

Kincaid Generation, LLC
1500 Eastport Plaza Drive
Collinsville, IL 62234

August 18, 2025

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

Re: Kincaid Power Plant Ash Pond; IEPA ID # W0218140002-01

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Kincaid Generation, LLC is submitting groundwater monitoring data for the Quarter 2, 2025 sampling event at the Kincaid Power Plant Ash Pond, identified by Illinois Environmental Protection Agency (IEPA) ID No. W0218140002-01. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ of the GWPS.

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

A Corrective Measures Assessment (CMA) for the Ash Pond was initiated on December 13, 2023, completed, and submitted to IEPA on May 12, 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 Ash Pond. The selected remedy meets the performance standards of 35 I.A.C. § 845.670(d). A public meeting was held on February 27, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d), and a Corrective Action Plan was submitted to IEPA by May 12, 2025. Once implemented and completed, the selected remedy will attain the GWPSs.

Sincerely,



Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 2, 2025, Ash Pond, Kincaid Power Plant, Kincaid, 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 Kincaid Generation, LLC's operating permit application for Kincaid Power Plant Ash Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Kincaid Generation, LLC has not identified any actual exceedances.

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

August 18, 2025

Samples were collected and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on June 19, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 2, 2025 sampling event. Monitoring wells MW-8S and MW-27 went dry during purging and did not recover sufficiently to yield adequate volume for samples; therefore, groundwater samples were not collected for this sampling event. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 2, 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, constituent concentrations observed at compliance monitoring wells in Quarter 2, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

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

TABLES

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

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

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

¹ Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Kincaid Generation, LLC’s operating permit application for Kincaid Power Plant Ash Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Kincaid Generation, LLC has not identified any actual exceedances.

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

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-1	Background	E009	05/19/2025	Antimony, total	0.0004 U	mg/L
MW-1	Background	E009	05/19/2025	Arsenic, total	0.0004 U	mg/L
MW-1	Background	E009	05/19/2025	Barium, total	0.0544	mg/L
MW-1	Background	E009	05/19/2025	Beryllium, total	0.0002 U	mg/L
MW-1	Background	E009	05/19/2025	Boron, total	0.280	mg/L
MW-1	Background	E009	05/19/2025	Cadmium, total	0.0002 U	mg/L
MW-1	Background	E009	05/19/2025	Calcium, total	60.7	mg/L
MW-1	Background	E009	05/19/2025	Chloride, total	15.4	mg/L
MW-1	Background	E009	05/19/2025	Chromium, total	0.0007 U	mg/L
MW-1	Background	E009	05/19/2025	Cobalt, total	0.0001 J	mg/L
MW-1	Background	E009	05/19/2025	Dissolved Oxygen	2.39	mg/L
MW-1	Background	E009	05/19/2025	Fluoride, total	0.2 J	mg/L
MW-1	Background	E009	05/19/2025	Lead, total	0.0006 U	mg/L
MW-1	Background	E009	05/19/2025	Lithium, total	0.0017 J	mg/L
MW-1	Background	E009	05/19/2025	Mercury, total	0.00006 U	mg/L
MW-1	Background	E009	05/19/2025	Molybdenum, total	0.0006 U	mg/L
MW-1	Background	E009	05/19/2025	Oxidation Reduction Potential	76.0	mV
MW-1	Background	E009	05/19/2025	pH (field)	6.2	SU
MW-1	Background	E009	05/19/2025	Radium 226 + Radium 228, total	0.497	pCi/L
MW-1	Background	E009	05/19/2025	Selenium, total	0.0006 U	mg/L
MW-1	Background	E009	05/19/2025	Specific Conductance @ 25C (field)	549	micromhos/cm
MW-1	Background	E009	05/19/2025	Sulfate, total	84.4	mg/L
MW-1	Background	E009	05/19/2025	Temperature	14.0	degrees C
MW-1	Background	E009	05/19/2025	Thallium, total	0.001 U	mg/L
MW-1	Background	E009	05/19/2025	Total Dissolved Solids	354	mg/L
MW-1	Background	E009	05/19/2025	Turbidity, field	3.60	NTU
MW-2	Background	E009	05/19/2025	Antimony, total	0.0004 U	mg/L
MW-2	Background	E009	05/19/2025	Arsenic, total	0.00150	mg/L
MW-2	Background	E009	05/19/2025	Barium, total	0.138	mg/L
MW-2	Background	E009	05/19/2025	Beryllium, total	0.0002 U	mg/L
MW-2	Background	E009	05/19/2025	Boron, total	0.0621	mg/L
MW-2	Background	E009	05/19/2025	Cadmium, total	0.0002 U	mg/L
MW-2	Background	E009	05/19/2025	Calcium, total	101	mg/L
MW-2	Background	E009	05/19/2025	Chloride, total	16.1	mg/L
MW-2	Background	E009	05/19/2025	Chromium, total	0.0011 J	mg/L
MW-2	Background	E009	05/19/2025	Cobalt, total	0.0002 J	mg/L
MW-2	Background	E009	05/19/2025	Dissolved Oxygen	0.340	mg/L
MW-2	Background	E009	05/19/2025	Fluoride, total	0.510	mg/L
MW-2	Background	E009	05/19/2025	Lead, total	0.0006 U	mg/L
MW-2	Background	E009	05/19/2025	Lithium, total	0.00590	mg/L
MW-2	Background	E009	05/19/2025	Mercury, total	0.00006 U	mg/L
MW-2	Background	E009	05/19/2025	Molybdenum, total	0.00460	mg/L
MW-2	Background	E009	05/19/2025	Oxidation Reduction Potential	58.0	mV
MW-2	Background	E009	05/19/2025	pH (field)	7.1	SU
MW-2	Background	E009	05/19/2025	Radium 226 + Radium 228, total	0.46	pCi/L
MW-2	Background	E009	05/19/2025	Selenium, total	0.0006 U	mg/L

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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-2	Background	E009	05/19/2025	Specific Conductance @ 25C (field)	744	micromhos/cm
MW-2	Background	E009	05/19/2025	Sulfate, total	140	mg/L
MW-2	Background	E009	05/19/2025	Temperature	13.6	degrees C
MW-2	Background	E009	05/19/2025	Thallium, total	0.001 U	mg/L
MW-2	Background	E009	05/19/2025	Total Dissolved Solids	522	mg/L
MW-2	Background	E009	05/19/2025	Turbidity, field	17.0	NTU
MW-3	Compliance	E009	05/20/2025	Antimony, total	0.0004 U	mg/L
MW-3	Compliance	E009	05/20/2025	Arsenic, total	0.0004 U	mg/L
MW-3	Compliance	E009	05/20/2025	Barium, total	0.0430	mg/L
MW-3	Compliance	E009	05/20/2025	Beryllium, total	0.0002 U	mg/L
MW-3	Compliance	E009	05/20/2025	Boron, total	1.49	mg/L
MW-3	Compliance	E009	05/20/2025	Cadmium, total	0.0002 U	mg/L
MW-3	Compliance	E009	05/20/2025	Calcium, total	97.7	mg/L
MW-3	Compliance	E009	05/20/2025	Chloride, total	30.7	mg/L
MW-3	Compliance	E009	05/20/2025	Chromium, total	0.0007 U	mg/L
MW-3	Compliance	E009	05/20/2025	Cobalt, total	0.0006 J	mg/L
MW-3	Compliance	E009	05/20/2025	Dissolved Oxygen	0.330	mg/L
MW-3	Compliance	E009	05/20/2025	Fluoride, total	0.26 J	mg/L
MW-3	Compliance	E009	05/20/2025	Lead, total	0.0006 U	mg/L
MW-3	Compliance	E009	05/20/2025	Lithium, total	0.0017 J	mg/L
MW-3	Compliance	E009	05/20/2025	Mercury, total	0.00006 U	mg/L
MW-3	Compliance	E009	05/20/2025	Molybdenum, total	0.0006 U	mg/L
MW-3	Compliance	E009	05/20/2025	Oxidation Reduction Potential	201	mV
MW-3	Compliance	E009	05/20/2025	pH (field)	6.7	SU
MW-3	Compliance	E009	05/20/2025	Radium 226 + Radium 228, total	0.311	pCi/L
MW-3	Compliance	E009	05/20/2025	Selenium, total	0.0006 U	mg/L
MW-3	Compliance	E009	05/20/2025	Specific Conductance @ 25C (field)	820	micromhos/cm
MW-3	Compliance	E009	05/20/2025	Sulfate, total	133	mg/L
MW-3	Compliance	E009	05/20/2025	Temperature	13.8	degrees C
MW-3	Compliance	E009	05/20/2025	Thallium, total	0.001 U	mg/L
MW-3	Compliance	E009	05/20/2025	Total Dissolved Solids	608	mg/L
MW-3	Compliance	E009	05/20/2025	Turbidity, field	4.40	NTU
MW-5	Compliance	E009	05/20/2025	Antimony, total	0.0004 U	mg/L
MW-5	Compliance	E009	05/20/2025	Arsenic, total	0.0006 J	mg/L
MW-5	Compliance	E009	05/20/2025	Barium, total	0.161	mg/L
MW-5	Compliance	E009	05/20/2025	Beryllium, total	0.0002 U	mg/L
MW-5	Compliance	E009	05/20/2025	Boron, total	0.530	mg/L
MW-5	Compliance	E009	05/20/2025	Cadmium, total	0.0002 U	mg/L
MW-5	Compliance	E009	05/20/2025	Calcium, total	170	mg/L
MW-5	Compliance	E009	05/20/2025	Chloride, total	44.5	mg/L
MW-5	Compliance	E009	05/20/2025	Chromium, total	0.0007 U	mg/L
MW-5	Compliance	E009	05/20/2025	Cobalt, total	0.0005 J	mg/L
MW-5	Compliance	E009	05/20/2025	Dissolved Oxygen	0.640	mg/L
MW-5	Compliance	E009	05/20/2025	Fluoride, total	0.15 J	mg/L
MW-5	Compliance	E009	05/20/2025	Lead, total	0.0006 U	mg/L
MW-5	Compliance	E009	05/20/2025	Lithium, total	0.0027 J	mg/L

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MW-5	Compliance	E009	05/20/2025	Mercury, total	0.00006 U	mg/L
MW-5	Compliance	E009	05/20/2025	Molybdenum, total	0.0008 J	mg/L
MW-5	Compliance	E009	05/20/2025	Oxidation Reduction Potential	148	mV
MW-5	Compliance	E009	05/20/2025	pH (field)	6.5	SU
MW-5	Compliance	E009	05/20/2025	Radium 226 + Radium 228, total	0.14	pCi/L
MW-5	Compliance	E009	05/20/2025	Selenium, total	0.0006 U	mg/L
MW-5	Compliance	E009	05/20/2025	Specific Conductance @ 25C (field)	1,150	micromhos/cm
MW-5	Compliance	E009	05/20/2025	Sulfate, total	10.4	mg/L
MW-5	Compliance	E009	05/20/2025	Temperature	15.0	degrees C
MW-5	Compliance	E009	05/20/2025	Thallium, total	0.001 U	mg/L
MW-5	Compliance	E009	05/20/2025	Total Dissolved Solids	814	mg/L
MW-5	Compliance	E009	05/20/2025	Turbidity, field	2.20	NTU
MW-6	Compliance	E009	05/19/2025	Antimony, total	0.0004 U	mg/L
MW-6	Compliance	E009	05/19/2025	Arsenic, total	0.0004 U	mg/L
MW-6	Compliance	E009	05/19/2025	Barium, total	0.0478	mg/L
MW-6	Compliance	E009	05/19/2025	Beryllium, total	0.0002 U	mg/L
MW-6	Compliance	E009	05/19/2025	Boron, total	1.26	mg/L
MW-6	Compliance	E009	05/19/2025	Cadmium, total	0.0002 U	mg/L
MW-6	Compliance	E009	05/19/2025	Calcium, total	93.8	mg/L
MW-6	Compliance	E009	05/19/2025	Chloride, total	2.8 J	mg/L
MW-6	Compliance	E009	05/19/2025	Chromium, total	0.00180	mg/L
MW-6	Compliance	E009	05/19/2025	Cobalt, total	0.0001 J	mg/L
MW-6	Compliance	E009	05/19/2025	Dissolved Oxygen	5.27	mg/L
MW-6	Compliance	E009	05/19/2025	Fluoride, total	0.23 J	mg/L
MW-6	Compliance	E009	05/19/2025	Lead, total	0.0006 U	mg/L
MW-6	Compliance	E009	05/19/2025	Lithium, total	0.0015 U	mg/L
MW-6	Compliance	E009	05/19/2025	Mercury, total	0.00006 U	mg/L
MW-6	Compliance	E009	05/19/2025	Molybdenum, total	0.0006 U	mg/L
MW-6	Compliance	E009	05/19/2025	Oxidation Reduction Potential	123	mV
MW-6	Compliance	E009	05/19/2025	pH (field)	6.5	SU
MW-6	Compliance	E009	05/19/2025	Radium 226 + Radium 228, total	0.593	pCi/L
MW-6	Compliance	E009	05/19/2025	Selenium, total	0.00140	mg/L
MW-6	Compliance	E009	05/19/2025	Specific Conductance @ 25C (field)	669	micromhos/cm
MW-6	Compliance	E009	05/19/2025	Sulfate, total	124	mg/L
MW-6	Compliance	E009	05/19/2025	Temperature	13.7	degrees C
MW-6	Compliance	E009	05/19/2025	Thallium, total	0.001 U	mg/L
MW-6	Compliance	E009	05/19/2025	Total Dissolved Solids	486	mg/L
MW-6	Compliance	E009	05/19/2025	Turbidity, field	5.60	NTU
MW-7	Compliance	E009	05/19/2025	Antimony, total	0.0004 U	mg/L
MW-7	Compliance	E009	05/19/2025	Arsenic, total	0.00250	mg/L
MW-7	Compliance	E009	05/19/2025	Barium, total	0.0617	mg/L
MW-7	Compliance	E009	05/19/2025	Beryllium, total	0.0002 U	mg/L
MW-7	Compliance	E009	05/19/2025	Boron, total	0.307	mg/L
MW-7	Compliance	E009	05/19/2025	Cadmium, total	0.0002 U	mg/L
MW-7	Compliance	E009	05/19/2025	Calcium, total	129	mg/L
MW-7	Compliance	E009	05/19/2025	Chloride, total	2.4 J	mg/L

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845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-7	Compliance	E009	05/19/2025	Chromium, total	0.0007 U	mg/L
MW-7	Compliance	E009	05/19/2025	Cobalt, total	0.00480	mg/L
MW-7	Compliance	E009	05/19/2025	Dissolved Oxygen	0.180	mg/L
MW-7	Compliance	E009	05/19/2025	Fluoride, total	0.3 J	mg/L
MW-7	Compliance	E009	05/19/2025	Lead, total	0.0006 U	mg/L
MW-7	Compliance	E009	05/19/2025	Lithium, total	0.00340	mg/L
MW-7	Compliance	E009	05/19/2025	Mercury, total	0.00006 U	mg/L
MW-7	Compliance	E009	05/19/2025	Molybdenum, total	0.00880	mg/L
MW-7	Compliance	E009	05/19/2025	Oxidation Reduction Potential	-105	mV
MW-7	Compliance	E009	05/19/2025	pH (field)	7.1	SU
MW-7	Compliance	E009	05/19/2025	Radium 226 + Radium 228, total	1.03	pCi/L
MW-7	Compliance	E009	05/19/2025	Selenium, total	0.0006 U	mg/L
MW-7	Compliance	E009	05/19/2025	Specific Conductance @ 25C (field)	868	micromhos/cm
MW-7	Compliance	E009	05/19/2025	Sulfate, total	196	mg/L
MW-7	Compliance	E009	05/19/2025	Temperature	13.1	degrees C
MW-7	Compliance	E009	05/19/2025	Thallium, total	0.001 U	mg/L
MW-7	Compliance	E009	05/19/2025	Total Dissolved Solids	282	mg/L
MW-7	Compliance	E009	05/19/2025	Turbidity, field	2.00	NTU
MW-7S	Compliance	E009	05/19/2025	Antimony, total	0.0004 U	mg/L
MW-7S	Compliance	E009	05/19/2025	Arsenic, total	0.0114	mg/L
MW-7S	Compliance	E009	05/19/2025	Barium, total	0.0409	mg/L
MW-7S	Compliance	E009	05/19/2025	Beryllium, total	0.0002 U	mg/L
MW-7S	Compliance	E009	05/19/2025	Boron, total	5.54	mg/L
MW-7S	Compliance	E009	05/19/2025	Cadmium, total	0.0002 U	mg/L
MW-7S	Compliance	E009	05/19/2025	Calcium, total	183	mg/L
MW-7S	Compliance	E009	05/19/2025	Chloride, total	6.60	mg/L
MW-7S	Compliance	E009	05/19/2025	Chromium, total	0.0007 J	mg/L
MW-7S	Compliance	E009	05/19/2025	Cobalt, total	0.00130	mg/L
MW-7S	Compliance	E009	05/19/2025	Dissolved Oxygen	2.34	mg/L
MW-7S	Compliance	E009	05/19/2025	Fluoride, total	0.33 J	mg/L
MW-7S	Compliance	E009	05/19/2025	Lead, total	0.0006 U	mg/L
MW-7S	Compliance	E009	05/19/2025	Lithium, total	0.0015 U	mg/L
MW-7S	Compliance	E009	05/19/2025	Mercury, total	0.00006 U	mg/L
MW-7S	Compliance	E009	05/19/2025	Molybdenum, total	0.00180	mg/L
MW-7S	Compliance	E009	05/19/2025	Oxidation Reduction Potential	90.0	mV
MW-7S	Compliance	E009	05/19/2025	pH (field)	6.6	SU
MW-7S	Compliance	E009	05/19/2025	Radium 226 + Radium 228, total	0.784	pCi/L
MW-7S	Compliance	E009	05/19/2025	Selenium, total	0.0006 U	mg/L
MW-7S	Compliance	E009	05/19/2025	Specific Conductance @ 25C (field)	1,600	micromhos/cm
MW-7S	Compliance	E009	05/19/2025	Sulfate, total	499	mg/L
MW-7S	Compliance	E009	05/19/2025	Temperature	16.4	degrees C
MW-7S	Compliance	E009	05/19/2025	Thallium, total	0.001 U	mg/L
MW-7S	Compliance	E009	05/19/2025	Total Dissolved Solids	232	mg/L
MW-7S	Compliance	E009	05/19/2025	Turbidity, field	5.60	NTU
MW-8	Compliance	E009	05/19/2025	Antimony, total	0.0004 U	mg/L
MW-8	Compliance	E009	05/19/2025	Arsenic, total	0.0004 U	mg/L

