mg/L	12/10/15 - 10/29/25	39	100	All ND - Last	0.003	0.001
49	UA	E011	Arsenic, total	mg/L	12/10/15 - 10/29/25	39	97	CI around median	0.001	0.001
49	UA	E011	Barium, total	mg/L	12/10/15 - 10/29/25	39	0	CB around T-S line	0.0615	0.156
49	UA	E011	Beryllium, total	mg/L	12/10/15 - 10/29/25	39	100	All ND - Last	0.001	0.001
49	UA	E011	Boron, total	mg/L	12/10/15 - 10/29/25	40	0	CB around linear reg	0.397	0.205
49	UA	E011	Cadmium, total	mg/L	12/10/15 - 10/29/25	39	23	CI around geomean	0.00106	0.001
49	UA	E011	Chloride, total	mg/L	12/10/15 - 10/29/25	40	0	CI around median	100	108
49	UA	E011	Chromium, total	mg/L	12/10/15 - 10/29/25	39	97	CB around T-S line	0.0015	0.00130
49	UA	E011	Cobalt, total	mg/L	12/10/15 - 10/29/25	39	0	CI around mean	0.00403	0.00170
49	UA	E011	Fluoride, total	mg/L	12/10/15 - 10/29/25	40	5	CI around median	0.15	0.170
49	UA	E011	Lead, total	mg/L	12/10/15 - 10/29/25	39	92	CI around median	0.001	0.001
49	UA	E011	Lithium, total	mg/L	12/10/15 - 10/29/25	39	3	CI around median	0.0238	0.0140
49	UA	E011	Mercury, total	mg/L	12/10/15 - 10/29/25	38	100	All ND - Last	0.0002	0.0002
49	UA	E011	Molybdenum, total	mg/L	12/10/15 - 10/29/25	39	0	CB around T-S line	0.0165	0.00200
49	UA	E011	pH (field)	SU	12/10/15 - 10/29/25	41	0	CI around mean	7.1/7.2	6.7/7.4
49	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 10/29/25	32	0	CI around mean	0.348	2.60
49	UA	E011	Selenium, total	mg/L	12/10/15 - 10/29/25	39	100	All ND - Last	0.001	0.00110
49	UA	E011	Sulfate, total	mg/L	12/10/15 - 10/29/25	40	0	CB around linear reg	67.8	117
49	UA	E011	Thallium, total	mg/L	12/10/15 - 10/29/25	39	100	All ND - Last	0.001	0.001
49	UA	E011	Total Dissolved Solids	mg/L	12/10/15 - 10/29/25	40	0	CB around linear reg	573	830
50	UA	E011	Antimony, total	mg/L	09/17/19 - 11/05/25	24	100	All ND - Last	0.003	0.001
50	UA	E011	Arsenic, total	mg/L	09/17/19 - 11/05/25	24	92	CI around median	0.001	0.001

ATTACHMENT C.
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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
50	UA	E011	Barium, total	mg/L	09/17/19 - 11/05/25	24	0	CB around linear reg	0.0614	0.156
50	UA	E011	Beryllium, total	mg/L	09/17/19 - 11/05/25	23	100	All ND - Last	0.001	0.001
50	UA	E011	Boron, total	mg/L	09/17/19 - 11/05/25	24	0	CI around median	0.732	0.205
50	UA	E011	Cadmium, total	mg/L	09/17/19 - 11/05/25	24	4	CI around median	0.0012	0.001
50	UA	E011	Chloride, total	mg/L	09/17/19 - 11/05/25	24	0	CI around mean	86.2	108
50	UA	E011	Chromium, total	mg/L	09/17/19 - 11/05/25	24	100	All ND - Last	0.004	0.00130
50	UA	E011	Cobalt, total	mg/L	09/17/19 - 11/05/25	24	0	CI around mean	0.00391	0.00170
50	UA	E011	Fluoride, total	mg/L	09/17/19 - 11/05/25	24	21	CB around T-S line	0.125	0.170
50	UA	E011	Lead, total	mg/L	09/17/19 - 11/05/25	24	96	CB around T-S line	0.000285	0.001
50	UA	E011	Lithium, total	mg/L	09/17/19 - 11/05/25	24	0	CB around T-S line	0.0241	0.0140
50	UA	E011	Mercury, total	mg/L	12/11/19 - 11/05/25	23	100	All ND - Last	0.0002	0.0002
50	UA	E011	Molybdenum, total	mg/L	09/17/19 - 11/05/25	24	0	CB around T-S line	0.0384	0.00200
50	UA	E011	pH (field)	SU	09/17/19 - 11/05/25	27	0	CB around linear reg	7.4/7.7	6.7/7.4
50	UA	E011	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 11/05/25	20	0	CI around mean	0.603	2.60
50	UA	E011	Selenium, total	mg/L	09/17/19 - 11/05/25	24	100	All ND - Last	0.001	0.00110
50	UA	E011	Sulfate, total	mg/L	09/17/19 - 11/05/25	24	0	CI around mean	93.4	117
50	UA	E011	Thallium, total	mg/L	09/17/19 - 11/05/25	24	100	All ND - Last	0.001	0.001
50	UA	E011	Total Dissolved Solids	mg/L	09/17/19 - 11/05/25	24	0	CI around mean	595	830

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Notes:

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

Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) as part of Dynegy Midwest Generation, LLC's (DMG's) operating permit application for the West Ash Pond System. 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:

E011 = Quarter 4, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

mg/L = milligrams per liter
ND = non-detect
pCi/L = picocuries per liter
SU = standard units
Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:

All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown.
CB around linear reg = Confidence band around linear regression
CB around T-S line = Confidence band around Thiel-Sen line
CI around geomean = Confidence interval around the geometric mean
CI around mean = Confidence interval around the mean
CI around median = Confidence interval around the median

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

NR[1] = Parameter not analyzed.
NR[2] = Data has been rejected following data quality review.
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