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KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-8	Compliance	E009	05/19/2025	Barium, total	0.0186	mg/L
MW-8	Compliance	E009	05/19/2025	Beryllium, total	0.0002 U	mg/L
MW-8	Compliance	E009	05/19/2025	Boron, total	0.886	mg/L
MW-8	Compliance	E009	05/19/2025	Cadmium, total	0.0002 U	mg/L
MW-8	Compliance	E009	05/19/2025	Calcium, total	152	mg/L
MW-8	Compliance	E009	05/19/2025	Chloride, total	19.1	mg/L
MW-8	Compliance	E009	05/19/2025	Chromium, total	0.00510	mg/L
MW-8	Compliance	E009	05/19/2025	Cobalt, total	0.00100	mg/L
MW-8	Compliance	E009	05/19/2025	Dissolved Oxygen	0.270	mg/L
MW-8	Compliance	E009	05/19/2025	Fluoride, total	0.24 J	mg/L
MW-8	Compliance	E009	05/19/2025	Lead, total	0.0006 U	mg/L
MW-8	Compliance	E009	05/19/2025	Lithium, total	0.0019 J	mg/L
MW-8	Compliance	E009	05/19/2025	Mercury, total	0.00006 U	mg/L
MW-8	Compliance	E009	05/19/2025	Molybdenum, total	0.0006 U	mg/L
MW-8	Compliance	E009	05/19/2025	Oxidation Reduction Potential	168	mV
MW-8	Compliance	E009	05/19/2025	pH (field)	6.5	SU
MW-8	Compliance	E009	05/19/2025	Radium 226 + Radium 228, total	0	pCi/L
MW-8	Compliance	E009	05/19/2025	Selenium, total	0.0006 U	mg/L
MW-8	Compliance	E009	05/19/2025	Specific Conductance @ 25C (field)	1,110	micromhos/cm
MW-8	Compliance	E009	05/19/2025	Sulfate, total	206	mg/L
MW-8	Compliance	E009	05/19/2025	Temperature	14.4	degrees C
MW-8	Compliance	E009	05/19/2025	Thallium, total	0.001 U	mg/L
MW-8	Compliance	E009	05/19/2025	Total Dissolved Solids	838	mg/L
MW-8	Compliance	E009	05/19/2025	Turbidity, field	1.00	NTU
MW-8S	Compliance	E009	--	Antimony, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Arsenic, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Barium, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Beryllium, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Boron, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Cadmium, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Calcium, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Chloride, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Chromium, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Cobalt, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Dissolved Oxygen	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Fluoride, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Lead, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Lithium, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Mercury, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Molybdenum, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Oxidation Reduction Potential	NS ⁷	mV
MW-8S	Compliance	E009	--	pH (field)	NS ⁷	SU
MW-8S	Compliance	E009	--	Radium 226 + Radium 228, total	NS ⁷	pCi/L
MW-8S	Compliance	E009	--	Selenium, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Specific Conductance @ 25C (field)	NS ⁷	micromhos/cm
MW-8S	Compliance	E009	--	Sulfate, total	NS ⁷	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-8S	Compliance	E009	--	Temperature	NS ⁷	degrees C
MW-8S	Compliance	E009	--	Thallium, total	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Total Dissolved Solids	NS ⁷	mg/L
MW-8S	Compliance	E009	--	Turbidity, field	NS ⁷	NTU
MW-11	Compliance	E009	05/20/2025	Antimony, total	0.0004 U	mg/L
MW-11	Compliance	E009	05/20/2025	Arsenic, total	0.0009 J	mg/L
MW-11	Compliance	E009	05/20/2025	Barium, total	0.121	mg/L
MW-11	Compliance	E009	05/20/2025	Beryllium, total	0.0002 U	mg/L
MW-11	Compliance	E009	05/20/2025	Boron, total	1.35	mg/L
MW-11	Compliance	E009	05/20/2025	Cadmium, total	0.0002 U	mg/L
MW-11	Compliance	E009	05/20/2025	Calcium, total	118	mg/L
MW-11	Compliance	E009	05/20/2025	Chloride, total	32.1	mg/L
MW-11	Compliance	E009	05/20/2025	Chromium, total	0.0013 J	mg/L
MW-11	Compliance	E009	05/20/2025	Cobalt, total	0.00140	mg/L
MW-11	Compliance	E009	05/20/2025	Dissolved Oxygen	1.05	mg/L
MW-11	Compliance	E009	05/20/2025	Fluoride, total	0.500	mg/L
MW-11	Compliance	E009	05/20/2025	Lead, total	0.0006 U	mg/L
MW-11	Compliance	E009	05/20/2025	Lithium, total	0.0026 J	mg/L
MW-11	Compliance	E009	05/20/2025	Mercury, total	0.00006 U	mg/L
MW-11	Compliance	E009	05/20/2025	Molybdenum, total	0.00210	mg/L
MW-11	Compliance	E009	05/20/2025	Oxidation Reduction Potential	155	mV
MW-11	Compliance	E009	05/20/2025	pH (field)	6.8	SU
MW-11	Compliance	E009	05/20/2025	Radium 226 + Radium 228, total	0.711	pCi/L
MW-11	Compliance	E009	05/20/2025	Selenium, total	0.00140	mg/L
MW-11	Compliance	E009	05/20/2025	Specific Conductance @ 25C (field)	868	micromhos/cm
MW-11	Compliance	E009	05/20/2025	Sulfate, total	109	mg/L
MW-11	Compliance	E009	05/20/2025	Temperature	15.9	degrees C
MW-11	Compliance	E009	05/20/2025	Thallium, total	0.001 U	mg/L
MW-11	Compliance	E009	05/20/2025	Total Dissolved Solids	640	mg/L
MW-11	Compliance	E009	05/20/2025	Turbidity, field	20.0	NTU
MW-12	Compliance	E009	05/19/2025	Antimony, total	0.0004 U	mg/L
MW-12	Compliance	E009	05/19/2025	Arsenic, total	0.0005 J	mg/L
MW-12	Compliance	E009	05/19/2025	Barium, total	0.0806	mg/L
MW-12	Compliance	E009	05/19/2025	Beryllium, total	0.0002 U	mg/L
MW-12	Compliance	E009	05/19/2025	Boron, total	3.28	mg/L
MW-12	Compliance	E009	05/19/2025	Cadmium, total	0.0002 U	mg/L
MW-12	Compliance	E009	05/19/2025	Calcium, total	204	mg/L
MW-12	Compliance	E009	05/19/2025	Chloride, total	28.6	mg/L
MW-12	Compliance	E009	05/19/2025	Chromium, total	0.0012 J	mg/L
MW-12	Compliance	E009	05/19/2025	Cobalt, total	0.0002 J	mg/L
MW-12	Compliance	E009	05/19/2025	Dissolved Oxygen	0.290	mg/L
MW-12	Compliance	E009	05/19/2025	Fluoride, total	0.23 J	mg/L
MW-12	Compliance	E009	05/19/2025	Lead, total	0.0006 U	mg/L
MW-12	Compliance	E009	05/19/2025	Lithium, total	0.00940	mg/L
MW-12	Compliance	E009	05/19/2025	Mercury, total	0.00006 U	mg/L
MW-12	Compliance	E009	05/19/2025	Molybdenum, total	0.001 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-12	Compliance	E009	05/19/2025	Oxidation Reduction Potential	-31.0	mV
MW-12	Compliance	E009	05/19/2025	pH (field)	6.8	SU
MW-12	Compliance	E009	05/19/2025	Radium 226 + Radium 228, total	1.16	pCi/L
MW-12	Compliance	E009	05/19/2025	Selenium, total	0.0006 U	mg/L
MW-12	Compliance	E009	05/19/2025	Specific Conductance @ 25C (field)	1,330	micromhos/cm
MW-12	Compliance	E009	05/19/2025	Sulfate, total	365	mg/L
MW-12	Compliance	E009	05/19/2025	Temperature	14.1	degrees C
MW-12	Compliance	E009	05/19/2025	Thallium, total	0.001 U	mg/L
MW-12	Compliance	E009	05/19/2025	Total Dissolved Solids	1,170	mg/L
MW-12	Compliance	E009	05/19/2025	Turbidity, field	130	NTU
MW-20	Compliance	E009	05/20/2025	Antimony, total	0.0004 U	mg/L
MW-20	Compliance	E009	05/20/2025	Arsenic, total	0.0004 U	mg/L
MW-20	Compliance	E009	05/20/2025	Barium, total	0.0870	mg/L
MW-20	Compliance	E009	05/20/2025	Beryllium, total	0.0002 U	mg/L
MW-20	Compliance	E009	05/20/2025	Boron, total	0.716	mg/L
MW-20	Compliance	E009	05/20/2025	Cadmium, total	0.0002 U	mg/L
MW-20	Compliance	E009	05/20/2025	Calcium, total	132	mg/L
MW-20	Compliance	E009	05/20/2025	Chloride, total	20.8	mg/L
MW-20	Compliance	E009	05/20/2025	Chromium, total	0.0007 U	mg/L
MW-20	Compliance	E009	05/20/2025	Cobalt, total	0.0001 J	mg/L
MW-20	Compliance	E009	05/20/2025	Dissolved Oxygen	0.410	mg/L
MW-20	Compliance	E009	05/20/2025	Fluoride, total	0.3 J	mg/L
MW-20	Compliance	E009	05/20/2025	Lead, total	0.0006 U	mg/L
MW-20	Compliance	E009	05/20/2025	Lithium, total	0.00390	mg/L
MW-20	Compliance	E009	05/20/2025	Mercury, total	0.00006 U	mg/L
MW-20	Compliance	E009	05/20/2025	Molybdenum, total	0.00210	mg/L
MW-20	Compliance	E009	05/20/2025	Oxidation Reduction Potential	161	mV
MW-20	Compliance	E009	05/20/2025	pH (field)	6.7	SU
MW-20	Compliance	E009	05/20/2025	Radium 226 + Radium 228, total	0.371	pCi/L
MW-20	Compliance	E009	05/20/2025	Selenium, total	0.0006 U	mg/L
MW-20	Compliance	E009	05/20/2025	Specific Conductance @ 25C (field)	920	micromhos/cm
MW-20	Compliance	E009	05/20/2025	Sulfate, total	167	mg/L
MW-20	Compliance	E009	05/20/2025	Temperature	13.5	degrees C
MW-20	Compliance	E009	05/20/2025	Thallium, total	0.001 U	mg/L
MW-20	Compliance	E009	05/20/2025	Total Dissolved Solids	744	mg/L
MW-20	Compliance	E009	05/20/2025	Turbidity, field	13.0	NTU
MW-20S	Compliance	E009	05/20/2025	Antimony, total	0.0004 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Arsenic, total	0.0004 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Barium, total	0.0307	mg/L
MW-20S	Compliance	E009	05/20/2025	Beryllium, total	0.0002 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Boron, total	1.63	mg/L
MW-20S	Compliance	E009	05/20/2025	Cadmium, total	0.0002 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Calcium, total	177	mg/L
MW-20S	Compliance	E009	05/20/2025	Chloride, total	18.7	mg/L
MW-20S	Compliance	E009	05/20/2025	Chromium, total	0.0007 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Cobalt, total	0.0002 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-20S	Compliance	E009	05/20/2025	Dissolved Oxygen	2.33	mg/L
MW-20S	Compliance	E009	05/20/2025	Fluoride, total	0.1 J	mg/L
MW-20S	Compliance	E009	05/20/2025	Lead, total	0.0006 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Lithium, total	0.0015 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Mercury, total	0.00006 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Molybdenum, total	0.0006 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Oxidation Reduction Potential	87.0	mV
MW-20S	Compliance	E009	05/20/2025	pH (field)	6.5	SU
MW-20S	Compliance	E009	05/20/2025	Radium 226 + Radium 228, total	0.072	pCi/L
MW-20S	Compliance	E009	05/20/2025	Selenium, total	0.0006 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Specific Conductance @ 25C (field)	1,310	micromhos/cm
MW-20S	Compliance	E009	05/20/2025	Sulfate, total	303	mg/L
MW-20S	Compliance	E009	05/20/2025	Temperature	15.7	degrees C
MW-20S	Compliance	E009	05/20/2025	Thallium, total	0.001 U	mg/L
MW-20S	Compliance	E009	05/20/2025	Total Dissolved Solids	960	mg/L
MW-20S	Compliance	E009	05/20/2025	Turbidity, field	170	NTU
MW-23	Compliance	E009	05/20/2025	Antimony, total	0.0004 U	mg/L
MW-23	Compliance	E009	05/20/2025	Arsenic, total	0.00100	mg/L
MW-23	Compliance	E009	05/20/2025	Barium, total	0.0917	mg/L
MW-23	Compliance	E009	05/20/2025	Beryllium, total	0.0002 U	mg/L
MW-23	Compliance	E009	05/20/2025	Boron, total	2.09	mg/L
MW-23	Compliance	E009	05/20/2025	Cadmium, total	0.0002 U	mg/L
MW-23	Compliance	E009	05/20/2025	Calcium, total	112	mg/L
MW-23	Compliance	E009	05/20/2025	Chloride, total	23.9	mg/L
MW-23	Compliance	E009	05/20/2025	Chromium, total	0.0007 U	mg/L
MW-23	Compliance	E009	05/20/2025	Cobalt, total	0.00110	mg/L
MW-23	Compliance	E009	05/20/2025	Dissolved Oxygen	1.16	mg/L
MW-23	Compliance	E009	05/20/2025	Fluoride, total	0.34 J	mg/L
MW-23	Compliance	E009	05/20/2025	Lead, total	0.0006 U	mg/L
MW-23	Compliance	E009	05/20/2025	Lithium, total	0.0015 U	mg/L
MW-23	Compliance	E009	05/20/2025	Mercury, total	0.00006 U	mg/L
MW-23	Compliance	E009	05/20/2025	Molybdenum, total	0.0011 J	mg/L
MW-23	Compliance	E009	05/20/2025	Oxidation Reduction Potential	132	mV
MW-23	Compliance	E009	05/20/2025	pH (field)	6.7	SU
MW-23	Compliance	E009	05/20/2025	Radium 226 + Radium 228, total	0.418	pCi/L
MW-23	Compliance	E009	05/20/2025	Selenium, total	0.0006 U	mg/L
MW-23	Compliance	E009	05/20/2025	Specific Conductance @ 25C (field)	867	micromhos/cm
MW-23	Compliance	E009	05/20/2025	Sulfate, total	48.1	mg/L
MW-23	Compliance	E009	05/20/2025	Temperature	14.1	degrees C
MW-23	Compliance	E009	05/20/2025	Thallium, total	0.001 U	mg/L
MW-23	Compliance	E009	05/20/2025	Total Dissolved Solids	606	mg/L
MW-23	Compliance	E009	05/20/2025	Turbidity, field	1.80	NTU
MW-27	Compliance	E009	--	Antimony, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Arsenic, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Barium, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Beryllium, total	NS ⁷	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-27	Compliance	E009	--	Boron, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Cadmium, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Calcium, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Chloride, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Chromium, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Cobalt, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Dissolved Oxygen	NS ⁷	mg/L
MW-27	Compliance	E009	--	Fluoride, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Lead, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Lithium, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Mercury, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Molybdenum, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Oxidation Reduction Potential	NS ⁷	mV
MW-27	Compliance	E009	--	pH (field)	NS ⁷	SU
MW-27	Compliance	E009	--	Radium 226 + Radium 228, total	NS ⁷	pCi/L
MW-27	Compliance	E009	--	Selenium, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Specific Conductance @ 25C (field)	NS ⁷	micromhos/cm
MW-27	Compliance	E009	--	Sulfate, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Temperature	NS ⁷	degrees C
MW-27	Compliance	E009	--	Thallium, total	NS ⁷	mg/L
MW-27	Compliance	E009	--	Total Dissolved Solids	NS ⁷	mg/L
MW-27	Compliance	E009	--	Turbidity, field	NS ⁷	NTU
MW-28	Compliance	E009	05/19/2025	Antimony, total	0.0004 U	mg/L
MW-28	Compliance	E009	05/19/2025	Arsenic, total	0.0004 U	mg/L
MW-28	Compliance	E009	05/19/2025	Barium, total	0.0310	mg/L
MW-28	Compliance	E009	05/19/2025	Beryllium, total	0.0002 U	mg/L
MW-28	Compliance	E009	05/19/2025	Boron, total	9.03	mg/L
MW-28	Compliance	E009	05/19/2025	Cadmium, total	0.0002 U	mg/L
MW-28	Compliance	E009	05/19/2025	Calcium, total	283	mg/L
MW-28	Compliance	E009	05/19/2025	Chloride, total	8.31	mg/L
MW-28	Compliance	E009	05/19/2025	Chromium, total	0.0007 U	mg/L
MW-28	Compliance	E009	05/19/2025	Cobalt, total	0.0006 J	mg/L
MW-28	Compliance	E009	05/19/2025	Dissolved Oxygen	0.230	mg/L
MW-28	Compliance	E009	05/19/2025	Fluoride, total	0.14 J	mg/L
MW-28	Compliance	E009	05/19/2025	Lead, total	0.0006 U	mg/L
MW-28	Compliance	E009	05/19/2025	Lithium, total	0.00710	mg/L
MW-28	Compliance	E009	05/19/2025	Mercury, total	0.00006 U	mg/L
MW-28	Compliance	E009	05/19/2025	Molybdenum, total	0.0006 U	mg/L
MW-28	Compliance	E009	05/19/2025	Oxidation Reduction Potential	155	mV
MW-28	Compliance	E009	05/19/2025	pH (field)	6.7	SU
MW-28	Compliance	E009	05/19/2025	Radium 226 + Radium 228, total	0.204	pCi/L
MW-28	Compliance	E009	05/19/2025	Selenium, total	0.0006 U	mg/L
MW-28	Compliance	E009	05/19/2025	Specific Conductance @ 25C (field)	1,960	micromhos/cm
MW-28	Compliance	E009	05/19/2025	Sulfate, total	981	mg/L
MW-28	Compliance	E009	05/19/2025	Temperature	15.2	degrees C
MW-28	Compliance	E009	05/19/2025	Thallium, total	0.001 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-28	Compliance	E009	05/19/2025	Total Dissolved Solids	1,900	mg/L
MW-28	Compliance	E009	05/19/2025	Turbidity, field	3.60	NTU
MW-30	Compliance	E009	05/20/2025	Antimony, total	0.0004 U	mg/L
MW-30	Compliance	E009	05/20/2025	Arsenic, total	0.00390	mg/L
MW-30	Compliance	E009	05/20/2025	Barium, total	0.151	mg/L
MW-30	Compliance	E009	05/20/2025	Beryllium, total	0.0002 U	mg/L
MW-30	Compliance	E009	05/20/2025	Boron, total	1.11	mg/L
MW-30	Compliance	E009	05/20/2025	Cadmium, total	0.0002 U	mg/L
MW-30	Compliance	E009	05/20/2025	Calcium, total	109	mg/L
MW-30	Compliance	E009	05/20/2025	Chloride, total	36.4	mg/L
MW-30	Compliance	E009	05/20/2025	Chromium, total	0.0007 U	mg/L
MW-30	Compliance	E009	05/20/2025	Cobalt, total	0.00220	mg/L
MW-30	Compliance	E009	05/20/2025	Dissolved Oxygen	2.09	mg/L
MW-30	Compliance	E009	05/20/2025	Fluoride, total	0.31 J	mg/L
MW-30	Compliance	E009	05/20/2025	Lead, total	0.0006 U	mg/L
MW-30	Compliance	E009	05/20/2025	Lithium, total	0.0015 U	mg/L
MW-30	Compliance	E009	05/20/2025	Mercury, total	0.00006 U	mg/L
MW-30	Compliance	E009	05/20/2025	Molybdenum, total	0.001 J	mg/L
MW-30	Compliance	E009	05/20/2025	Oxidation Reduction Potential	47.0	mV
MW-30	Compliance	E009	05/20/2025	pH (field)	6.4	SU
MW-30	Compliance	E009	05/20/2025	Radium 226 + Radium 228, total	0.105	pCi/L
MW-30	Compliance	E009	05/20/2025	Selenium, total	0.0006 U	mg/L
MW-30	Compliance	E009	05/20/2025	Specific Conductance @ 25C (field)	1,090	micromhos/cm
MW-30	Compliance	E009	05/20/2025	Sulfate, total	1.7 J	mg/L
MW-30	Compliance	E009	05/20/2025	Temperature	15.4	degrees C
MW-30	Compliance	E009	05/20/2025	Thallium, total	0.001 U	mg/L
MW-30	Compliance	E009	05/20/2025	Total Dissolved Solids	625	mg/L
MW-30	Compliance	E009	05/20/2025	Turbidity, field	8.70	NTU
MW-31	Compliance	E009	05/20/2025	Antimony, total	0.0004 U	mg/L
MW-31	Compliance	E009	05/20/2025	Arsenic, total	0.00160	mg/L
MW-31	Compliance	E009	05/20/2025	Barium, total	0.259	mg/L
MW-31	Compliance	E009	05/20/2025	Beryllium, total	0.0002 U	mg/L
MW-31	Compliance	E009	05/20/2025	Boron, total	0.321	mg/L
MW-31	Compliance	E009	05/20/2025	Cadmium, total	0.0002 U	mg/L
MW-31	Compliance	E009	05/20/2025	Calcium, total	139	mg/L
MW-31	Compliance	E009	05/20/2025	Chloride, total	47.7	mg/L
MW-31	Compliance	E009	05/20/2025	Chromium, total	0.0007 U	mg/L
MW-31	Compliance	E009	05/20/2025	Cobalt, total	0.0006 J	mg/L
MW-31	Compliance	E009	05/20/2025	Dissolved Oxygen	2.02	mg/L
MW-31	Compliance	E009	05/20/2025	Fluoride, total	0.11 J	mg/L
MW-31	Compliance	E009	05/20/2025	Lead, total	0.0006 U	mg/L
MW-31	Compliance	E009	05/20/2025	Lithium, total	0.00600	mg/L
MW-31	Compliance	E009	05/20/2025	Mercury, total	0.00006 U	mg/L
MW-31	Compliance	E009	05/20/2025	Molybdenum, total	0.0006 U	mg/L
MW-31	Compliance	E009	05/20/2025	Oxidation Reduction Potential	64.0	mV
MW-31	Compliance	E009	05/20/2025	pH (field)	6.4	SU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-31	Compliance	E009	05/20/2025	Radium 226 + Radium 228, total	0.517	pCi/L
MW-31	Compliance	E009	05/20/2025	Selenium, total	0.0006 U	mg/L
MW-31	Compliance	E009	05/20/2025	Specific Conductance @ 25C (field)	1,160	micromhos/cm
MW-31	Compliance	E009	05/20/2025	Sulfate, total	0.99 U	mg/L
MW-31	Compliance	E009	05/20/2025	Temperature	15.2	degrees C
MW-31	Compliance	E009	05/20/2025	Thallium, total	0.001 U	mg/L
MW-31	Compliance	E009	05/20/2025	Total Dissolved Solids	725	mg/L
MW-31	Compliance	E009	05/20/2025	Turbidity, field	4.80	NTU
MW-31S	Compliance	E009	05/19/2025	Antimony, total	0.0004 U	mg/L
MW-31S	Compliance	E009	05/19/2025	Arsenic, total	0.0338	mg/L
MW-31S	Compliance	E009	05/19/2025	Barium, total	0.358	mg/L
MW-31S	Compliance	E009	05/19/2025	Beryllium, total	0.0002 U	mg/L
MW-31S	Compliance	E009	05/19/2025	Boron, total	0.0724	mg/L
MW-31S	Compliance	E009	05/19/2025	Cadmium, total	0.0002 U	mg/L
MW-31S	Compliance	E009	05/19/2025	Calcium, total	174	mg/L
MW-31S	Compliance	E009	05/19/2025	Chloride, total	9.89	mg/L
MW-31S	Compliance	E009	05/19/2025	Chromium, total	0.0007 J	mg/L
MW-31S	Compliance	E009	05/19/2025	Cobalt, total	0.00290	mg/L
MW-31S	Compliance	E009	05/19/2025	Dissolved Oxygen	2.46	mg/L
MW-31S	Compliance	E009	05/19/2025	Fluoride, total	0.32 J	mg/L
MW-31S	Compliance	E009	05/19/2025	Lead, total	0.0006 U	mg/L
MW-31S	Compliance	E009	05/19/2025	Lithium, total	0.0015 U	mg/L
MW-31S	Compliance	E009	05/19/2025	Mercury, total	0.00006 U	mg/L
MW-31S	Compliance	E009	05/19/2025	Molybdenum, total	0.0009 J	mg/L
MW-31S	Compliance	E009	05/19/2025	Oxidation Reduction Potential	59.0	mV
MW-31S	Compliance	E009	05/19/2025	pH (field)	6.6	SU
MW-31S	Compliance	E009	05/19/2025	Radium 226 + Radium 228, total	1.18	pCi/L
MW-31S	Compliance	E009	05/19/2025	Selenium, total	0.0006 U	mg/L
MW-31S	Compliance	E009	05/19/2025	Specific Conductance @ 25C (field)	1,380	micromhos/cm
MW-31S	Compliance	E009	05/19/2025	Sulfate, total	0.99 U	mg/L
MW-31S	Compliance	E009	05/19/2025	Temperature	18.1	degrees C
MW-31S	Compliance	E009	05/19/2025	Thallium, total	0.001 U	mg/L
MW-31S	Compliance	E009	05/19/2025	Total Dissolved Solids	760	mg/L
MW-31S	Compliance	E009	05/19/2025	Turbidity, field	6.60	NTU
MW-32	Compliance	E009	05/20/2025	Antimony, total	0.0004 U	mg/L
MW-32	Compliance	E009	05/20/2025	Arsenic, total	0.0004 U	mg/L
MW-32	Compliance	E009	05/20/2025	Barium, total	0.0438	mg/L
MW-32	Compliance	E009	05/20/2025	Beryllium, total	0.0002 U	mg/L
MW-32	Compliance	E009	05/20/2025	Boron, total	1.78	mg/L
MW-32	Compliance	E009	05/20/2025	Cadmium, total	0.0002 U	mg/L
MW-32	Compliance	E009	05/20/2025	Calcium, total	167	mg/L
MW-32	Compliance	E009	05/20/2025	Chloride, total	9.72	mg/L
MW-32	Compliance	E009	05/20/2025	Chromium, total	0.0007 U	mg/L
MW-32	Compliance	E009	05/20/2025	Cobalt, total	0.0004 J	mg/L
MW-32	Compliance	E009	05/20/2025	Dissolved Oxygen	2.02	mg/L
MW-32	Compliance	E009	05/20/2025	Fluoride, total	0.11 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-32	Compliance	E009	05/20/2025	Lead, total	0.0006 U	mg/L
MW-32	Compliance	E009	05/20/2025	Lithium, total	0.0015 J	mg/L
MW-32	Compliance	E009	05/20/2025	Mercury, total	0.00006 U	mg/L
MW-32	Compliance	E009	05/20/2025	Molybdenum, total	0.0006 U	mg/L
MW-32	Compliance	E009	05/20/2025	Oxidation Reduction Potential	95.0	mV
MW-32	Compliance	E009	05/20/2025	pH (field)	6.3	SU
MW-32	Compliance	E009	05/20/2025	Radium 226 + Radium 228, total	0.394	pCi/L
MW-32	Compliance	E009	05/20/2025	Selenium, total	0.0006 U	mg/L
MW-32	Compliance	E009	05/20/2025	Specific Conductance @ 25C (field)	1,430	micromhos/cm
MW-32	Compliance	E009	05/20/2025	Sulfate, total	309	mg/L
MW-32	Compliance	E009	05/20/2025	Temperature	15.9	degrees C
MW-32	Compliance	E009	05/20/2025	Thallium, total	0.001 U	mg/L
MW-32	Compliance	E009	05/20/2025	Total Dissolved Solids	1,000	mg/L
MW-32	Compliance	E009	05/20/2025	Turbidity, field	1.30	NTU
PZ-4C	Compliance	E009	05/20/2025	Antimony, total	0.0004 U	mg/L
PZ-4C	Compliance	E009	05/20/2025	Arsenic, total	0.00130	mg/L
PZ-4C	Compliance	E009	05/20/2025	Barium, total	0.272	mg/L
PZ-4C	Compliance	E009	05/20/2025	Beryllium, total	0.0002 U	mg/L
PZ-4C	Compliance	E009	05/20/2025	Boron, total	1.60	mg/L
PZ-4C	Compliance	E009	05/20/2025	Cadmium, total	0.0002 U	mg/L
PZ-4C	Compliance	E009	05/20/2025	Calcium, total	119	mg/L
PZ-4C	Compliance	E009	05/20/2025	Chloride, total	32.4	mg/L
PZ-4C	Compliance	E009	05/20/2025	Chromium, total	0.00150 J	mg/L
PZ-4C	Compliance	E009	05/20/2025	Cobalt, total	0.0004 J	mg/L
PZ-4C	Compliance	E009	05/20/2025	Dissolved Oxygen	2.21	mg/L
PZ-4C	Compliance	E009	05/20/2025	Fluoride, total	0.33 J	mg/L
PZ-4C	Compliance	E009	05/20/2025	Lead, total	0.0007 J	mg/L
PZ-4C	Compliance	E009	05/20/2025	Lithium, total	0.00770	mg/L
PZ-4C	Compliance	E009	05/20/2025	Mercury, total	0.00006 U	mg/L
PZ-4C	Compliance	E009	05/20/2025	Molybdenum, total	0.0006 U	mg/L
PZ-4C	Compliance	E009	05/20/2025	Oxidation Reduction Potential	94.0	mV
PZ-4C	Compliance	E009	05/20/2025	pH (field)	6.7	SU
PZ-4C	Compliance	E009	05/20/2025	Radium 226 + Radium 228, total	0.939	pCi/L
PZ-4C	Compliance	E009	05/20/2025	Selenium, total	0.0006 U	mg/L
PZ-4C	Compliance	E009	05/20/2025	Specific Conductance @ 25C (field)	997	micromhos/cm
PZ-4C	Compliance	E009	05/20/2025	Sulfate, total	69.2	mg/L
PZ-4C	Compliance	E009	05/20/2025	Temperature	21.0	degrees C
PZ-4C	Compliance	E009	05/20/2025	Thallium, total	0.001 U	mg/L
PZ-4C	Compliance	E009	05/20/2025	Total Dissolved Solids	575	mg/L
PZ-4C	Compliance	E009	05/20/2025	Turbidity, field	33.0	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Notes:

C = Celsius
cm = centimeter
Events:
 E009 = Quarter 2, 2025 sampling event
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
Result Code (if applicable):
 NR¹ = Parameter not analyzed.
 NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
 NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
 NS³ = The location was not accessible; therefore, a sample was not collected.
 NS⁴ = The location could not be found; therefore, a sample was not collected.
 NS⁵ = The location was damaged; therefore, a sample was not collected.
 NS⁶ = Sampling pump could not yield a sample.
 NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
 NS⁸ = A sample was not collected.
 PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
Result qualifiers as defined in the United States Environmental Protection Agency's *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:
 J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
 U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
SU = Standard Units

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-3	UA	E009	Antimony, total	mg/L	12/15/15 - 05/20/25	32	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-3	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-3	UA	E009	Barium, total	mg/L	12/15/15 - 05/20/25	32	0	CI around median	0.0451	2.0	Standard	No Exceedance
MW-3	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-3	UA	E009	Boron, total	mg/L	12/15/15 - 05/20/25	32	0	CI around median	1.56	2	Standard	No Exceedance
MW-3	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-3	UA	E009	Chloride, total	mg/L	12/15/15 - 05/20/25	32	0	CB around linear reg	26.8	200	Standard	No Exceedance
MW-3	UA	E009	Chromium, total	mg/L	12/15/15 - 05/20/25	32	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/20/25	32	84	CI around median	0.001	0.006	Standard	No Exceedance
MW-3	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/20/25	32	12	CI around mean	0.242	4.0	Standard	No Exceedance
MW-3	UA	E009	Lead, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-3	UA	E009	Lithium, total	mg/L	02/25/21 - 05/20/25	18	94	CI around median	0.003	0.04	Standard	No Exceedance
MW-3	UA	E009	Mercury, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-3	UA	E009	Molybdenum, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E009	pH (field)	SU	12/15/15 - 05/20/25	32	0	CB around linear reg	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-3	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 05/20/25	28	0	CI around median	0.271	5	Standard	No Exceedance
MW-3	UA	E009	Selenium, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-3	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/20/25	32	0	CB around linear reg	111	400	Standard	No Exceedance
MW-3	UA	E009	Thallium, total	mg/L	12/15/15 - 05/20/25	32	97	CB around T-S line	0.002	0.002	Standard	No Exceedance
MW-3	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/20/25	32	0	CB around linear reg	542	1,200	Standard	No Exceedance
MW-5	UA	E009	Antimony, total	mg/L	12/15/15 - 05/20/25	34	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-5	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/20/25	36	78	CB around T-S line	0.001	0.010	Standard	No Exceedance
MW-5	UA	E009	Barium, total	mg/L	12/15/15 - 05/20/25	36	0	CB around T-S line	0.15	2.0	Standard	No Exceedance
MW-5	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/20/25	34	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-5	UA	E009	Boron, total	mg/L	12/15/15 - 05/20/25	36	0	CI around mean	0.532	2	Standard	No Exceedance
MW-5	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/20/25	33	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-5	UA	E009	Chloride, total	mg/L	12/15/15 - 05/20/25	36	0	CB around linear reg	43.9	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-5	UA	E009	Chromium, total	mg/L	12/15/15 - 05/20/25	36	89	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-5	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/20/25	36	81	CI around median	0.001	0.006	Standard	No Exceedance
MW-5	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/20/25	36	14	CB around linear reg	0.184	4.0	Standard	No Exceedance
MW-5	UA	E009	Lead, total	mg/L	12/15/15 - 05/20/25	36	89	CI around median	0.001	0.0075	Standard	No Exceedance
MW-5	UA	E009	Lithium, total	mg/L	12/15/15 - 05/20/25	28	36	CB around T-S line	0.003	0.04	Standard	No Exceedance
MW-5	UA	E009	Mercury, total	mg/L	12/15/15 - 05/20/25	33	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-5	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/20/25	28	96	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-5	UA	E009	pH (field)	SU	12/15/15 - 05/20/25	36	0	CB around linear reg	6.4/6.6	5.6/9.0	Background/Standard	No Exceedance
MW-5	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/20/25	37	0	CI around median	0.265	5	Standard	No Exceedance
MW-5	UA	E009	Selenium, total	mg/L	12/15/15 - 05/20/25	36	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-5	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/20/25	36	31	CI around median	10	400	Standard	No Exceedance
MW-5	UA	E009	Thallium, total	mg/L	12/15/15 - 05/20/25	33	97	CB around T-S line	0.002	0.002	Standard	No Exceedance
MW-5	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/20/25	36	0	CB around linear reg	735	1,200	Standard	No Exceedance
MW-6	UA	E009	Antimony, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-6	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-6	UA	E009	Barium, total	mg/L	12/15/15 - 05/19/25	36	0	CB around linear reg	0.0385	2.0	Standard	No Exceedance
MW-6	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-6	UA	E009	Boron, total	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	0.984	2	Standard	No Exceedance
MW-6	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-6	UA	E009	Chloride, total	mg/L	12/15/15 - 05/19/25	36	64	CI around median	4	200	Standard	No Exceedance
MW-6	UA	E009	Chromium, total	mg/L	12/15/15 - 05/19/25	36	78	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-6	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/19/25	36	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-6	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/19/25	36	11	CB around linear reg	0.21	4.0	Standard	No Exceedance
MW-6	UA	E009	Lead, total	mg/L	12/15/15 - 05/19/25	36	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-6	UA	E009	Lithium, total	mg/L	12/15/15 - 05/19/25	28	86	CB around T-S line	0.00296	0.04	Standard	No Exceedance
MW-6	UA	E009	Mercury, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-6	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/19/25	28	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-6	UA	E009	pH (field)	SU	12/15/15 - 05/19/25	36	0	CB around linear reg	6.3/6.5	5.6/9.0	Background/Standard	No Exceedance
MW-6	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/19/25	37	0	CI around median	0.417	5	Standard	No Exceedance
MW-6	UA	E009	Selenium, total	mg/L	12/15/15 - 05/19/25	36	86	CI around median	0.001	0.05	Standard	No Exceedance
MW-6	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/19/25	36	0	CB around linear reg	73.1	400	Standard	No Exceedance
MW-6	UA	E009	Thallium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-6	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	492	1,200	Standard	No Exceedance
MW-7	UA	E009	Antimony, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-7	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/19/25	36	58	CB around T-S line	0.001	0.010	Standard	No Exceedance
MW-7	UA	E009	Barium, total	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	0.0481	2.0	Standard	No Exceedance
MW-7	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-7	UA	E009	Boron, total	mg/L	12/15/15 - 05/19/25	36	0	CI around geomean	0.215	2	Standard	No Exceedance
MW-7	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-7	UA	E009	Chloride, total	mg/L	12/15/15 - 05/19/25	36	75	CI around median	4	200	Standard	No Exceedance
MW-7	UA	E009	Chromium, total	mg/L	12/15/15 - 05/19/25	36	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-7	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/19/25	36	69	CB around T-S line	0.001	0.006	Standard	No Exceedance
MW-7	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/19/25	36	11	CI around mean	0.254	4.0	Standard	No Exceedance
MW-7	UA	E009	Lead, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-7	UA	E009	Lithium, total	mg/L	12/15/15 - 05/19/25	28	43	CI around median	0.003	0.04	Standard	No Exceedance
MW-7	UA	E009	Mercury, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-7	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/19/25	28	4	CI around geomean	0.0024	0.1	Standard	No Exceedance
MW-7	UA	E009	pH (field)	SU	12/15/15 - 05/19/25	36	0	CB around linear reg	6.7/7.0	5.6/9.0	Background/Standard	No Exceedance
MW-7	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/19/25	37	0	CI around geomean	0.498	5	Standard	No Exceedance
MW-7	UA	E009	Selenium, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-7	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/19/25	36	0	CI around geomean	183	400	Standard	No Exceedance
MW-7	UA	E009	Thallium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-7	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	577	1,200	Standard	No Exceedance
MW-7S	USCU	E009	Antimony, total	mg/L	02/24/21 - 05/19/25	16	94	CI around median	0.001	0.006	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-7S	USCU	E009	Arsenic, total	mg/L	02/24/21 - 05/19/25	16	0	CI around median	0.0072	0.010	Standard	No Exceedance
MW-7S	USCU	E009	Barium, total	mg/L	02/24/21 - 05/19/25	16	0	CI around median	0.0402	2.0	Standard	No Exceedance
MW-7S	USCU	E009	Beryllium, total	mg/L	02/24/21 - 05/19/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-7S	USCU	E009	Boron, total	mg/L	02/24/21 - 05/19/25	16	0	CB around linear reg	4.24	2	Standard	Exceedance
MW-7S	USCU	E009	Cadmium, total	mg/L	02/24/21 - 05/19/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-7S	USCU	E009	Chloride, total	mg/L	02/24/21 - 05/19/25	16	0	CB around linear reg	5.61	200	Standard	No Exceedance
MW-7S	USCU	E009	Chromium, total	mg/L	02/24/21 - 05/19/25	16	62	CI around median	0.0015	0.1	Standard	No Exceedance
MW-7S	USCU	E009	Cobalt, total	mg/L	02/24/21 - 05/19/25	16	12	CI around geomean	0.00109	0.006	Standard	No Exceedance
MW-7S	USCU	E009	Fluoride, total	mg/L	02/24/21 - 05/19/25	16	25	CI around median	0.3	4.0	Standard	No Exceedance
MW-7S	USCU	E009	Lead, total	mg/L	02/24/21 - 05/19/25	16	81	CI around median	0.001	0.0075	Standard	No Exceedance
MW-7S	USCU	E009	Lithium, total	mg/L	02/24/21 - 05/19/25	16	94	CI around median	0.003	0.04	Standard	No Exceedance
MW-7S	USCU	E009	Mercury, total	mg/L	02/24/21 - 05/19/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-7S	USCU	E009	Molybdenum, total	mg/L	02/24/21 - 05/19/25	16	62	CI around median	0.0015	0.1	Standard	No Exceedance
MW-7S	USCU	E009	pH (field)	SU	02/24/21 - 05/19/25	16	0	CI around mean	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-7S	USCU	E009	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 05/19/25	16	0	CI around geomean	0.235	5	Standard	No Exceedance
MW-7S	USCU	E009	Selenium, total	mg/L	02/24/21 - 05/19/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-7S	USCU	E009	Sulfate, total	mg/L	02/24/21 - 05/19/25	16	0	CI around mean	446	400	Standard	Exceedance
MW-7S	USCU	E009	Thallium, total	mg/L	02/24/21 - 05/19/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-7S	USCU	E009	Total Dissolved Solids	mg/L	02/24/21 - 05/19/25	15	0	CI around median	486	1,200	Standard	No Exceedance
MW-8	UA	E009	Antimony, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-8	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-8	UA	E009	Barium, total	mg/L	12/15/15 - 05/19/25	36	0	CB around linear reg	0.0192	2.0	Standard	No Exceedance
MW-8	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-8	UA	E009	Boron, total	mg/L	12/15/15 - 05/19/25	36	0	CI around median	0.954	2	Standard	No Exceedance
MW-8	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-8	UA	E009	Chloride, total	mg/L	12/15/15 - 05/19/25	36	0	CB around T-S line	14.1	200	Standard	No Exceedance
MW-8	UA	E009	Chromium, total	mg/L	12/15/15 - 05/19/25	36	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-8	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/19/25	36	17	CB around linear reg	0.000946	0.006	Standard	No Exceedance
MW-8	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/19/25	36	11	CB around T-S line	0.224	4.0	Standard	No Exceedance
MW-8	UA	E009	Lead, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-8	UA	E009	Lithium, total	mg/L	12/15/15 - 05/19/25	28	61	CB around T-S line	0.003	0.04	Standard	No Exceedance
MW-8	UA	E009	Mercury, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-8	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/19/25	28	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-8	UA	E009	pH (field)	SU	12/15/15 - 05/19/25	36	0	CB around linear reg	6.4/6.6	5.6/9.0	Background/Standard	No Exceedance
MW-8	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/19/25	37	0	CI around median	0.2	5	Standard	No Exceedance
MW-8	UA	E009	Selenium, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-8	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/19/25	36	0	CB around linear reg	189	400	Standard	No Exceedance
MW-8	UA	E009	Thallium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-8	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/19/25	36	0	CB around T-S line	762	1,200	Standard	No Exceedance
MW-8S	USCU	E009	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-8S	USCU	E009	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.010	Standard	--
MW-8S	USCU	E009	Barium, total	mg/L	--	--	--	--	NS ⁷	2.0	Standard	--
MW-8S	USCU	E009	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.004	Standard	--
MW-8S	USCU	E009	Boron, total	mg/L	--	--	--	--	NS ⁷	2	Standard	--
MW-8S	USCU	E009	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.005	Standard	--
MW-8S	USCU	E009	Chloride, total	mg/L	--	--	--	--	NS ⁷	200	Standard	--
MW-8S	USCU	E009	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-8S	USCU	E009	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-8S	USCU	E009	Fluoride, total	mg/L	--	--	--	--	NS ⁷	4.0	Standard	--
MW-8S	USCU	E009	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0075	Standard	--
MW-8S	USCU	E009	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.04	Standard	--
MW-8S	USCU	E009	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-8S	USCU	E009	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-8S	USCU	E009	pH (field)	SU	--	--	--	--	NS ⁷	5.6/9.0	Background/Standard	--

TABLE 2.
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ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-8S	USCU	E009	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	5	Standard	--
MW-8S	USCU	E009	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.05	Standard	--
MW-8S	USCU	E009	Sulfate, total	mg/L	--	--	--	--	NS ⁷	400	Standard	--
MW-8S	USCU	E009	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-8S	USCU	E009	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	1,200	Standard	--
MW-11	UA	E009	Antimony, total	mg/L	12/15/15 - 05/20/25	34	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-11	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/20/25	36	31	CI around median	0.0011	0.010	Standard	No Exceedance
MW-11	UA	E009	Barium, total	mg/L	12/15/15 - 05/20/25	36	0	CB around T-S line	0.106	2.0	Standard	No Exceedance
MW-11	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/20/25	34	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-11	UA	E009	Boron, total	mg/L	12/15/15 - 05/20/25	36	0	CI around mean	1.54	2	Standard	No Exceedance
MW-11	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/20/25	33	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-11	UA	E009	Chloride, total	mg/L	12/15/15 - 05/20/25	36	0	CB around T-S line	27	200	Standard	No Exceedance
MW-11	UA	E009	Chromium, total	mg/L	12/15/15 - 05/20/25	36	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-11	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/20/25	36	89	CI around median	0.001	0.006	Standard	No Exceedance
MW-11	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/20/25	36	8	CI around median	0.48	4.0	Standard	No Exceedance
MW-11	UA	E009	Lead, total	mg/L	12/15/15 - 05/20/25	36	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-11	UA	E009	Lithium, total	mg/L	12/15/15 - 05/20/25	28	50	CB around linear reg	0.00299	0.04	Standard	No Exceedance
MW-11	UA	E009	Mercury, total	mg/L	12/15/15 - 05/20/25	33	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-11	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/20/25	28	4	CI around median	0.0021	0.1	Standard	No Exceedance
MW-11	UA	E009	pH (field)	SU	12/15/15 - 05/20/25	36	0	CB around linear reg	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-11	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/20/25	37	0	CI around median	0.56	5	Standard	No Exceedance
MW-11	UA	E009	Selenium, total	mg/L	12/15/15 - 05/20/25	36	64	CI around median	0.001	0.05	Standard	No Exceedance
MW-11	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/20/25	36	0	CI around mean	108	400	Standard	No Exceedance
MW-11	UA	E009	Thallium, total	mg/L	12/15/15 - 05/20/25	33	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-11	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/20/25	36	0	CB around T-S line	595	1,200	Standard	No Exceedance
MW-12	UA	E009	Antimony, total	mg/L	12/15/15 - 05/19/25	34	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-12	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/19/25	36	89	CI around median	0.001	0.010	Standard	No Exceedance

TABLE 2.
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KINCAID POWER PLANT
ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-12	UA	E009	Barium, total	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	0.0828	2.0	Standard	No Exceedance
MW-12	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-12	UA	E009	Boron, total	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	2.77	2	Standard	Exceedance
MW-12	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-12	UA	E009	Chloride, total	mg/L	12/15/15 - 05/19/25	36	0	CB around T-S line	14.9	200	Standard	No Exceedance
MW-12	UA	E009	Chromium, total	mg/L	12/15/15 - 05/19/25	36	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-12	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-12	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/19/25	36	11	CB around linear reg	0.206	4.0	Standard	No Exceedance
MW-12	UA	E009	Lead, total	mg/L	12/15/15 - 05/19/25	36	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-12	UA	E009	Lithium, total	mg/L	12/15/15 - 05/19/25	28	0	CI around geomean	0.00859	0.04	Standard	No Exceedance
MW-12	UA	E009	Mercury, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-12	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/19/25	28	86	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-12	UA	E009	pH (field)	SU	12/15/15 - 05/19/25	36	0	CI around mean	6.7/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-12	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/19/25	37	0	CI around median	0.45	5	Standard	No Exceedance
MW-12	UA	E009	Selenium, total	mg/L	12/15/15 - 05/19/25	36	97	CI around median	0.001	0.05	Standard	No Exceedance
MW-12	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	362	400	Standard	No Exceedance
MW-12	UA	E009	Thallium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-12	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	1,080	1,200	Standard	No Exceedance
MW-20	UA	E009	Antimony, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-20	UA	E009	Arsenic, total	mg/L	02/26/21 - 05/20/25	18	61	CI around median	0.001	0.010	Standard	No Exceedance
MW-20	UA	E009	Barium, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	0.0645	2.0	Standard	No Exceedance
MW-20	UA	E009	Beryllium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-20	UA	E009	Boron, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	0.685	2	Standard	No Exceedance
MW-20	UA	E009	Cadmium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-20	UA	E009	Chloride, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	18	200	Standard	No Exceedance
MW-20	UA	E009	Chromium, total	mg/L	02/26/21 - 05/20/25	18	89	CI around median	0.0015	0.1	Standard	No Exceedance
MW-20	UA	E009	Cobalt, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.001	0.006	Standard	No Exceedance

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ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-20	UA	E009	Fluoride, total	mg/L	02/26/21 - 05/20/25	18	22	CI around mean	0.349	4.0	Standard	No Exceedance
MW-20	UA	E009	Lead, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-20	UA	E009	Lithium, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	-0.00311	0.04	Standard	No Exceedance
MW-20	UA	E009	Mercury, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20	UA	E009	Molybdenum, total	mg/L	02/26/21 - 05/20/25	18	6	CB around T-S line	-0.00369	0.1	Standard	No Exceedance
MW-20	UA	E009	pH (field)	SU	02/26/21 - 05/20/25	18	0	CI around mean	6.8/7.0	5.6/9.0	Background/Standard	No Exceedance
MW-20	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 05/20/25	18	0	CB around T-S line	0.423	5	Standard	No Exceedance
MW-20	UA	E009	Selenium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20	UA	E009	Sulfate, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	152	400	Standard	No Exceedance
MW-20	UA	E009	Thallium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20	UA	E009	Total Dissolved Solids	mg/L	02/26/21 - 05/20/25	17	0	CB around linear reg	697	1,200	Standard	No Exceedance
MW-20S	USCU	E009	Antimony, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E009	Arsenic, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.001	0.010	Standard	No Exceedance
MW-20S	USCU	E009	Barium, total	mg/L	02/26/21 - 05/20/25	18	6	CI around median	0.0346	2.0	Standard	No Exceedance
MW-20S	USCU	E009	Beryllium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-20S	USCU	E009	Boron, total	mg/L	02/26/21 - 05/20/25	18	0	CI around median	1.37	2	Standard	No Exceedance
MW-20S	USCU	E009	Cadmium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-20S	USCU	E009	Chloride, total	mg/L	02/26/21 - 05/20/25	18	0	CI around mean	17.8	200	Standard	No Exceedance
MW-20S	USCU	E009	Chromium, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.0015	0.1	Standard	No Exceedance
MW-20S	USCU	E009	Cobalt, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E009	Fluoride, total	mg/L	02/26/21 - 05/20/25	18	22	CB around linear reg	0.278	4.0	Standard	No Exceedance
MW-20S	USCU	E009	Lead, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-20S	USCU	E009	Lithium, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.003	0.04	Standard	No Exceedance
MW-20S	USCU	E009	Mercury, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20S	USCU	E009	Molybdenum, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-20S	USCU	E009	pH (field)	SU	02/26/21 - 05/20/25	18	0	CI around mean	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-20S	USCU	E009	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 05/20/25	18	0	CI around mean	0.189	5	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-20S	USCU	E009	Selenium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20S	USCU	E009	Sulfate, total	mg/L	02/26/21 - 05/20/25	18	0	CI around mean	306	400	Standard	No Exceedance
MW-20S	USCU	E009	Thallium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20S	USCU	E009	Total Dissolved Solids	mg/L	02/26/21 - 05/20/25	17	0	CB around linear reg	943	1,200	Standard	No Exceedance
MW-23	UA	E009	Antimony, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-23	UA	E009	Arsenic, total	mg/L	02/26/21 - 05/20/25	18	33	CI around median	0.001	0.010	Standard	No Exceedance
MW-23	UA	E009	Barium, total	mg/L	02/26/21 - 05/20/25	18	0	CI around median	0.0928	2.0	Standard	No Exceedance
MW-23	UA	E009	Beryllium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-23	UA	E009	Boron, total	mg/L	02/26/21 - 05/20/25	18	0	CI around median	1.99	2	Standard	No Exceedance
MW-23	UA	E009	Cadmium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-23	UA	E009	Chloride, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	22.2	200	Standard	No Exceedance
MW-23	UA	E009	Chromium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E009	Cobalt, total	mg/L	02/26/21 - 05/20/25	18	33	CI around median	0.001	0.006	Standard	No Exceedance
MW-23	UA	E009	Fluoride, total	mg/L	02/26/21 - 05/20/25	18	22	CI around median	0.34	4.0	Standard	No Exceedance
MW-23	UA	E009	Lead, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-23	UA	E009	Lithium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-23	UA	E009	Mercury, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-23	UA	E009	Molybdenum, total	mg/L	02/26/21 - 05/20/25	18	89	CI around median	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E009	pH (field)	SU	02/26/21 - 05/20/25	18	0	CI around mean	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-23	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 05/20/25	18	0	CI around mean	0.269	5	Standard	No Exceedance
MW-23	UA	E009	Selenium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-23	UA	E009	Sulfate, total	mg/L	02/26/21 - 05/20/25	18	0	CI around mean	42.3	400	Standard	No Exceedance
MW-23	UA	E009	Thallium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-23	UA	E009	Total Dissolved Solids	mg/L	02/26/21 - 05/20/25	17	0	CI around mean	590	1,200	Standard	No Exceedance
MW-27	USCU	E009	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-27	USCU	E009	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.010	Standard	--
MW-27	USCU	E009	Barium, total	mg/L	--	--	--	--	NS ⁷	2.0	Standard	--

TABLE 2.
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KINCAID POWER PLANT
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-27	USCU	E009	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.004	Standard	--
MW-27	USCU	E009	Boron, total	mg/L	--	--	--	--	NS ⁷	2	Standard	--
MW-27	USCU	E009	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.005	Standard	--
MW-27	USCU	E009	Chloride, total	mg/L	--	--	--	--	NS ⁷	200	Standard	--
MW-27	USCU	E009	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-27	USCU	E009	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-27	USCU	E009	Fluoride, total	mg/L	--	--	--	--	NS ⁷	4.0	Standard	--
MW-27	USCU	E009	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0075	Standard	--
MW-27	USCU	E009	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.04	Standard	--
MW-27	USCU	E009	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-27	USCU	E009	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-27	USCU	E009	pH (field)	SU	--	--	--	--	NS ⁷	5.6/9.0	Background/Standard	--
MW-27	USCU	E009	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	5	Standard	--
MW-27	USCU	E009	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.05	Standard	--
MW-27	USCU	E009	Sulfate, total	mg/L	--	--	--	--	NS ⁷	400	Standard	--
MW-27	USCU	E009	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-27	USCU	E009	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	1,200	Standard	--
MW-28	UA	E009	Antimony, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-28	UA	E009	Arsenic, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-28	UA	E009	Barium, total	mg/L	02/24/21 - 05/19/25	18	0	CI around mean	0.0235	2.0	Standard	No Exceedance
MW-28	UA	E009	Beryllium, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-28	UA	E009	Boron, total	mg/L	02/24/21 - 05/19/25	18	0	CI around mean	8.45	2	Standard	Exceedance
MW-28	UA	E009	Cadmium, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-28	UA	E009	Chloride, total	mg/L	02/24/21 - 05/19/25	18	0	CI around median	12	200	Standard	No Exceedance
MW-28	UA	E009	Chromium, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-28	UA	E009	Cobalt, total	mg/L	02/24/21 - 05/19/25	18	89	CI around median	0.001	0.006	Standard	No Exceedance
MW-28	UA	E009	Fluoride, total	mg/L	02/24/21 - 05/19/25	18	22	CB around linear reg	0.202	4.0	Standard	No Exceedance

TABLE 2.
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-28	UA	E009	Lead, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-28	UA	E009	Lithium, total	mg/L	02/24/21 - 05/19/25	18	0	CI around mean	0.00613	0.04	Standard	No Exceedance
MW-28	UA	E009	Mercury, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-28	UA	E009	Molybdenum, total	mg/L	02/24/21 - 05/19/25	18	94	CI around median	0.0015	0.1	Standard	No Exceedance
MW-28	UA	E009	pH (field)	SU	02/24/21 - 05/19/25	18	0	CI around mean	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-28	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 05/19/25	18	0	CI around mean	0.147	5	Standard	No Exceedance
MW-28	UA	E009	Selenium, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-28	UA	E009	Sulfate, total	mg/L	02/24/21 - 05/19/25	18	0	CI around mean	838	400	Standard	Exceedance
MW-28	UA	E009	Thallium, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-28	UA	E009	Total Dissolved Solids	mg/L	02/24/21 - 05/19/25	17	0	CI around mean	1,680	1,200	Standard	Exceedance
MW-30	UA	E009	Antimony, total	mg/L	02/25/21 - 05/20/25	18	94	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-30	UA	E009	Arsenic, total	mg/L	02/25/21 - 05/20/25	18	6	CB around linear reg	0.00723	0.010	Standard	No Exceedance
MW-30	UA	E009	Barium, total	mg/L	02/25/21 - 05/20/25	18	0	CI around geomean	0.154	2.0	Standard	No Exceedance
MW-30	UA	E009	Beryllium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-30	UA	E009	Boron, total	mg/L	02/25/21 - 05/20/25	18	0	CI around geomean	1.07	2	Standard	No Exceedance
MW-30	UA	E009	Cadmium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-30	UA	E009	Chloride, total	mg/L	02/25/21 - 05/20/25	18	0	CB around linear reg	33.4	200	Standard	No Exceedance
MW-30	UA	E009	Chromium, total	mg/L	02/25/21 - 05/20/25	18	83	CI around median	0.0015	0.1	Standard	No Exceedance
MW-30	UA	E009	Cobalt, total	mg/L	02/25/21 - 05/20/25	18	0	CI around mean	0.00208	0.006	Standard	No Exceedance
MW-30	UA	E009	Fluoride, total	mg/L	02/25/21 - 05/20/25	18	22	CB around linear reg	0.421	4.0	Standard	No Exceedance
MW-30	UA	E009	Lead, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-30	UA	E009	Lithium, total	mg/L	02/25/21 - 05/20/25	18	89	CB around T-S line	0.00102	0.04	Standard	No Exceedance
MW-30	UA	E009	Mercury, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-30	UA	E009	Molybdenum, total	mg/L	02/25/21 - 05/20/25	18	39	CI around median	0.0015	0.1	Standard	No Exceedance
MW-30	UA	E009	pH (field)	SU	02/25/21 - 05/20/25	18	0	CI around mean	6.5/6.6	5.6/9.0	Background/Standard	No Exceedance
MW-30	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 05/20/25	18	0	CI around geomean	0.48	5	Standard	No Exceedance
MW-30	UA	E009	Selenium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance

TABLE 2.
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-30	UA	E009	Sulfate, total	mg/L	02/25/21 - 05/20/25	18	56	CB around T-S line	-126	400	Standard	No Exceedance
MW-30	UA	E009	Thallium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-30	UA	E009	Total Dissolved Solids	mg/L	02/25/21 - 05/20/25	17	0	CB around T-S line	517	1,200	Standard	No Exceedance
MW-31	UA	E009	Antimony, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-31	UA	E009	Arsenic, total	mg/L	02/24/21 - 05/20/25	18	6	CI around geomean	0.00245	0.010	Standard	No Exceedance
MW-31	UA	E009	Barium, total	mg/L	02/24/21 - 05/20/25	18	0	CI around mean	0.215	2.0	Standard	No Exceedance
MW-31	UA	E009	Beryllium, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-31	UA	E009	Boron, total	mg/L	02/24/21 - 05/20/25	18	0	CI around mean	0.232	2	Standard	No Exceedance
MW-31	UA	E009	Cadmium, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-31	UA	E009	Chloride, total	mg/L	02/24/21 - 05/20/25	18	0	CB around linear reg	37.6	200	Standard	No Exceedance
MW-31	UA	E009	Chromium, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-31	UA	E009	Cobalt, total	mg/L	02/24/21 - 05/20/25	18	72	CI around median	0.001	0.006	Standard	No Exceedance
MW-31	UA	E009	Fluoride, total	mg/L	02/24/21 - 05/20/25	18	22	CI around median	0.17	4.0	Standard	No Exceedance
MW-31	UA	E009	Lead, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-31	UA	E009	Lithium, total	mg/L	02/24/21 - 05/20/25	18	0	CI around mean	0.0046	0.04	Standard	No Exceedance
MW-31	UA	E009	Mercury, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31	UA	E009	Molybdenum, total	mg/L	02/24/21 - 05/20/25	18	67	CB around T-S line	0.0000547	0.1	Standard	No Exceedance
MW-31	UA	E009	pH (field)	SU	02/24/21 - 05/20/25	18	0	CI around mean	6.5/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-31	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 05/20/25	18	0	CI around geomean	0.578	5	Standard	No Exceedance
MW-31	UA	E009	Selenium, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31	UA	E009	Sulfate, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	10	400	Standard	No Exceedance
MW-31	UA	E009	Thallium, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-31	UA	E009	Total Dissolved Solids	mg/L	02/24/21 - 05/20/25	17	0	CI around mean	576	1,200	Standard	No Exceedance
MW-31S	USCU	E009	Antimony, total	mg/L	02/24/21 - 05/19/25	17	88	CI around median	0.001	0.006	Standard	No Exceedance
MW-31S	USCU	E009	Arsenic, total	mg/L	02/24/21 - 05/19/25	17	0	CI around mean	0.00805	0.010	Standard	No Exceedance
MW-31S	USCU	E009	Barium, total	mg/L	02/24/21 - 05/19/25	17	0	CI around geomean	0.225	2.0	Standard	No Exceedance
MW-31S	USCU	E009	Beryllium, total	mg/L	02/24/21 - 05/19/25	17	94	CI around median	0.001	0.004	Standard	No Exceedance

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EVALUATION OF COMPLIANCE - QUARTER 2, 2025
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-31S	USCU	E009	Boron, total	mg/L	02/24/21 - 05/19/25	17	6	CI around geomean	0.0377	2	Standard	No Exceedance
MW-31S	USCU	E009	Cadmium, total	mg/L	02/24/21 - 05/19/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-31S	USCU	E009	Chloride, total	mg/L	02/24/21 - 05/19/25	16	0	CI around geomean	12.6	200	Standard	No Exceedance
MW-31S	USCU	E009	Chromium, total	mg/L	02/24/21 - 05/19/25	17	65	CI around median	0.0015	0.1	Standard	No Exceedance
MW-31S	USCU	E009	Cobalt, total	mg/L	02/24/21 - 05/19/25	17	0	CI around geomean	0.00248	0.006	Standard	No Exceedance
MW-31S	USCU	E009	Fluoride, total	mg/L	02/24/21 - 05/19/25	16	25	CB around linear reg	0.357	4.0	Standard	No Exceedance
MW-31S	USCU	E009	Lead, total	mg/L	02/24/21 - 05/19/25	17	53	CI around median	0.001	0.0075	Standard	No Exceedance
MW-31S	USCU	E009	Lithium, total	mg/L	02/24/21 - 05/19/25	17	65	CI around median	0.003	0.04	Standard	No Exceedance
MW-31S	USCU	E009	Mercury, total	mg/L	02/24/21 - 05/19/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31S	USCU	E009	Molybdenum, total	mg/L	02/24/21 - 05/19/25	17	53	CB around T-S line	-0.00109	0.1	Standard	No Exceedance
MW-31S	USCU	E009	pH (field)	SU	02/24/21 - 05/19/25	18	0	CI around mean	6.5/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-31S	USCU	E009	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 05/19/25	16	0	CI around mean	0.887	5	Standard	No Exceedance
MW-31S	USCU	E009	Selenium, total	mg/L	02/24/21 - 05/19/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31S	USCU	E009	Sulfate, total	mg/L	02/24/21 - 05/19/25	16	38	CB around linear reg	-68.5	400	Standard	No Exceedance
MW-31S	USCU	E009	Thallium, total	mg/L	02/24/21 - 05/19/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-31S	USCU	E009	Total Dissolved Solids	mg/L	02/24/21 - 05/19/25	15	0	CI around mean	727	1,200	Standard	No Exceedance
MW-32	UA	E009	Antimony, total	mg/L	02/25/21 - 05/20/25	18	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-32	UA	E009	Arsenic, total	mg/L	02/25/21 - 05/20/25	18	94	CI around median	0.001	0.010	Standard	No Exceedance
MW-32	UA	E009	Barium, total	mg/L	02/25/21 - 05/20/25	18	0	CB around linear reg	0.0237	2.0	Standard	No Exceedance
MW-32	UA	E009	Beryllium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-32	UA	E009	Boron, total	mg/L	02/25/21 - 05/20/25	18	0	CI around mean	1.55	2	Standard	No Exceedance
MW-32	UA	E009	Cadmium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-32	UA	E009	Chloride, total	mg/L	02/25/21 - 05/20/25	18	0	CB around linear reg	8.58	200	Standard	No Exceedance
MW-32	UA	E009	Chromium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-32	UA	E009	Cobalt, total	mg/L	02/25/21 - 05/20/25	18	83	CI around median	0.001	0.006	Standard	No Exceedance
MW-32	UA	E009	Fluoride, total	mg/L	02/25/21 - 05/20/25	18	22	CI around median	0.17	4.0	Standard	No Exceedance
MW-32	UA	E009	Lead, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-32	UA	E009	Lithium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-32	UA	E009	Mercury, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-32	UA	E009	Molybdenum, total	mg/L	02/25/21 - 05/20/25	18	94	CI around median	0.0015	0.1	Standard	No Exceedance
MW-32	UA	E009	pH (field)	SU	02/25/21 - 05/20/25	18	0	CI around mean	6.3/6.5	5.6/9.0	Background/Standard	No Exceedance
MW-32	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 05/20/25	18	0	CI around median	0.239	5	Standard	No Exceedance
MW-32	UA	E009	Selenium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-32	UA	E009	Sulfate, total	mg/L	02/25/21 - 05/20/25	18	0	CB around linear reg	281	400	Standard	No Exceedance
MW-32	UA	E009	Thallium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-32	UA	E009	Total Dissolved Solids	mg/L	02/25/21 - 05/20/25	17	0	CB around linear reg	963	1,200	Standard	No Exceedance
PZ-4C	UA	E009	Antimony, total	mg/L	02/25/21 - 05/20/25	17	88	CI around median	0.001	0.006	Standard	No Exceedance
PZ-4C	UA	E009	Arsenic, total	mg/L	02/25/21 - 05/20/25	17	29	CI around median	0.001	0.010	Standard	No Exceedance
PZ-4C	UA	E009	Barium, total	mg/L	02/25/21 - 05/20/25	17	0	CI around median	0.251	2.0	Standard	No Exceedance
PZ-4C	UA	E009	Beryllium, total	mg/L	02/25/21 - 05/20/25	17	94	CI around median	0.001	0.004	Standard	No Exceedance
PZ-4C	UA	E009	Boron, total	mg/L	02/25/21 - 05/20/25	17	0	CI around mean	1.42	2	Standard	No Exceedance
PZ-4C	UA	E009	Cadmium, total	mg/L	02/25/21 - 05/20/25	17	94	CI around median	0.001	0.005	Standard	No Exceedance
PZ-4C	UA	E009	Chloride, total	mg/L	02/25/21 - 05/20/25	17	0	CB around linear reg	29.5	200	Standard	No Exceedance
PZ-4C	UA	E009	Chromium, total	mg/L	02/25/21 - 05/20/25	17	35	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-4C	UA	E009	Cobalt, total	mg/L	02/25/21 - 05/20/25	17	76	CI around median	0.001	0.006	Standard	No Exceedance
PZ-4C	UA	E009	Fluoride, total	mg/L	02/25/21 - 05/20/25	17	24	CI around geomean	0.355	4.0	Standard	No Exceedance
PZ-4C	UA	E009	Lead, total	mg/L	02/25/21 - 05/20/25	17	59	CI around median	0.001	0.0075	Standard	No Exceedance
PZ-4C	UA	E009	Lithium, total	mg/L	02/25/21 - 05/20/25	17	0	CI around median	0.007	0.04	Standard	No Exceedance
PZ-4C	UA	E009	Mercury, total	mg/L	02/25/21 - 05/20/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
PZ-4C	UA	E009	Molybdenum, total	mg/L	02/25/21 - 05/20/25	17	82	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-4C	UA	E009	pH (field)	SU	02/25/21 - 05/20/25	17	0	CI around mean	6.7/7.0	5.6/9.0	Background/Standard	No Exceedance
PZ-4C	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 05/20/25	17	0	CI around geomean	0.664	5	Standard	No Exceedance
PZ-4C	UA	E009	Selenium, total	mg/L	02/25/21 - 05/20/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
PZ-4C	UA	E009	Sulfate, total	mg/L	02/25/21 - 05/20/25	17	0	CI around median	65.6	400	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
PZ-4C	UA	E009	Thallium, total	mg/L	02/25/21 - 05/20/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
PZ-4C	UA	E009	Total Dissolved Solids	mg/L	02/25/21 - 05/20/25	16	0	CI around mean	552	1,200	Standard	No Exceedance

Notes:
-- = no data available
Compliance Result:
 No Exceedance: the statistical result did not exceed the GWPS.
 Exceedance: The statistical result exceeded the GWPS.

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Kincaid Generation, LLC’s (Kincaid Generation’s) operating permit application for the Ash Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, Kincaid Generation has not identified any actual exceedances.

Events:
 E009 = Quarter 2, 2025 sampling event
HSU = hydrostratigraphic unit:
 UA = Uppermost Aquifer
 USCU = Upper Semi-Confining Unit
mg/L = milligrams per liter
ND = non-detect
pCi/L = picocuries per liter
SU = standard units
Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:
 All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown
 CB around T-S line = Confidence band around Thiel-Sen line
 CB around T-S line = Confidence band around Thiel-Sen line
 CB around linear reg = Confidence band around linear regression
 CI around geomean = Confidence interval around the geometric mean
 CI around mean = Confidence interval around the mean
 CI around median = Confidence interval around the median
 Most recent sample = Result for the most recently collected sample used due to insufficient data
Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
Statistical Result Code (if applicable):
 NR¹ = Parameter not analyzed.
 NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
 NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
 NS³ = The location was not accessible; therefore, a sample was not collected.
 NS⁴ = The location could not be found; therefore, a sample was not collected.
 NS⁵ = The location was damaged; therefore, a sample was not collected.
 NS⁶ = Sampling pump could not yield a sample.
 NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
 NS⁸ = A sample was not collected.
 PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
For pH, the values presented are the lower / upper limits
GWPS Source:
 Background = background concentration
 Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

FIGURES



- BACKGROUND WELL
- COMPLIANCE WELL
- STAFF GAGE
- REGULATED UNIT (SUBJECT UNIT)
- PROPERTY BOUNDARY

0 250 500 Feet

MONITORING WELL LOCATION MAP

35 I.A.C. § 845.610(b)(3)(D)
Groundwater Monitoring Data and Detected Exceedances Report
Quarter 2, 2025
ASH POND

KINCAID POWER PLANT
KINCAID, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 2, 2025

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 2, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-1	Background	05/19/2025	15.83	589.10
MW-2	Background	05/19/2025	7.61	593.54
MW-3	Compliance	05/19/2025	8.64	592.85
MW-5	Compliance	05/19/2025	26.50	593.02
MW-6	Compliance	05/19/2025	9.86	590.55
MW-7	Compliance	05/19/2025	9.54	588.14
MW-7S	Compliance	05/19/2025	10.50	587.05
MW-8	Compliance	05/19/2025	9.84	593.38
MW-8S	Compliance	05/19/2025	10.00	593.41
MW-11	Compliance	05/19/2025	11.64	590.28
MW-12	Compliance	05/19/2025	6.39	585.09
MW-20	Compliance	05/19/2025	6.41	594.45
MW-20S	Compliance	05/19/2025	6.43	594.40
MW-23	Compliance	05/19/2025	16.16	594.27
MW-27	Compliance	05/19/2025	14.41	585.57
MW-28	Compliance	05/19/2025	7.09	594.40
MW-30	Compliance	05/19/2025	24.81	593.75
MW-31	Compliance	05/19/2025	30.81	586.66
MW-31S	Compliance	05/19/2025	23.04	594.59
MW-32	Compliance	05/19/2025	23.21	596.32
PZ-4C	Compliance	05/19/2025	6.76	593.94
XSG-01	Water Level	05/19/2025	5.00	603.32
SG-02	Water Level	05/19/2025	20.36	585.16

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

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

June 04, 2025

Eric Bauer
Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
TEL: (414) 837-3607
FAX: (414) 837-3608



Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: KIN-25Q2

WorkOrder: 25050236

Dear Eric Bauer:

TEKLAB, INC received 27 samples for KIN_845_141 on 5/20/2025 2:55:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	34
Quality Control Results	35
Receiving Check List	48
Chain of Custody	Appended

Definitions

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

Definitions

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

Cooler Receipt Temp: 9.1 °C

An employee of Teklab, Inc. collected the sample(s).

MW-08S was dry, and MW-27 went dry during the sampling event. YSG-03 and XSG-01 date/time of measurement per SAR4. Equipment Blanks were not needed. EAH 5/20/25

Per Eric Bauer's request, only KIN_845_141 data is included in this report. EAH 6/4/25

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

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Collinsville, IL 62234-7425
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Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
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Fax (217) 698-1005
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Chicago

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Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-001
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-01
Collection Date: 05/19/2025 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		15.82	ft	1	05/19/2025 10:19	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.6	NTU	1	05/19/2025 10:19	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		76	mV	1	05/19/2025 10:19	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		549	µS/cm	1	05/19/2025 10:19	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.0	°C	1	05/19/2025 10:19	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.39	mg/L	1	05/19/2025 10:19	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.18		1	05/19/2025 10:19	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		161	mg/L	1	05/20/2025 10:41	R365288
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/20/2025 10:41	R365288
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		354	mg/L	1	05/23/2025 12:40	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.20	mg/L	10	05/20/2025 8:55	R365320
Chloride	NELAP	1.00	5.00		15.4	mg/L	10	05/20/2025 8:55	R365320
Sulfate	NELAP	0.99	10.0		84.4	mg/L	10	05/20/2025 8:55	R365320
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		60.7	mg/L	1	05/27/2025 9:26	239343
Magnesium	NELAP	0.0055	0.0500		29.1	mg/L	1	05/27/2025 9:26	239343
Potassium	NELAP	0.0400	0.100		0.678	mg/L	1	05/27/2025 9:26	239343
Sodium	NELAP	0.0180	0.0500		18.0	mg/L	1	05/27/2025 9:26	239343
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 16:29	239343
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 16:29	239343
Barium	NELAP	0.0007	0.0010		0.0544	mg/L	5	05/20/2025 16:29	239343
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 16:29	239343
Boron	NELAP	0.0092	0.0250		0.280	mg/L	5	05/20/2025 16:29	239343
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 16:29	239343
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/20/2025 16:29	239343
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	05/20/2025 16:29	239343
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 16:29	239343
Lithium	*	0.0015	0.0030	J	0.0017	mg/L	5	05/20/2025 16:29	239343
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/20/2025 16:29	239343
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 16:29	239343
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/20/2025 16:29	239343
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:08	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-002
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-02
Collection Date: 05/19/2025 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.62	ft	1	05/19/2025 10:19	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		17	NTU	1	05/19/2025 10:19	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		58	mV	1	05/19/2025 10:19	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		744	µS/cm	1	05/19/2025 10:19	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.6	°C	1	05/19/2025 10:19	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.34	mg/L	1	05/19/2025 10:19	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		7.08		1	05/19/2025 10:19	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		252	mg/L	1	05/20/2025 10:47	R365288
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/20/2025 10:47	R365288
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		522	mg/L	1	05/23/2025 12:40	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.51	mg/L	10	05/20/2025 9:33	R365320
Chloride	NELAP	1.00	5.00		16.1	mg/L	10	05/20/2025 9:33	R365320
Sulfate	NELAP	0.99	10.0		140	mg/L	10	05/20/2025 9:33	R365320
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		101	mg/L	1	05/27/2025 9:32	239343
Magnesium	NELAP	0.0055	0.0500		36.6	mg/L	1	05/27/2025 9:32	239343
Potassium	NELAP	0.0400	0.100		1.23	mg/L	1	05/27/2025 9:32	239343
Sodium	NELAP	0.0180	0.0500		29.8	mg/L	1	05/27/2025 9:32	239343
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 17:19	239343
Arsenic	NELAP	0.0004	0.0010		0.0015	mg/L	5	05/20/2025 17:19	239343
Barium	NELAP	0.0007	0.0010		0.138	mg/L	5	05/20/2025 17:19	239343
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:19	239343
Boron	NELAP	0.0092	0.0250		0.0621	mg/L	5	05/20/2025 17:19	239343
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:19	239343
Chromium	NELAP	0.0007	0.0015	J	0.0011	mg/L	5	05/20/2025 17:19	239343
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	05/20/2025 17:19	239343
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:19	239343
Lithium	*	0.0015	0.0030		0.0059	mg/L	5	05/20/2025 17:19	239343
Molybdenum	NELAP	0.0006	0.0015		0.0046	mg/L	5	05/20/2025 17:19	239343
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:19	239343
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/20/2025 17:19	239343
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:10	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-003
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-03
Collection Date: 05/20/2025 9:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.49	ft	1	05/20/2025 9:51	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.4	NTU	1	05/20/2025 9:51	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		201	mV	1	05/20/2025 9:51	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		820	µS/cm	1	05/20/2025 9:51	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.8	°C	1	05/20/2025 9:51	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.33	mg/L	1	05/20/2025 9:51	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.65		1	05/20/2025 9:51	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		350	mg/L	1	05/21/2025 9:29	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 9:29	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		608	mg/L	1	05/23/2025 12:41	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.26	mg/L	10	05/21/2025 10:01	R365314
Chloride	NELAP	1.00	5.00		30.7	mg/L	10	05/21/2025 10:01	R365314
Sulfate	NELAP	0.99	10.0		133	mg/L	10	05/21/2025 10:01	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		97.7	mg/L	1	05/28/2025 8:08	239419
Magnesium	NELAP	0.0055	0.0500		52.3	mg/L	1	05/28/2025 8:08	239419
Potassium	NELAP	0.0400	0.100		0.256	mg/L	1	05/28/2025 8:08	239419
Sodium	NELAP	0.0180	0.0500		49.6	mg/L	1	05/28/2025 8:08	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 12:00	239419
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 12:00	239419
Barium	NELAP	0.0007	0.0010		0.0430	mg/L	5	05/22/2025 12:00	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:00	239419
Boron	NELAP	0.0092	0.0250		1.49	mg/L	5	05/22/2025 12:00	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:00	239419
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/22/2025 12:00	239419
Cobalt	NELAP	0.0001	0.0010	J	0.0006	mg/L	5	05/22/2025 12:00	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:00	239419
Lithium	*	0.0015	0.0030	J	0.0017	mg/L	5	05/22/2025 12:00	239419
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/22/2025 12:00	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:00	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 12:00	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:12	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

Lab ID: 25050236-004

Client Sample ID: MW-05

Matrix: GROUNDWATER

Collection Date: 05/20/2025 10:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		26.24	ft	1	05/20/2025 10:26	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.2	NTU	1	05/20/2025 10:26	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		148	mV	1	05/20/2025 10:26	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1150	µS/cm	1	05/20/2025 10:26	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.0	°C	1	05/20/2025 10:26	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.64	mg/L	1	05/20/2025 10:26	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.50		1	05/20/2025 10:26	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		710	mg/L	1	05/21/2025 9:43	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 9:43	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		814	mg/L	1	05/23/2025 12:41	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.15	mg/L	10	05/21/2025 10:13	R365314
Chloride	NELAP	1.00	5.00		44.5	mg/L	10	05/21/2025 10:13	R365314
Sulfate	NELAP	0.99	10.0		10.4	mg/L	10	05/21/2025 10:13	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		170	mg/L	1	05/28/2025 8:08	239419
Magnesium	NELAP	0.0055	0.0500		92.7	mg/L	1	05/28/2025 8:08	239419
Potassium	NELAP	0.0400	0.100		0.666	mg/L	1	05/28/2025 8:08	239419
Sodium	NELAP	0.0180	0.0500		30.2	mg/L	1	05/28/2025 8:08	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 12:06	239419
Arsenic	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	05/22/2025 12:06	239419
Barium	NELAP	0.0007	0.0010		0.161	mg/L	5	05/22/2025 12:06	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:06	239419
Boron	NELAP	0.0092	0.0250		0.530	mg/L	5	05/22/2025 12:06	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:06	239419
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/22/2025 12:06	239419
Cobalt	NELAP	0.0001	0.0010	J	0.0005	mg/L	5	05/22/2025 12:06	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:06	239419
Lithium	*	0.0015	0.0030	J	0.0027	mg/L	5	05/22/2025 12:06	239419
Molybdenum	NELAP	0.0006	0.0015	J	0.0008	mg/L	5	05/22/2025 12:06	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:06	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 12:06	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:24	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-005
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-06
Collection Date: 05/19/2025 12:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.03	ft	1	05/19/2025 12:14	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		5.6	NTU	1	05/19/2025 12:14	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		123	mV	1	05/19/2025 12:14	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		669	µS/cm	1	05/19/2025 12:14	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.7	°C	1	05/19/2025 12:14	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		5.27	mg/L	1	05/19/2025 12:14	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.52		1	05/19/2025 12:14	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		281	mg/L	1	05/20/2025 10:54	R365288
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/20/2025 10:54	R365288
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		486	mg/L	1	05/23/2025 12:40	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.23	mg/L	10	05/20/2025 9:46	R365320
Chloride	NELAP	1.0	5.0	J	2.8	mg/L	10	05/20/2025 9:46	R365320
Sulfate	NELAP	0.99	10.0		124	mg/L	10	05/20/2025 9:46	R365320
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		93.8	mg/L	1	05/27/2025 9:33	239343
Magnesium	NELAP	0.0055	0.0500		40.4	mg/L	1	05/27/2025 9:33	239343
Potassium	NELAP	0.0400	0.100		0.305	mg/L	1	05/27/2025 9:33	239343
Sodium	NELAP	0.0180	0.0500		24.7	mg/L	1	05/27/2025 9:33	239343
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 17:25	239343
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 17:25	239343
Barium	NELAP	0.0007	0.0010		0.0478	mg/L	5	05/20/2025 17:25	239343
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:25	239343
Boron	NELAP	0.0092	0.0250		1.26	mg/L	5	05/20/2025 17:25	239343
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:25	239343
Chromium	NELAP	0.0007	0.0015		0.0018	mg/L	5	05/20/2025 17:25	239343
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	05/20/2025 17:25	239343
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:25	239343
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	05/20/2025 17:25	239343
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/20/2025 17:25	239343
Selenium	NELAP	0.0006	0.0010		0.0014	mg/L	5	05/20/2025 17:25	239343
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/20/2025 17:25	239343
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:26	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-006
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-07
Collection Date: 05/19/2025 11:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.69	ft	1	05/19/2025 11:40	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.0	NTU	1	05/19/2025 11:40	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-105	mV	1	05/19/2025 11:40	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		868	µS/cm	1	05/19/2025 11:40	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.1	°C	1	05/19/2025 11:40	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.18	mg/L	1	05/19/2025 11:40	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		7.06		1	05/19/2025 11:40	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		351	mg/L	1	05/20/2025 11:09	R365288
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/20/2025 11:09	R365288
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		282	mg/L	1	05/23/2025 12:40	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.30	mg/L	10	05/20/2025 9:58	R365320
Chloride	NELAP	1.0	5.0	J	2.4	mg/L	10	05/20/2025 9:58	R365320
Sulfate	NELAP	0.99	10.0		196	mg/L	10	05/20/2025 9:58	R365320
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		129	mg/L	1	05/27/2025 9:34	239343
Magnesium	NELAP	0.0055	0.0500		52.6	mg/L	1	05/27/2025 9:34	239343
Potassium	NELAP	0.0400	0.100		2.42	mg/L	1	05/27/2025 9:34	239343
Sodium	NELAP	0.0180	0.0500		18.8	mg/L	1	05/27/2025 9:34	239343
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 17:31	239343
Arsenic	NELAP	0.0004	0.0010		0.0025	mg/L	5	05/20/2025 17:31	239343
Barium	NELAP	0.0007	0.0010		0.0617	mg/L	5	05/20/2025 17:31	239343
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:31	239343
Boron	NELAP	0.0092	0.0250		0.307	mg/L	5	05/20/2025 17:31	239343
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:31	239343
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/20/2025 17:31	239343
Cobalt	NELAP	0.0001	0.0010		0.0048	mg/L	5	05/20/2025 17:31	239343
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:31	239343
Lithium	*	0.0015	0.0030		0.0034	mg/L	5	05/20/2025 17:31	239343
Molybdenum	NELAP	0.0006	0.0015		0.0088	mg/L	5	05/20/2025 17:31	239343
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:31	239343
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/20/2025 17:31	239343
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:28	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-007
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-07S
Collection Date: 05/19/2025 11:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.50	ft	1	05/19/2025 11:19	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		5.6	NTU	1	05/19/2025 11:19	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		90	mV	1	05/19/2025 11:19	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1600	µS/cm	1	05/19/2025 11:19	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.4	°C	1	05/19/2025 11:19	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.34	mg/L	1	05/19/2025 11:19	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.56		1	05/19/2025 11:19	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		422	mg/L	1	05/20/2025 11:18	R365288
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/20/2025 11:18	R365288
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		232	mg/L	1	05/23/2025 12:40	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.33	mg/L	10	05/20/2025 10:11	R365320
Chloride	NELAP	1.00	5.00		6.60	mg/L	10	05/20/2025 10:11	R365320
Sulfate	NELAP	0.99	10.0		499	mg/L	10	05/20/2025 10:11	R365320
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		183	mg/L	1	05/27/2025 9:35	239343
Magnesium	NELAP	0.0055	0.0500		72.0	mg/L	1	05/27/2025 9:35	239343
Potassium	NELAP	0.0400	0.100		2.80	mg/L	1	05/27/2025 9:35	239343
Sodium	NELAP	0.0180	0.0500		110	mg/L	1	05/27/2025 9:35	239343
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 17:38	239343
Arsenic	NELAP	0.0004	0.0010		0.0114	mg/L	5	05/20/2025 17:38	239343
Barium	NELAP	0.0007	0.0010		0.0409	mg/L	5	05/20/2025 17:38	239343
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:38	239343
Boron	NELAP	0.0092	0.0250		5.54	mg/L	5	05/20/2025 17:38	239343
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:38	239343
Chromium	NELAP	0.0007	0.0015	J	0.0007	mg/L	5	05/20/2025 17:38	239343
Cobalt	NELAP	0.0001	0.0010		0.0013	mg/L	5	05/20/2025 17:38	239343
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:38	239343
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	05/20/2025 17:38	239343
Molybdenum	NELAP	0.0006	0.0015		0.0018	mg/L	5	05/20/2025 17:38	239343
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:38	239343
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/20/2025 17:38	239343
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:30	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-008
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-08
Collection Date: 05/19/2025 11:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.84	ft	1	05/19/2025 11:04	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.0	NTU	1	05/19/2025 11:04	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		168	mV	1	05/19/2025 11:04	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1110	µS/cm	1	05/19/2025 11:04	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.4	°C	1	05/19/2025 11:04	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.27	mg/L	1	05/19/2025 11:04	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.51		1	05/19/2025 11:04	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		450	mg/L	1	05/20/2025 11:26	R365288
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/20/2025 11:26	R365288
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		838	mg/L	1	05/23/2025 12:41	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.24	mg/L	10	05/20/2025 11:02	R365320
Chloride	NELAP	1.00	5.00		19.1	mg/L	10	05/20/2025 11:02	R365320
Sulfate	NELAP	0.99	10.0		206	mg/L	10	05/20/2025 11:02	R365320
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		152	mg/L	1	05/27/2025 9:35	239343
Magnesium	NELAP	0.0055	0.0500		70.7	mg/L	1	05/27/2025 9:35	239343
Potassium	NELAP	0.0400	0.100		0.544	mg/L	1	05/27/2025 9:35	239343
Sodium	NELAP	0.0180	0.0500		30.4	mg/L	1	05/27/2025 9:35	239343
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 17:44	239343
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 17:44	239343
Barium	NELAP	0.0007	0.0010		0.0186	mg/L	5	05/20/2025 17:44	239343
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:44	239343
Boron	NELAP	0.0092	0.0250		0.886	mg/L	5	05/20/2025 17:44	239343
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:44	239343
Chromium	NELAP	0.0007	0.0015		0.0051	mg/L	5	05/20/2025 17:44	239343
Cobalt	NELAP	0.0001	0.0010		0.0010	mg/L	5	05/20/2025 17:44	239343
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:44	239343
Lithium	*	0.0015	0.0030	J	0.0019	mg/L	5	05/20/2025 17:44	239343
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/20/2025 17:44	239343
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:44	239343
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/20/2025 17:44	239343
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:33	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-009
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-08S
Collection Date: 05/19/2025 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.02	ft	1	05/19/2025 10:46	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		Dry	NTU	1	05/19/2025 0:00	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		Dry	mV	1	05/19/2025 0:00	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		Dry	µS/cm	1	05/19/2025 0:00	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		Dry	°C	1	05/19/2025 0:00	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		Dry	mg/L	1	05/19/2025 0:00	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		Dry		1	05/19/2025 0:00	R365498



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-010
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-11
Collection Date: 05/20/2025 12:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		11.98	ft	1	05/20/2025 12:29	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		20	NTU	1	05/20/2025 12:29	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		155	mV	1	05/20/2025 12:29	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		868	µS/cm	1	05/20/2025 12:29	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.9	°C	1	05/20/2025 12:29	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.05	mg/L	1	05/20/2025 12:29	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.76		1	05/20/2025 12:29	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		389	mg/L	1	05/21/2025 9:52	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 9:52	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	40	50		640	mg/L	2.5	05/23/2025 12:42	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.50	mg/L	10	05/21/2025 10:48	R365314
Chloride	NELAP	1.00	5.00		32.1	mg/L	10	05/21/2025 10:48	R365314
Sulfate	NELAP	0.99	10.0		109	mg/L	10	05/21/2025 10:48	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		118	mg/L	1	05/28/2025 8:09	239419
Magnesium	NELAP	0.0055	0.0500		52.2	mg/L	1	05/28/2025 8:09	239419
Potassium	NELAP	0.0400	0.100		1.08	mg/L	1	05/28/2025 8:09	239419
Sodium	NELAP	0.0180	0.0500		46.1	mg/L	1	05/28/2025 8:09	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 12:12	239419
Arsenic	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	05/22/2025 12:12	239419
Barium	NELAP	0.0007	0.0010		0.121	mg/L	5	05/22/2025 12:12	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:12	239419
Boron	NELAP	0.0092	0.0250		1.35	mg/L	5	05/22/2025 12:12	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:12	239419
Chromium	NELAP	0.0007	0.0015	J	0.0013	mg/L	5	05/22/2025 12:12	239419
Cobalt	NELAP	0.0001	0.0010		0.0014	mg/L	5	05/22/2025 12:12	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:12	239419
Lithium	*	0.0015	0.0030	J	0.0026	mg/L	5	05/22/2025 12:12	239419
Molybdenum	NELAP	0.0006	0.0015		0.0021	mg/L	5	05/22/2025 12:12	239419
Selenium	NELAP	0.0006	0.0010		0.0014	mg/L	5	05/22/2025 12:12	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 12:12	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:35	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-011
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-12
Collection Date: 05/19/2025 13:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.71	ft	1	05/19/2025 13:47	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		130	NTU	1	05/19/2025 13:47	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-31	mV	1	05/19/2025 13:47	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1330	µS/cm	1	05/19/2025 13:47	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.1	°C	1	05/19/2025 13:47	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.29	mg/L	1	05/19/2025 13:47	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.78		1	05/19/2025 13:47	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		518	mg/L	1	05/20/2025 11:01	R365288
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/20/2025 11:01	R365288
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	80	100		1170	mg/L	5	05/23/2025 12:41	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.23	mg/L	10	05/20/2025 11:14	R365320
Chloride	NELAP	1.00	5.00		28.6	mg/L	10	05/20/2025 11:14	R365320
Sulfate	NELAP	0.99	10.0		365	mg/L	10	05/20/2025 11:14	R365320
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		204	mg/L	1	05/27/2025 9:36	239343
Magnesium	NELAP	0.0055	0.0500		86.9	mg/L	1	05/27/2025 9:36	239343
Potassium	NELAP	0.0400	0.100		2.33	mg/L	1	05/27/2025 9:36	239343
Sodium	NELAP	0.0180	0.0500		57.8	mg/L	1	05/27/2025 9:36	239343
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 17:50	239343
Arsenic	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	05/20/2025 17:50	239343
Barium	NELAP	0.0007	0.0010		0.0806	mg/L	5	05/20/2025 17:50	239343
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:50	239343
Boron	NELAP	0.0092	0.0250		3.28	mg/L	5	05/20/2025 17:50	239343
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:50	239343
Chromium	NELAP	0.0007	0.0015	J	0.0012	mg/L	5	05/20/2025 17:50	239343
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	05/20/2025 17:50	239343
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:50	239343
Lithium	*	0.0015	0.0030		0.0094	mg/L	5	05/20/2025 17:50	239343
Molybdenum	NELAP	0.0006	0.0015	J	0.0010	mg/L	5	05/20/2025 17:50	239343
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:50	239343
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/20/2025 17:50	239343
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:37	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-012
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-20
Collection Date: 05/20/2025 11:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.95	ft	1	05/20/2025 11:04	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		13	NTU	1	05/20/2025 11:04	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		161	mV	1	05/20/2025 11:04	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		920	µS/cm	1	05/20/2025 11:04	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.5	°C	1	05/20/2025 11:04	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.41	mg/L	1	05/20/2025 11:04	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.73		1	05/20/2025 11:04	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		422	mg/L	1	05/21/2025 10:00	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 10:00	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		744	mg/L	1	05/23/2025 12:42	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.30	mg/L	10	05/21/2025 10:59	R365314
Chloride	NELAP	1.00	5.00		20.8	mg/L	10	05/21/2025 10:59	R365314
Sulfate	NELAP	0.99	10.0		167	mg/L	10	05/21/2025 10:59	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		132	mg/L	1	05/28/2025 8:15	239419
Magnesium	NELAP	0.0055	0.0500		67.8	mg/L	1	05/28/2025 8:15	239419
Potassium	NELAP	0.0400	0.100		0.932	mg/L	1	05/28/2025 8:15	239419
Sodium	NELAP	0.0180	0.0500		24.0	mg/L	1	05/28/2025 8:15	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 12:18	239419
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 12:18	239419
Barium	NELAP	0.0007	0.0010		0.0870	mg/L	5	05/22/2025 12:18	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:18	239419
Boron	NELAP	0.0092	0.0250		0.716	mg/L	5	05/22/2025 12:18	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:18	239419
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/22/2025 12:18	239419
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	05/22/2025 12:18	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:18	239419
Lithium	*	0.0015	0.0030		0.0039	mg/L	5	05/22/2025 12:18	239419
Molybdenum	NELAP	0.0006	0.0015		0.0021	mg/L	5	05/22/2025 12:18	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:18	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 12:18	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:39	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-013
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-20S
Collection Date: 05/20/2025 12:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.70	ft	1	05/20/2025 12:22	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		170	NTU	1	05/20/2025 12:22	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		87	mV	1	05/20/2025 12:22	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1310	µS/cm	1	05/20/2025 12:22	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.7	°C	1	05/20/2025 12:22	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.33	mg/L	1	05/20/2025 12:22	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.50		1	05/20/2025 12:22	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		446	mg/L	1	05/21/2025 10:08	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 10:08	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		960	mg/L	1	05/23/2025 12:42	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.10	mg/L	10	05/21/2025 11:11	R365314
Chloride	NELAP	1.00	5.00		18.7	mg/L	10	05/21/2025 11:11	R365314
Sulfate	NELAP	0.99	10.0		303	mg/L	10	05/21/2025 11:11	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		177	mg/L	1	05/28/2025 8:16	239419
Magnesium	NELAP	0.0055	0.0500		91.6	mg/L	1	05/28/2025 8:16	239419
Potassium	NELAP	0.0400	0.100		0.227	mg/L	1	05/28/2025 8:16	239419
Sodium	NELAP	0.0180	0.0500		30.9	mg/L	1	05/28/2025 8:16	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 12:55	239419
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 12:55	239419
Barium	NELAP	0.0007	0.0010		0.0307	mg/L	5	05/22/2025 12:55	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:55	239419
Boron	NELAP	0.0092	0.0250		1.63	mg/L	5	05/22/2025 12:55	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:55	239419
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/22/2025 12:55	239419
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	05/22/2025 12:55	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:55	239419
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	05/22/2025 12:55	239419
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/22/2025 12:55	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:55	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 12:55	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:42	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-014
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-23
Collection Date: 05/20/2025 11:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.11	ft	1	05/20/2025 11:52	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.8	NTU	1	05/20/2025 11:52	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		132	mV	1	05/20/2025 11:52	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		867	µS/cm	1	05/20/2025 11:52	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.1	°C	1	05/20/2025 11:52	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.16	mg/L	1	05/20/2025 11:52	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.73		1	05/20/2025 11:52	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		486	mg/L	1	05/21/2025 10:16	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 10:16	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		606	mg/L	1	05/23/2025 12:42	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.34	mg/L	10	05/21/2025 11:23	R365314
Chloride	NELAP	1.00	5.00		23.9	mg/L	10	05/21/2025 11:23	R365314
Sulfate	NELAP	0.99	10.0		48.1	mg/L	10	05/21/2025 11:23	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		112	mg/L	1	05/28/2025 8:16	239419
Magnesium	NELAP	0.0055	0.0500		52.3	mg/L	1	05/28/2025 8:16	239419
Potassium	NELAP	0.0400	0.100		0.545	mg/L	1	05/28/2025 8:16	239419
Sodium	NELAP	0.0180	0.0500		49.2	mg/L	1	05/28/2025 8:16	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 13:01	239419
Arsenic	NELAP	0.0004	0.0010		0.0010	mg/L	5	05/22/2025 13:01	239419
Barium	NELAP	0.0007	0.0010		0.0917	mg/L	5	05/22/2025 13:01	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:01	239419
Boron	NELAP	0.0092	0.0250		2.09	mg/L	5	05/22/2025 13:01	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:01	239419
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/22/2025 13:01	239419
Cobalt	NELAP	0.0001	0.0010		0.0011	mg/L	5	05/22/2025 13:01	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:01	239419
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	05/22/2025 13:01	239419
Molybdenum	NELAP	0.0006	0.0015	J	0.0011	mg/L	5	05/22/2025 13:01	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:01	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 13:01	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:44	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-015
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-27
Collection Date: 05/19/2025 13:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.45	ft	1	05/19/2025 13:06	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		Dry	NTU	1	05/19/2025 13:06	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		Dry	mV	1	05/19/2025 13:06	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		Dry	µS/cm	1	05/19/2025 13:06	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		Dry	°C	1	05/19/2025 13:06	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		Dry	mg/L	1	05/19/2025 13:06	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		Dry		1	05/19/2025 13:06	R365498



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-016
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-28
Collection Date: 05/19/2025 12:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.34	ft	1	05/19/2025 12:59	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.6	NTU	1	05/19/2025 12:59	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		155	mV	1	05/19/2025 12:59	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1960	µS/cm	1	05/19/2025 12:59	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.2	°C	1	05/19/2025 12:59	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.23	mg/L	1	05/19/2025 12:59	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.68		1	05/19/2025 12:59	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		438	mg/L	1	05/20/2025 11:34	R365288
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/20/2025 11:34	R365288
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		1900	mg/L	1	05/23/2025 12:41	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.14	mg/L	10	05/20/2025 11:27	R365320
Chloride	NELAP	1.00	5.00		8.31	mg/L	10	05/20/2025 11:27	R365320
Sulfate	NELAP	0.99	10.0		981	mg/L	10	05/20/2025 11:27	R365320
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		283	mg/L	1	05/27/2025 9:37	239343
Magnesium	NELAP	0.0055	0.0500		130	mg/L	1	05/27/2025 9:37	239343
Potassium	NELAP	0.0400	0.100		0.940	mg/L	1	05/27/2025 9:37	239343
Sodium	NELAP	0.0180	0.0500		127	mg/L	1	05/27/2025 9:37	239343
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 17:56	239343
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 17:56	239343
Barium	NELAP	0.0007	0.0010		0.0310	mg/L	5	05/20/2025 17:56	239343
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:56	239343
Boron	NELAP	0.0092	0.0250		9.03	mg/L	5	05/20/2025 17:56	239343
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 17:56	239343
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/20/2025 17:56	239343
Cobalt	NELAP	0.0001	0.0010	J	0.0006	mg/L	5	05/20/2025 17:56	239343
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:56	239343
Lithium	*	0.0015	0.0030		0.0071	mg/L	5	05/20/2025 17:56	239343
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/20/2025 17:56	239343
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 17:56	239343
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/20/2025 17:56	239343
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:55	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-017
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-30
Collection Date: 05/20/2025 9:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		24.76	ft	1	05/20/2025 9:52	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.7	NTU	1	05/20/2025 9:52	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		47	mV	1	05/20/2025 9:52	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1090	µS/cm	1	05/20/2025 9:52	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.4	°C	1	05/20/2025 9:52	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.09	mg/L	1	05/20/2025 9:52	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.41		1	05/20/2025 9:52	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		546	mg/L	1	05/21/2025 10:24	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 10:24	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	40	50		625	mg/L	2.5	05/23/2025 12:42	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.31	mg/L	10	05/21/2025 11:34	R365314
Chloride	NELAP	1.00	5.00		36.4	mg/L	10	05/21/2025 11:34	R365314
Sulfate	NELAP	0.99	10	J	1.7	mg/L	10	05/21/2025 11:34	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		109	mg/L	1	05/28/2025 8:17	239419
Magnesium	NELAP	0.0055	0.0500		56.9	mg/L	1	05/28/2025 8:17	239419
Potassium	NELAP	0.0400	0.100		0.775	mg/L	1	05/28/2025 8:17	239419
Sodium	NELAP	0.0180	0.0500		49.4	mg/L	1	05/28/2025 8:17	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 13:07	239419
Arsenic	NELAP	0.0004	0.0010		0.0039	mg/L	5	05/22/2025 13:07	239419
Barium	NELAP	0.0007	0.0010		0.151	mg/L	5	05/22/2025 13:07	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:07	239419
Boron	NELAP	0.0092	0.0250		1.11	mg/L	5	05/22/2025 13:07	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:07	239419
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/22/2025 13:07	239419
Cobalt	NELAP	0.0001	0.0010		0.0022	mg/L	5	05/22/2025 13:07	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:07	239419
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	05/22/2025 13:07	239419
Molybdenum	NELAP	0.0006	0.0015	J	0.0010	mg/L	5	05/22/2025 13:07	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:07	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 13:07	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 16:58	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-018
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-31
Collection Date: 05/20/2025 10:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		30.20	ft	1	05/20/2025 10:43	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.8	NTU	1	05/20/2025 10:43	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		64	mV	1	05/20/2025 10:43	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1160	µS/cm	1	05/20/2025 10:43	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.2	°C	1	05/20/2025 10:43	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.02	mg/L	1	05/20/2025 10:43	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.45		1	05/20/2025 10:43	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		582	mg/L	1	05/21/2025 10:32	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 10:32	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	40	50		725	mg/L	2.5	05/23/2025 12:42	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.11	mg/L	10	05/21/2025 11:46	R365314
Chloride	NELAP	1.00	5.00		47.7	mg/L	10	05/21/2025 11:46	R365314
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	05/21/2025 11:46	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		139	mg/L	1	05/28/2025 8:18	239419
Magnesium	NELAP	0.0055	0.0500		66.2	mg/L	1	05/28/2025 8:18	239419
Potassium	NELAP	0.0400	0.100		0.945	mg/L	1	05/28/2025 8:18	239419
Sodium	NELAP	0.0180	0.0500		27.4	mg/L	1	05/28/2025 8:18	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 13:13	239419
Arsenic	NELAP	0.0004	0.0010		0.0016	mg/L	5	05/22/2025 13:13	239419
Barium	NELAP	0.0007	0.0010		0.259	mg/L	5	05/22/2025 13:13	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:13	239419
Boron	NELAP	0.0092	0.0250		0.321	mg/L	5	05/22/2025 13:13	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:13	239419
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/22/2025 13:13	239419
Cobalt	NELAP	0.0001	0.0010	J	0.0006	mg/L	5	05/22/2025 13:13	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:13	239419
Lithium	*	0.0015	0.0030		0.0060	mg/L	5	05/22/2025 13:13	239419
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/22/2025 13:13	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:13	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 13:13	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 17:00	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-019
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-31S
Collection Date: 05/19/2025 13:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		23.06	ft	1	05/19/2025 13:43	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		6.6	NTU	1	05/19/2025 13:43	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		59	mV	1	05/19/2025 13:43	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1380	µS/cm	1	05/19/2025 13:43	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.1	°C	1	05/19/2025 13:43	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.46	mg/L	1	05/19/2025 13:43	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.56		1	05/19/2025 13:43	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		771	mg/L	1	05/20/2025 11:43	R365288
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/20/2025 11:43	R365288
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	160	200		760	mg/L	10	05/23/2025 12:41	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.32	mg/L	10	05/20/2025 11:40	R365320
Chloride	NELAP	1.00	5.00		9.89	mg/L	10	05/20/2025 11:40	R365320
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	05/20/2025 11:40	R365320
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	174	mg/L	1	05/27/2025 9:51	239343
Magnesium	NELAP	0.0055	0.0500	S	92.6	mg/L	1	05/27/2025 9:51	239343
Potassium	NELAP	0.0400	0.100		0.940	mg/L	1	05/27/2025 9:51	239343
Sodium	NELAP	0.0180	0.0500		21.2	mg/L	1	05/27/2025 9:51	239343
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 18:03	239343
Arsenic	NELAP	0.0004	0.0010		0.0338	mg/L	5	05/20/2025 18:03	239343
Barium	NELAP	0.0007	0.0010		0.358	mg/L	5	05/20/2025 18:03	239343
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 18:03	239343
Boron	NELAP	0.0092	0.0250		0.0724	mg/L	5	05/20/2025 18:03	239343
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 18:03	239343
Chromium	NELAP	0.0007	0.0015	J	0.0007	mg/L	5	05/20/2025 18:03	239343
Cobalt	NELAP	0.0001	0.0010		0.0029	mg/L	5	05/20/2025 18:03	239343
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 18:03	239343
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	05/20/2025 18:03	239343
Molybdenum	NELAP	0.0006	0.0015	J	0.0009	mg/L	5	05/20/2025 18:03	239343
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 18:03	239343
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/20/2025 18:03	239343
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 17:02	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

Lab ID: 25050236-020

Client Sample ID: MW-32

Matrix: GROUNDWATER

Collection Date: 05/20/2025 11:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		23.62	ft	1	05/20/2025 11:37	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.3	NTU	1	05/20/2025 11:37	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		95	mV	1	05/20/2025 11:37	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1430	µS/cm	1	05/20/2025 11:37	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.9	°C	1	05/20/2025 11:37	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.02	mg/L	1	05/20/2025 11:37	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.28		1	05/20/2025 11:37	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		518	mg/L	1	05/21/2025 10:41	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 10:41	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		1000	mg/L	1	05/23/2025 12:42	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.11	mg/L	10	05/21/2025 12:33	R365314
Chloride	NELAP	1.00	5.00		9.72	mg/L	10	05/21/2025 12:33	R365314
Sulfate	NELAP	0.99	10.0		309	mg/L	10	05/21/2025 12:33	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		167	mg/L	1	05/28/2025 8:19	239419
Magnesium	NELAP	0.0055	0.0500		88.5	mg/L	1	05/28/2025 8:19	239419
Potassium	NELAP	0.0400	0.100		0.434	mg/L	1	05/28/2025 8:19	239419
Sodium	NELAP	0.0180	0.0500		66.1	mg/L	1	05/28/2025 8:19	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 13:19	239419
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 13:19	239419
Barium	NELAP	0.0007	0.0010		0.0438	mg/L	5	05/22/2025 13:19	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:19	239419
Boron	NELAP	0.0092	0.0250		1.78	mg/L	5	05/22/2025 13:19	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:19	239419
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/22/2025 13:19	239419
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	05/22/2025 13:19	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:19	239419
Lithium	*	0.0015	0.0030	J	0.0015	mg/L	5	05/22/2025 13:19	239419
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/22/2025 13:19	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:19	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 13:19	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 17:04	239397



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

Lab ID: 25050236-021

Client Sample ID: PZ4C

Matrix: GROUNDWATER

Collection Date: 05/20/2025 13:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.86	ft	1	05/20/2025 13:02	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		33	NTU	1	05/20/2025 13:02	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		94	mV	1	05/20/2025 13:02	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		997	µS/cm	1	05/20/2025 13:02	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.0	°C	1	05/20/2025 13:02	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.21	mg/L	1	05/20/2025 13:02	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.67		1	05/20/2025 13:02	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		422	mg/L	1	05/21/2025 10:49	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 10:49	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	40	50		575	mg/L	2.5	05/23/2025 12:43	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.33	mg/L	10	05/21/2025 12:44	R365314
Chloride	NELAP	1.00	5.00		32.4	mg/L	10	05/21/2025 12:44	R365314
Sulfate	NELAP	0.99	10.0		69.2	mg/L	10	05/21/2025 12:44	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		119	mg/L	1	05/28/2025 8:20	239419
Magnesium	NELAP	0.0055	0.0500		47.4	mg/L	1	05/28/2025 8:20	239419
Potassium	NELAP	0.0400	0.100		1.29	mg/L	1	05/28/2025 8:20	239419
Sodium	NELAP	0.0180	0.0500		39.5	mg/L	1	05/28/2025 8:20	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 13:25	239419
Arsenic	NELAP	0.0004	0.0010		0.0013	mg/L	5	05/22/2025 13:25	239419
Barium	NELAP	0.0007	0.0010		0.272	mg/L	5	05/22/2025 13:25	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:25	239419
Boron	NELAP	0.0092	0.0250		1.60	mg/L	5	05/22/2025 13:25	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:25	239419
Chromium	NELAP	0.0007	0.0015		0.0015	mg/L	5	05/22/2025 13:25	239419
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	05/22/2025 13:25	239419
Lead	NELAP	0.0006	0.0010	J	0.0007	mg/L	5	05/22/2025 13:25	239419
Lithium	*	0.0015	0.0030		0.0077	mg/L	5	05/22/2025 13:25	239419
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/22/2025 13:25	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:25	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 13:25	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 18:47	239398



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-022
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: XSG-01
Collection Date: 05/19/2025 11:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.00	ft	1	05/19/2025 11:36	R365498



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-023
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: YSG-03
Collection Date: 05/19/2025 11:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		13.02	ft	1	05/19/2025 11:41	R365498



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-024
Matrix: AQUEOUS

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: Field Blank
Collection Date: 05/20/2025 13:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		1	mg/L	1	05/21/2025 10:57	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 10:57	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20	J	18	mg/L	1	05/23/2025 12:43	R365834
<i>Stability in final weights could not be achieved after multiple drying, cooling, and weighing cycles.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	05/21/2025 12:56	R365314
Chloride	NELAP	1.00	5.00		ND	mg/L	10	05/21/2025 12:56	R365314
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	05/21/2025 12:56	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		< 0.100	mg/L	1	05/28/2025 8:20	239419
Magnesium	NELAP	0.0055	0.050	J	0.0098	mg/L	1	05/28/2025 8:20	239419
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	05/28/2025 8:20	239419
Sodium	NELAP	0.018	0.050	J	0.022	mg/L	1	05/28/2025 8:20	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 12:49	239419
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 12:49	239419
Barium	NELAP	0.0007	0.0010		< 0.0010	mg/L	5	05/22/2025 12:49	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:49	239419
Boron	NELAP	0.0092	0.0250		< 0.0250	mg/L	5	05/22/2025 12:49	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 12:49	239419
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	05/22/2025 12:49	239419
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	05/22/2025 12:49	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:49	239419
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	05/22/2025 12:49	239419
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/22/2025 12:49	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 12:49	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 12:49	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 18:49	239398



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-025
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: MW-02 Duplicate
Collection Date: 05/19/2025 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.62	ft	1	05/19/2025 10:19	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		17	NTU	1	05/19/2025 10:19	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		58	mV	1	05/19/2025 10:19	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		744	µS/cm	1	05/19/2025 10:19	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.6	°C	1	05/19/2025 10:19	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.34	mg/L	1	05/19/2025 10:19	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		7.08		1	05/19/2025 10:19	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		254	mg/L	1	05/20/2025 11:53	R365288
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/20/2025 11:53	R365288
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		512	mg/L	1	05/23/2025 12:41	R365677
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.53	mg/L	10	05/20/2025 11:52	R365320
Chloride	NELAP	1.00	5.00		16.2	mg/L	10	05/20/2025 11:52	R365320
Sulfate	NELAP	0.99	10.0		141	mg/L	10	05/20/2025 11:52	R365320
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		100	mg/L	1	05/27/2025 9:53	239343
Magnesium	NELAP	0.0055	0.0500		36.2	mg/L	1	05/27/2025 9:53	239343
Potassium	NELAP	0.0400	0.100		1.19	mg/L	1	05/27/2025 9:53	239343
Sodium	NELAP	0.0180	0.0500		29.1	mg/L	1	05/27/2025 9:53	239343
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/20/2025 19:05	239343
Arsenic	NELAP	0.0004	0.0010		0.0014	mg/L	5	05/20/2025 19:05	239343
Barium	NELAP	0.0007	0.0010		0.127	mg/L	5	05/20/2025 19:05	239343
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 19:05	239343
Boron	NELAP	0.0092	0.0250		0.0591	mg/L	5	05/20/2025 19:05	239343
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/20/2025 19:05	239343
Chromium	NELAP	0.0007	0.0015	J	0.0009	mg/L	5	05/20/2025 19:05	239343
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	05/20/2025 19:05	239343
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 19:05	239343
Lithium	*	0.0015	0.0030		0.0051	mg/L	5	05/20/2025 19:05	239343
Molybdenum	NELAP	0.0006	0.0015		0.0043	mg/L	5	05/20/2025 19:05	239343
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/20/2025 19:05	239343
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/20/2025 19:05	239343
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 18:51	239398



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

Lab ID: 25050236-026

Client Sample ID: MW-20 Duplicate

Matrix: GROUNDWATER

Collection Date: 05/20/2025 11:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.95	ft	1	05/20/2025 11:04	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		13	NTU	1	05/20/2025 11:04	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		161	mV	1	05/20/2025 11:04	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		920	µS/cm	1	05/20/2025 11:04	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.5	°C	1	05/20/2025 11:04	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.41	mg/L	1	05/20/2025 11:04	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.73		1	05/20/2025 11:04	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		442	mg/L	1	05/21/2025 10:59	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 10:59	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	16	20		696	mg/L	1	05/23/2025 12:43	R365834
<i>Stability in final weights could not be achieved after multiple drying, cooling, and weighing cycles.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.26	mg/L	10	05/21/2025 13:08	R365314
Chloride	NELAP	1.00	5.00		21.0	mg/L	10	05/21/2025 13:08	R365314
Sulfate	NELAP	0.99	10.0		167	mg/L	10	05/21/2025 13:08	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		136	mg/L	1	05/28/2025 8:21	239419
Magnesium	NELAP	0.0055	0.0500		71.1	mg/L	1	05/28/2025 8:21	239419
Potassium	NELAP	0.0400	0.100		1.01	mg/L	1	05/28/2025 8:21	239419
Sodium	NELAP	0.0180	0.0500		24.8	mg/L	1	05/28/2025 8:21	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 13:31	239419
Arsenic	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	05/22/2025 13:31	239419
Barium	NELAP	0.0007	0.0010		0.0872	mg/L	5	05/22/2025 13:31	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:31	239419
Boron	NELAP	0.0092	0.0250		0.773	mg/L	5	05/22/2025 13:31	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:31	239419
Chromium	NELAP	0.0007	0.0015	J	0.0014	mg/L	5	05/22/2025 13:31	239419
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	05/22/2025 13:31	239419
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:31	239419
Lithium	*	0.0015	0.0030		0.0041	mg/L	5	05/22/2025 13:31	239419
Molybdenum	NELAP	0.0006	0.0015		0.0022	mg/L	5	05/22/2025 13:31	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:31	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 13:31	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 18:54	239398



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050236-027
Matrix: GROUNDWATER

Work Order: 25050236
Report Date: 04-Jun-25
Client Sample ID: PZ4C Duplicate
Collection Date: 05/20/2025 13:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.86	ft	1	05/20/2025 13:02	R365498
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		33	NTU	1	05/20/2025 13:02	R365498
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		94	mV	1	05/20/2025 13:02	R365498
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		997	µS/cm	1	05/20/2025 13:02	R365498
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.0	°C	1	05/20/2025 13:02	R365498
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.21	mg/L	1	05/20/2025 13:02	R365498
SW-846 9040B FIELD									
pH	*	0	1.00		6.67		1	05/20/2025 13:02	R365498
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		390	mg/L	1	05/21/2025 11:09	R365362
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/21/2025 11:09	R365362
STANDARD METHODS 2540 C (TOTAL) 2015									
Total Dissolved Solids	NELAP	40	50		630	mg/L	2.5	05/23/2025 12:43	R365834
<i>Stability in final weights could not be achieved after multiple drying, cooling, and weighing cycles.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.34	mg/L	10	05/21/2025 13:19	R365314
Chloride	NELAP	1.00	5.00		32.4	mg/L	10	05/21/2025 13:19	R365314
Sulfate	NELAP	0.99	10.0		69.2	mg/L	10	05/21/2025 13:19	R365314
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		117	mg/L	1	05/28/2025 8:35	239419
Magnesium	NELAP	0.0055	0.0500		46.4	mg/L	1	05/28/2025 8:35	239419
Potassium	NELAP	0.0400	0.100		1.38	mg/L	1	05/28/2025 8:35	239419
Sodium	NELAP	0.0180	0.0500		40.2	mg/L	1	05/28/2025 8:35	239419
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2025 13:37	239419
Arsenic	NELAP	0.0004	0.0010		0.0015	mg/L	5	05/22/2025 13:37	239419
Barium	NELAP	0.0007	0.0010		0.284	mg/L	5	05/22/2025 13:37	239419
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:37	239419
Boron	NELAP	0.0092	0.0250		1.64	mg/L	5	05/22/2025 13:37	239419
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	05/22/2025 13:37	239419
Chromium	NELAP	0.0007	0.0015		0.0023	mg/L	5	05/22/2025 13:37	239419
Cobalt	NELAP	0.0001	0.0010	J	0.0005	mg/L	5	05/22/2025 13:37	239419
Lead	NELAP	0.0006	0.0010	J	0.0008	mg/L	5	05/22/2025 13:37	239419
Lithium	*	0.0015	0.0030		0.0084	mg/L	5	05/22/2025 13:37	239419
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	05/22/2025 13:37	239419
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2025 13:37	239419
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2025 13:37	239419
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/21/2025 18:56	239398



Sample Summary

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25050236-001	MW-01	Groundwater	3	05/19/2025 10:19
25050236-002	MW-02	Groundwater	3	05/19/2025 10:19
25050236-003	MW-03	Groundwater	3	05/20/2025 9:51
25050236-004	MW-05	Groundwater	3	05/20/2025 10:26
25050236-005	MW-06	Groundwater	3	05/19/2025 12:14
25050236-006	MW-07	Groundwater	3	05/19/2025 11:40
25050236-007	MW-07S	Groundwater	3	05/19/2025 11:19
25050236-008	MW-08	Groundwater	3	05/19/2025 11:04
25050236-009	MW-08S	Groundwater	3	05/19/2025 0:00
25050236-010	MW-11	Groundwater	3	05/20/2025 12:29
25050236-011	MW-12	Groundwater	3	05/19/2025 13:47
25050236-012	MW-20	Groundwater	3	05/20/2025 11:04
25050236-013	MW-20S	Groundwater	3	05/20/2025 12:22
25050236-014	MW-23	Groundwater	3	05/20/2025 11:52
25050236-015	MW-27	Groundwater	3	05/19/2025 13:06
25050236-016	MW-28	Groundwater	3	05/19/2025 12:59
25050236-017	MW-30	Groundwater	3	05/20/2025 9:52
25050236-018	MW-31	Groundwater	3	05/20/2025 10:43
25050236-019	MW-31S	Groundwater	3	05/19/2025 13:43
25050236-020	MW-32	Groundwater	3	05/20/2025 11:37
25050236-021	PZ4C	Groundwater	3	05/20/2025 13:02
25050236-022	XSG-01	Groundwater	1	05/19/2025 11:36
25050236-023	YSG-03	Groundwater	1	05/19/2025 11:41
25050236-024	Field Blank	Aqueous	3	05/20/2025 13:02
25050236-025	MW-02 Duplicate	Groundwater	3	05/19/2025 10:19
25050236-026	MW-20 Duplicate	Groundwater	3	05/20/2025 11:04
25050236-027	PZ4C Duplicate	Groundwater	3	05/20/2025 13:02
25050236-028	Equipment Blank 1	Aqueous	3	
25050236-029	Equipment Blank 2	Aqueous	3	
25050236-030	Equipment Blank 3	Aqueous	3	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

STANDARD METHODS 2510 B FIELD

Batch R365498		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1420	1412	0	100.6	90	110	05/19/2025	

Batch R365498		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1390	1412	0	98.7	90	110	05/19/2025	

Batch R365498		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-BG											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field		*	0		1410	1412	0	100.1	90	110	05/20/2025

Batch R365498		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1390	1412	0	98.5	90	110	05/20/2025	

SW-846 9040B FIELD

Batch R365498		SampType: LCS		Units							
SampID: LCS-1-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4	05/19/2025	

Batch R365498		SampType: LCS		Units							
SampID: LCS-1-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.07	7.000	0	101.0	98.57	101.4	05/19/2025	

Batch R365498		SampType: LCS		Units							
SampID: LCS-2-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4	05/20/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW-846 9040B FIELD

Batch R365498		SampType: LCS		Units							
SampID: LCS-2-JC											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4	05/20/2025	

STANDARD METHODS 2540 C (TOTAL) 2015

Batch R365677		SampType: MBLK		Units mg/L						
SampID: MBLK										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/23/2025
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/23/2025

Batch R365677		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		250	250.0	0	100.0	90	110	05/23/2025	
Total Dissolved Solids		20		242	250.0	0	96.8	90	110	05/23/2025	

Batch R365677		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 25050236-011ADUP											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Dissolved Solids			100		1110				1170	5.26	05/23/2025

Batch R365677		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 25050236-017ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			50		630				625.0	0.80	05/23/2025

Batch R365677		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 25050236-021ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			50		620				575.0	7.53	05/23/2025

Batch R365677		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 25051440-013ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20	H	540				554.0	2.56	05/23/2025



Quality Control Results

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Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

STANDARD METHODS 2540 C (TOTAL) 2015

Batch R365677		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25051440-015ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Dissolved Solids			20	H	526				524.0	0.38	05/23/2025

Batch R365677		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25051676-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Dissolved Solids			200		16300				16260	0.49	05/23/2025

Batch R365834		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/27/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/27/2025	

Batch R365834		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		228	250.0	0	91.2	90	110		
Total Dissolved Solids		20		246	250.0	0	98.4	90	110	05/27/2025	

Batch R365834		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25051158-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			50		425				385.0	9.88	05/27/2025

Batch R365834		SampType: DUP		Units mg/L				RPD Limit 10				Date Analyzed
SampID: 25052128-001ADUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids			50		515				545.0	5.66	05/27/2025	

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R365314		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK/ICB											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		ND	0.0040	0	0	0	100	05/21/2025	
Chloride		0.50		ND	0.1000	0	0	0	100	05/21/2025	
Sulfate		1.00		ND	0.0990	0	0	0	100	05/21/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R365314		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.00	1.000	0	100.2	90	110	05/21/2025
Chloride		0.50		20.9	20.00	0	104.5	90	110	05/21/2025
Sulfate		1.00		19.2	20.00	0	95.9	90	110	05/21/2025

Batch R365314		SampType: MS		Units mg/L						
SampID: 25050236-004AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.3	10.00	0.1540	101.4	80	120	05/21/2025
Chloride		5.00		263	200.0	44.51	109.1	80	120	05/21/2025
Sulfate		10.0		206	200.0	10.38	97.7	80	120	05/21/2025

Batch R365314		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25050236-004AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.0	10.00	0.1540	98.7	10.30	2.68	05/21/2025
Chloride		5.00		256	200.0	44.51	105.9	262.6	2.44	05/21/2025
Sulfate		10.0		200	200.0	10.38	94.9	205.7	2.71	05/21/2025

Batch R365314		SampType: MS		Units mg/L						
SampID: 25051816-001FMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		5.00	S	73.8	100.0	0	73.8	80	120	05/21/2025
Chloride		50.0		3820	2000	1627	109.6	80	120	05/21/2025
Sulfate		100		2240	2000	351.5	94.5	80	120	05/21/2025

Batch R365314		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25051816-001FMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		5.00	S	73.6	100.0	0	73.6	73.82	0.24	05/21/2025
Chloride		50.0		3840	2000	1627	110.8	3819	0.63	05/21/2025
Sulfate		100		2250	2000	351.5	94.8	2241	0.29	05/21/2025



Quality Control Results

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Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R365320		SampType: MBLK		Units mg/L						
SampID: MBLK/ICB										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		ND	0.0040	0	0	0	100	05/20/2025
Chloride		0.50		ND	0.1000	0	0	0	100	05/20/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	05/20/2025

Batch R365320		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.01	1.000	0	101.5	90	110	05/20/2025
Chloride		0.50		20.3	20.00	0	101.7	90	110	05/20/2025
Sulfate		1.00		18.7	20.00	0	93.3	90	110	05/20/2025

Batch R365320		SampType: MS		Units mg/L						
SampID: 25050236-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.3	10.00	0.2040	101.3	80	120	05/20/2025
Chloride		5.00		220	200.0	15.43	102.4	80	120	05/20/2025
Sulfate		10.0		275	200.0	84.44	95.1	80	120	05/20/2025

Batch R365320		SampType: MSD		Units mg/L						RPD Limit 15	
SampID: 25050236-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.4	10.00	0.2040	101.5	10.33	0.21	05/20/2025
Chloride			5.00		219	200.0	15.43	101.8	220.1	0.50	05/20/2025
Sulfate			10.0		273	200.0	84.44	94.3	274.6	0.57	05/20/2025

Batch R365320		SampType: MS		Units mg/L							Date Analyzed
SampID: 25051676-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		50.0		10400	2000	8360	101.1	80	120	05/20/2025	

Batch R365320		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25051676-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			50.0		10700	2000	8360	117.7	10380	3.15	05/20/2025



Quality Control Results

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Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R365320		SampType: MS		Units mg/L						
SampID: 25051741-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.14	10.00	0.3000	88.4	80	120	05/20/2025
Chloride		5.00		185	200.0	10.99	87.2	80	120	05/20/2025
Sulfate		10.0		397	200.0	223.9	86.8	80	120	05/20/2025

Batch R365320		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25051741-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		10.1	10.00	0.3000	97.7	9.144	9.59		
Chloride		5.00		205	200.0	10.99	97.0	185.3	10.07		
Sulfate		10.0		412	200.0	223.9	94.0	397.5	3.57		

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 239343		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-239343											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Calcium		0.100		< 0.100	0.0350	0	0	-100	100		
Calcium		0.100		< 0.100	0.0350	0	0	-100	100		
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100		
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100		
Potassium		0.100		< 0.100	0.0400	0	0	-100	100		
Potassium		0.100		< 0.100	0.0400	0	0	-100	100		
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100		
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100		

Batch 239343		SampType: LCS		Units mg/L						
SampID: LCS-239343										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.04	5.000	0	100.8	85	115	05/20/2025
Calcium		0.100		4.74	5.000	0	94.8	85	115	05/27/2025
Magnesium		0.0500		4.68	5.000	0	93.6	85	115	05/27/2025
Magnesium		0.0500		4.84	5.000	0	96.7	85	115	05/20/2025
Potassium		0.100		5.18	5.000	0	103.6	85	115	05/27/2025
Potassium		0.100		4.95	5.000	0	99.0	85	115	05/20/2025
Sodium		0.0500		5.26	5.000	0	105.2	85	115	05/20/2025
Sodium		0.0500		5.32	5.000	0	106.4	85	115	05/27/2025



Quality Control Results

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Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 239343 SampType: MS Units mg/L

SampID: 25050236-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	182	5.000	174.1	158.2	75	125	05/27/2025
Magnesium		0.0500	S	99.6	5.000	92.56	140.6	75	125	05/27/2025
Potassium		0.100		6.74	5.000	0.9405	116.0	75	125	05/27/2025
Sodium		0.0500		26.8	5.000	21.20	112.4	75	125	05/27/2025

Batch 239343 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25050236-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	173	5.000	174.1	-25.0	182.0	5.16	05/27/2025
Magnesium		0.0500	S	94.5	5.000	92.56	38.6	99.59	5.26	05/27/2025
Potassium		0.100		6.46	5.000	0.9405	110.4	6.740	4.25	05/27/2025
Sodium		0.0500		25.5	5.000	21.20	86.8	26.82	4.89	05/27/2025

Batch 239419 SampType: MBLK Units mg/L

SampID: MBLK-239419

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/28/2025
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/21/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/28/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/21/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/21/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/28/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/28/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/21/2025

Batch 239419 SampType: LCS Units mg/L

SampID: LCS-239419

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.79	5.000	0	95.8	85	115	05/28/2025
Calcium		0.100		4.68	5.000	0	93.6	85	115	05/21/2025
Magnesium		0.0500		4.59	5.000	0	91.8	85	115	05/28/2025
Magnesium		0.0500		4.50	5.000	0	89.9	85	115	05/21/2025
Potassium		0.100		5.16	5.000	0	103.3	85	115	05/21/2025
Potassium		0.100		5.24	5.000	0	104.7	85	115	05/28/2025
Sodium		0.0500		5.18	5.000	0	103.5	85	115	05/21/2025
Sodium		0.0500		5.36	5.000	0	107.3	85	115	05/28/2025



Quality Control Results

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Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)

Batch 239417		SampType: MBLK		Units mg/L						
SampID: MBLK-239417										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	05/21/2025
Iron		0.0250	S	0.0270	0.0115	0	234.7	-100	100	05/21/2025
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	05/22/2025

Batch 239417		SampType: LCS		Units mg/L						
SampID: LCS-239417										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		0.979	1.000	0	97.9	80	120	05/21/2025
Iron		0.0250	B	3.94	4.000	0	98.5	80	120	05/21/2025

Batch 239462		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-239462											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	05/22/2025	
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	05/22/2025	

Batch 239462		SampType: LCS		Units mg/L						
SampID: LCS-239462										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		0.941	1.000	0	94.1	80	120	05/22/2025
Iron		0.0250		3.61	4.000	0	90.2	80	120	05/22/2025

Batch 239462		SampType: MS		Units mg/L							Date Analyzed
SampID: 25050236-026CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		0.0010		0.894	1.000	0	89.4	75	125	05/22/2025	
Iron		0.0250		3.33	4.000	0.01252	83.0	75	125	05/22/2025	

Batch 239462		SampType:	MSD	Units mg/L						RPD Limit 20		
SampID: 25050236-026CMSD											Date Analyzed	
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Arsenic				0.0010		0.936	1.000	0	93.6	0.8942	4.55	05/22/2025
Iron				0.0250		3.54	4.000	0.01252	88.2	3.333	6.04	05/22/2025



Quality Control Results

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Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 239343 SampType: MBLK Units mg/L
SampleID: MBLK-239343

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	05/20/2025
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	05/20/2025
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	05/20/2025
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	05/20/2025
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	05/20/2025
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	05/20/2025
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	05/20/2025
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	05/20/2025
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	05/20/2025
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	05/20/2025
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	05/20/2025
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	05/20/2025
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	05/20/2025

Batch 239343 SampType: LCS Units mg/L
SampleID: LCS-239343

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	S	1.20	1.000	0	120.2	80	120	05/20/2025
Arsenic		0.0010		1.01	1.000	0	101.2	80	120	05/20/2025
Barium		0.0010		4.68	4.000	0	117.1	80	120	05/20/2025
Beryllium		0.0010		0.0959	0.1000	0	95.9	80	120	05/20/2025
Boron		0.0250		0.964	1.000	0	96.4	80	120	05/20/2025
Cadmium		0.0010		0.112	0.1000	0	111.8	80	120	05/20/2025
Chromium		0.0015		0.399	0.4000	0	99.8	80	120	05/20/2025
Cobalt		0.0010		0.977	1.000	0	97.7	80	120	05/20/2025
Lead		0.0010		0.988	1.000	0	98.8	80	120	05/20/2025
Lithium	*	0.0030		0.951	1.000	0	95.1	80	120	05/20/2025
Molybdenum		0.0015		1.08	1.000	0	108.2	80	120	05/20/2025
Selenium		0.0010		1.00	1.000	0	100.0	80	120	05/20/2025
Thallium		0.0020		0.494	0.5000	0	98.8	80	120	05/20/2025



Quality Control Results

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Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 239343		SampType: MS		Units mg/L						
SampID: 25050236-019BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		1.20	1.000	0	120.2	75	125	05/20/2025
Arsenic		0.0010		1.06	1.000	0.03380	103.1	75	125	05/20/2025
Barium		0.0010		5.13	4.000	0.3580	119.3	75	125	05/20/2025
Beryllium		0.0010		0.0956	0.1000	0	95.6	75	125	05/20/2025
Boron		0.0250		1.03	1.000	0.07245	96.2	75	125	05/20/2025
Cadmium		0.0010		0.111	0.1000	0	111.1	75	125	05/20/2025
Chromium		0.0015		0.406	0.4000	0.0007205	101.4	75	125	05/20/2025
Cobalt		0.0010		0.978	1.000	0.002916	97.6	75	125	05/20/2025
Lead		0.0010		1.04	1.000	0	104.0	75	125	05/20/2025
Lithium	*	0.0030		0.976	1.000	0	97.6	75	125	05/20/2025
Molybdenum		0.0015		1.08	1.000	0.0009129	108.3	75	125	05/20/2025
Selenium		0.0010		1.03	1.000	0	102.9	75	125	05/20/2025
Thallium		0.0020		0.523	0.5000	0	104.5	75	125	05/20/2025

Batch 239343		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25050236-019BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		1.16	1.000	0	116.0	1.202	3.56	05/20/2025
Arsenic		0.0010		1.02	1.000	0.03380	98.2	1.064	4.65	05/20/2025
Barium		0.0010		5.01	4.000	0.3580	116.4	5.132	2.32	05/20/2025
Beryllium		0.0010		0.0929	0.1000	0	92.9	0.09559	2.86	05/20/2025
Boron		0.0250		0.978	1.000	0.07245	90.6	1.034	5.58	05/20/2025
Cadmium		0.0010		0.108	0.1000	0	107.8	0.1111	3.02	05/20/2025
Chromium		0.0015		0.385	0.4000	0.0007205	96.0	0.4063	5.46	05/20/2025
Cobalt		0.0010		0.927	1.000	0.002916	92.4	0.9784	5.42	05/20/2025
Lead		0.0010		0.983	1.000	0	98.3	1.040	5.62	05/20/2025
Lithium	*	0.0030		0.917	1.000	0	91.7	0.9760	6.29	05/20/2025
Molybdenum		0.0015		1.03	1.000	0.0009129	103.4	1.084	4.65	05/20/2025
Selenium		0.0010		0.992	1.000	0	99.2	1.029	3.70	05/20/2025
Thallium		0.0020		0.502	0.5000	0	100.4	0.5225	4.03	05/20/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 239419 SampType: MBLK Units mg/L
SampID: MBLK-239419

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	05/22/2025
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	05/22/2025
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	05/22/2025
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	05/22/2025
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	05/22/2025
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	05/22/2025
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	05/22/2025
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	05/22/2025
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	05/22/2025
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	05/22/2025
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	05/22/2025
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	05/22/2025
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	05/22/2025

Batch 239419 SampType: LCS Units mg/L
SampID: LCS-239419

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		1.18	1.000	0	118.2	80	120	05/22/2025
Arsenic		0.0010		1.02	1.000	0	101.7	80	120	05/22/2025
Barium		0.0020		4.35	4.000	0	108.8	80	120	05/23/2025
Beryllium		0.0010		0.101	0.1000	0	101.0	80	120	05/22/2025
Boron		0.0250		1.02	1.000	0	102.1	80	120	05/22/2025
Cadmium		0.0010		0.119	0.1000	0	118.6	80	120	05/22/2025
Chromium		0.0015		0.404	0.4000	0	100.9	80	120	05/22/2025
Cobalt		0.0010		0.973	1.000	0	97.3	80	120	05/22/2025
Lead		0.0010		1.04	1.000	0	103.5	80	120	05/22/2025
Lithium	*	0.0030		0.998	1.000	0	99.8	80	120	05/22/2025
Molybdenum		0.0015		0.986	1.000	0	98.6	80	120	05/22/2025
Selenium		0.0010		1.05	1.000	0	105.1	80	120	05/22/2025
Thallium		0.0020		0.488	0.5000	0	97.6	80	120	05/22/2025

SW-846 7470A (TOTAL)

Batch 239397 SampType: MBLK Units mg/L
SampID: MBLK-239397

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	05/21/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW-846 7470A (TOTAL)

Batch 239397		SampType: LCS		Units mg/L							
SampID: LCS-239397											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00441	0.0050	0	88.2	85	115	05/21/2025	

Batch 239397		SampType: MS		Units mg/L							
SampID: 25050236-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00429	0.0050	0	85.8	75	125	05/21/2025	

Batch 239397		SampType: MSD		Units mg/L				RPD Limit 15				Date Analyzed
SampID: 25050236-003BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury			0.00020		0.00424	0.0050	0	84.8	0.004292	1.19	05/21/2025	

Batch 239397		SampType: MS		Units mg/L							
SampID: 25050236-014BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00430	0.0050	0	86.0	75	125	05/21/2025	

Batch 239397		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25050236-014BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00417	0.0050	0	83.4	0.004300	3.10	05/21/2025

Batch 239398		SampType: MBLK		Units mg/L							
SampID: MBLK-239398											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	05/21/2025	

Batch 239398		SampType: LCS		Units mg/L							
SampID: LCS-239398											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00439	0.0050	0	87.9	85	115	05/22/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

SW-846 7470A (TOTAL)

Batch 239398		SampType: MS		Units mg/L						
SampID: 25050236-027BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00417	0.0050	0	83.5	75	125	05/21/2025
Mercury		0.00020		0.00417	0.0050	0	83.4	75	125	05/21/2025

Batch 239398		SampType: MS		Units mg/L						
SampID: 25051133-001HMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00412	0.0050	0	82.4	75	125	05/21/2025

Batch 239398		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25051133-001HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00425	0.0050	0	84.9	0.004119	3.03	05/21/2025



Receiving Check List

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050236

Client Project: KIN-25Q2

Report Date: 04-Jun-25

Carrier: Daniel Crump

Received By: AMD

Completed by:

On:

19-May-25

Amber Dilallo

Reviewed by:

On:

20-May-25

Ellie Hopkins

Pages to follow:

Chain of custody

4

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 9.1

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☒

Lab ☐

NA ☐

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☒

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

Any No responses must be detailed below or on the COC.

Cooler #2 = 7.5C - LTG #5 - AMD/EAH 5/19/25

Additional Nitric Acid (103505) was needed in MW-31S upon arrival at the laboratory. - amberdilallo/EAH - 5/19/2025 4:39:48 PM

pH strip #101358. - amberdilallo - 5/19/2025 4:39:50 PM

Samples were received on 5/20/25 at 14:55 on ice (2.9C, 4.9C, 7.1C, 7.3C - LTG#9). pH# 101358. Additional nitric acid (103505) was needed in MW5, MW20, MW31, and MW32 upon arrival at the laboratory. - lhenson/EAH - 5/20/2025 4:59:04 PM

25050236 KIN-25Q2-141

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:		Page: 1 of 2	
Company: Vistra Corp-Kincaid		Report To: Brian Voelker		Attention: Brian Voelker, Tim Arnold			
Address: 199 IL 104		Copy To: Tim Arnold: Tim.Arnold@vistracorp.com		Company Name: Vistra Corp			
Kincaid, IL 62540				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	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL QL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		KIN-257-141	KIN-845-141	KIN-SUP-000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Justin Colp		DATE Signed (MM/DD/YY): 5-19-2025	
SIGNATURE of SAMPLER: [Signature]			

Add HNO3 (103SOS) to MW315.
pH ✓ 10/358 gm 5/19/25

9.1 & 7.5
ice UAS

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

Page: 2 of 2

[illegible]

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: Justin Colp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 5-19-2025				

25050236

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:		Page: 2 of 2	
Company: Vistra Corp-Kincaid		Report To: Brian Voelker		Attention: Brian Voelker, Tim Arnold		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location IL STATE:	
Address: 199 IL 104		Copy To: Tim Arnold: Tim.Arnold@vistracorp.com		Company Name: Vistra Corp			
Kincaid, IL 62540				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 #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		KIN-257-141	KIN-845-141	KIN-SUP-000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

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: Justin Gdp					
SIGNATURE of SAMPLER: Justin Gdp					
DATE Signed (MM/DD/YY): 5-20-2025					

June 19, 2025

Eric Bauer
Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
TEL: (414) 837-3607
FAX: (414) 837-3608



Illinois	100226
Illinois	1004652024-2
Kansas	E-10438
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: KIN-25Q2

WorkOrder: 25050237

Dear Eric Bauer:

TEKLAB, INC received 28 samples on 5/20/2025 2:55:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050237

Client Project: KIN-25Q2

Report Date: 19-Jun-25

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	30
Receiving Check List	31
Chain of Custody	Appended

Definitions

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050237

Client Project: KIN-25Q2

Report Date: 19-Jun-25

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050237

Client Project: KIN-25Q2

Report Date: 19-Jun-25

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050237

Client Project: KIN-25Q2

Report Date: 19-Jun-25

Cooler Receipt Temp: 9.1 °C

An employee of Teklab, Inc. collected the sample(s).

MW-08S was dry, and MW-27 went dry during the sampling event. Equipment Blanks were not needed. EAH 5/20/25

Ra226/228 analyses were performed by Eurofins St. Louis. See attached report for results and QC data.

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050237

Client Project: KIN-25Q2

Report Date: 19-Jun-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-001
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-01
Collection Date: 05/19/2025 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:03	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-002
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-02
Collection Date: 05/19/2025 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-003
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-03
Collection Date: 05/20/2025 9:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-004
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-05
Collection Date: 05/20/2025 10:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-005
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-06
Collection Date: 05/19/2025 12:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-006
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-07
Collection Date: 05/19/2025 11:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-007
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-07S
Collection Date: 05/19/2025 11:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-008
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-08
Collection Date: 05/19/2025 11:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-010
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-11
Collection Date: 05/20/2025 12:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-011
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-12
Collection Date: 05/19/2025 13:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-012
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-20
Collection Date: 05/20/2025 11:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-013
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-20S
Collection Date: 05/20/2025 12:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-014
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-23
Collection Date: 05/20/2025 11:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:04	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-016
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-28
Collection Date: 05/19/2025 12:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:05	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-017
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-30
Collection Date: 05/20/2025 9:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:05	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-018
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-31
Collection Date: 05/20/2025 10:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:05	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-019
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-31S
Collection Date: 05/19/2025 13:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 11:59	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-020
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-32
Collection Date: 05/20/2025 11:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 11:59	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-021
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: PZ4C
Collection Date: 05/20/2025 13:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 11:59	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-022
Matrix: AQUEOUS

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: Field Blank
Collection Date: 05/20/2025 13:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:00	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-023
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-02 Duplicate
Collection Date: 05/19/2025 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 12:06	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-024
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: MW-20 Duplicate
Collection Date: 05/20/2025 11:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 11:57	R366859



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2
Lab ID: 25050237-025
Matrix: GROUNDWATER

Work Order: 25050237
Report Date: 19-Jun-25
Client Sample ID: PZ4C Duplicate
Collection Date: 05/20/2025 13:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	06/17/2025 11:58	R366859



Sample Summary

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: KIN-25Q2

Work Order: 25050237
Report Date: 19-Jun-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25050237-001	MW-01	Groundwater	1	05/19/2025 10:19
25050237-002	MW-02	Groundwater	1	05/19/2025 10:19
25050237-003	MW-03	Groundwater	1	05/20/2025 9:51
25050237-004	MW-05	Groundwater	1	05/20/2025 10:26
25050237-005	MW-06	Groundwater	1	05/19/2025 12:14
25050237-006	MW-07	Groundwater	1	05/19/2025 11:40
25050237-007	MW-07S	Groundwater	1	05/19/2025 11:19
25050237-008	MW-08	Groundwater	1	05/19/2025 11:04
25050237-009	MW-08S	Groundwater	1	05/19/2025 0:00
25050237-010	MW-11	Groundwater	1	05/20/2025 12:29
25050237-011	MW-12	Groundwater	1	05/19/2025 13:47
25050237-012	MW-20	Groundwater	1	05/20/2025 11:04
25050237-013	MW-20S	Groundwater	1	05/20/2025 12:22
25050237-014	MW-23	Groundwater	1	05/20/2025 11:52
25050237-015	MW-27	Groundwater	1	05/19/2025 13:06
25050237-016	MW-28	Groundwater	1	05/19/2025 12:59
25050237-017	MW-30	Groundwater	1	05/20/2025 9:52
25050237-018	MW-31	Groundwater	1	05/20/2025 10:43
25050237-019	MW-31S	Groundwater	1	05/19/2025 13:43
25050237-020	MW-32	Groundwater	1	05/20/2025 11:37
25050237-021	PZ4C	Groundwater	1	05/20/2025 13:02
25050237-022	Field Blank	Aqueous	1	05/20/2025 13:02
25050237-023	MW-02 Duplicate	Groundwater	1	05/19/2025 10:19
25050237-024	MW-20 Duplicate	Groundwater	1	05/20/2025 11:04
25050237-025	PZ4C Duplicate	Groundwater	1	05/20/2025 13:02
25050237-026	Equipment Blank 1	Aqueous	1	
25050237-027	Equipment Blank 2	Aqueous	1	
25050237-028	Equipment Blank 3	Aqueous	1	



Receiving Check List

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 25050237

Client Project: KIN-25Q2

Report Date: 19-Jun-25

Carrier: Daniel Crump

Received By: AMD

Completed by:

On:

19-May-25

Amber Dilallo

Reviewed by:

On:

20-May-25

Ellie Hopkins

Pages to follow:

Chain of custody

4

Extra pages included

31

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 9.1

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☒

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

Any No responses must be detailed below or on the COC.

Cooler #2 = 7.5C - LTG 5 - AMD/EAH 5/19/25

Additional Nitric Acid (103505) was needed in MW-8, MW-12, and MW-31S upon arrival at the laboratory. - amberdilallo/EAH - 5/19/2025 4:40:48 PM

pH strip #101358. - amberdilallo - 5/19/2025 4:40:50 PM

Samples were received on 5/20/25 at 14:55 on ice (2.9C, 4.9C, 7.1C, 7.3C - LTG#9). pH# 101358. Additional nitric acid (103505) was needed in MW5 upon arrival at the laboratory. - lhenson/EAH - 5/20/2025 4:06:10 PM

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

Page: 1 of 2

[illegible]

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: Justin Cole					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 5-19-2015				

Added HNO_3 (103505) to MW-8 1/2, MW-12 & MW-315. pH $\sim$ 10.35 on strips 9.1 & 7.5 re D15

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

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: Justin Colp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 5-19-2025				

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

Usgg
Cooler #2 4.9C
3 7.1C
4 7.3C

25050237

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:		Page: 2 of 2	
Company: Vistra Corp-Kincaid		Report To: Brian Voelker		Attention: Brian Voelker, Tim Arnold		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location IL STATE:	
Address: 199 IL 104		Copy To: Tim Arnold: Tim.Arnold@vistracorp.com		Company Name: Vistra Corp			
Kincaid, IL 62540				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 #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)												Radium 226/228, only						
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		KIN-257-141	KIN-845-141	KIN-SUP-000															Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-30		WT	G	5-20-25	952		2									X	X	X														25050237-017			
2	MW-31		WT	G	5-20-25	1043		2									X	X	X														25050237-018			
3	MW-31S		WT	G				2									X	X	X														25050237-019			
4	MW-32		WT	G	5-20-25	1137		2									X	X	X														25050237-020			
5	PZ4C		WT	G	5-20-25	1302		2									X	X	X														25050237-021			
6	XSG-01		WT	G				0									X	X															N/A			
7	YSG-03		WT	G				0									X	X															N/A			
8	Field Blank		WT	G	5-20-25	1302		2									X	X	X														25050237-022			
9	MW-02 Duplicate		WT	G				2									X	X	X														25050237-023			
10	MW-20 Duplicate		WT	G	5-20-25	1104		2									X	X	X														25050237-024			
11	PZ4C Duplicate		WT	G	5-20-25	1302		2									X	X	X														25050237-025			
12	Equipment Blank 1		WT	G				2									X	X	X														25050237-026			
13	Equipment Blank 2		WT	G				2									X	X	X														25050237-027			
14	Equipment Blank 3		WT	G				2									X	X	X														25050237-028			
15																																				
16																																				
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION			DATE		TIME		SAMPLE CONDITIONS																			
KIN-25Q2 Rev 1			2150			5-20		1455		[Signature]			5/20/25		1433		> z																			

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
KIN-25Q2 Rev 1		[Signature]		5-20	1455	[Signature]		5/20/25	1455				
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: Justin Colp													
SIGNATURE of SAMPLER: [Signature]													
DATE Signed (MM/DD/YY): 5-20-2025													

ANALYTICAL REPORT

PREPARED FOR

Attn: Elizabeth A Hurley
TekLab, Inc
5445 Horseshoe Lake Road
Collinsville, Illinois 62234

Generated 6/18/2025 6:29:53 PM

JOB DESCRIPTION

Radium-226 and Radium-228
25050237

JOB NUMBER

160-58177-1

Job Notes

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

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

Authorization



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6/18/2025 6:29:53 PM

Authorized for release by
Erika Smith, Project Manager
erika.smith@et.eurofinsus.com
(314)298-8566

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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-58177-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 25050237

Report Number: 160-58177-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

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

Receipt

The samples were received on 5/21/2025 11:28 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 3 coolers at receipt time were 18.1°C, 18.4°C and 18.9°C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): 25050237-001 (160-58177-1), 25050237-002 (160-58177-2), 25050237-003 (160-58177-3), 25050237-004 (160-58177-4), 25050237-005 (160-58177-5), 25050237-006 (160-58177-6), 25050237-007 (160-58177-7), 25050237-008 (160-58177-8), 25050237-010 (160-58177-9), 25050237-011 (160-58177-10), 25050237-012 (160-58177-11), 25050237-013 (160-58177-12), 25050237-014 (160-58177-13), 25050237-016 (160-58177-14), 25050237-017 (160-58177-15), 25050237-018 (160-58177-16), 25050237-019 (160-58177-17), 25050237-020 (160-58177-18), 25050237-021 (160-58177-19), 25050237-022 (160-58177-20), 25050237-023 (160-58177-21), 25050237-024 (160-58177-22) and 25050237-025 (160-58177-23). The container labels list an A at the end of the sample IDs, while the COC lists no A at the of the sample IDs. The sample IDs were logged in per the COC.

Method 903.0 - Radium-226 (GFPC)

Samples 25050237-001 (160-58177-1), 25050237-002 (160-58177-2), 25050237-003 (160-58177-3), 25050237-004 (160-58177-4), 25050237-005 (160-58177-5), 25050237-006 (160-58177-6), 25050237-007 (160-58177-7), 25050237-008 (160-58177-8), 25050237-010 (160-58177-9), 25050237-011 (160-58177-10), 25050237-012 (160-58177-11), 25050237-013 (160-58177-12), 25050237-014 (160-58177-13), 25050237-016 (160-58177-14), 25050237-017 (160-58177-15), 25050237-018 (160-58177-16), 25050237-019 (160-58177-17), 25050237-020 (160-58177-18), 25050237-021 (160-58177-19), 25050237-022 (160-58177-20), 25050237-023 (160-58177-21), 25050237-024 (160-58177-22) and 25050237-025 (160-58177-23) were analyzed for Radium-226 (GFPC). The samples were prepared on 5/23/2025 and analyzed on 6/17/2025.

Eurofins St. Louis

Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-58177-1 (Continued)

Eurofins St. Louis

Method 904.0 - Radium-228 (GFPC)

Samples 25050237-001 (160-58177-1), 25050237-002 (160-58177-2), 25050237-003 (160-58177-3), 25050237-004 (160-58177-4), 25050237-005 (160-58177-5), 25050237-006 (160-58177-6), 25050237-007 (160-58177-7), 25050237-008 (160-58177-8), 25050237-010 (160-58177-9), 25050237-011 (160-58177-10), 25050237-012 (160-58177-11), 25050237-013 (160-58177-12), 25050237-014 (160-58177-13), 25050237-016 (160-58177-14), 25050237-017 (160-58177-15), 25050237-018 (160-58177-16), 25050237-019 (160-58177-17), 25050237-020 (160-58177-18), 25050237-021 (160-58177-19), 25050237-022 (160-58177-20), 25050237-023 (160-58177-21), 25050237-024 (160-58177-22) and 25050237-025 (160-58177-23) were analyzed for Radium-228 (GFPC). The samples were prepared on 5/23/2025 and analyzed on 6/17/2025.

The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: 25050237-024 (160-58177-22). Analytical results are reported with the detection limit achieved.

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Samples 25050237-001 (160-58177-1), 25050237-002 (160-58177-2), 25050237-003 (160-58177-3), 25050237-004 (160-58177-4), 25050237-005 (160-58177-5), 25050237-006 (160-58177-6), 25050237-007 (160-58177-7), 25050237-008 (160-58177-8), 25050237-010 (160-58177-9), 25050237-011 (160-58177-10), 25050237-012 (160-58177-11), 25050237-013 (160-58177-12), 25050237-014 (160-58177-13), 25050237-016 (160-58177-14), 25050237-017 (160-58177-15), 25050237-018 (160-58177-16), 25050237-019 (160-58177-17), 25050237-020 (160-58177-18), 25050237-021 (160-58177-19), 25050237-022 (160-58177-20), 25050237-023 (160-58177-21), 25050237-024 (160-58177-22) and 25050237-025 (160-58177-23) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 6/18/2025.

Eurofins St. Louis

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice ☐ Preserved in: ☐ Lab ☐ Field

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

Project# 25050237

Contact: Elizabeth Hurley
Standard TAT

Requested Due Date: 5/19/2025

Email: ehurley@teklabinc.com
Billing/PO: 38613

Cooler Temp: Sampler: Teklab (DG/JC) QC Level: 2

Comments: Please issue reports and invoices via email only

Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.

Method changes require Teklab authorization. Samples collected from an IL site.

Batch QC is required for all analyses requested. Vistra-EDD and EQUiS requested.

Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report.

If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes,

please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any

analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	25050237-001	5/19/2025 10:19:00 AM	HNO3	Groundwater
	25050237-002	5/19/2025 10:19:00 AM	HNO3	Groundwater
	25050237-003	5/20/2025 9:51:00 AM	HNO3	Groundwater
	25050237-004	5/20/2025 10:26:00 AM	HNO3	Groundwater
	25050237-005	5/19/2025 12:14:00 PM	HNO3	Groundwater
	25050237-006	5/19/2025 11:40:00 AM	HNO3	Groundwater
	25050237-007	5/19/2025 11:19:00 AM	HNO3	Groundwater
	25050237-008	5/19/2025 11:04:00 AM	HNO3	Groundwater
	25050237-010	5/20/2025 12:29:00 PM	HNO3	Groundwater
	25050237-011	5/19/2025 1:47:00 PM	HNO3	Groundwater
	25050237-012	5/20/2025 11:04:00 AM	HNO3	Groundwater

*Relinquished By: [Signature] Date/Time: 5/20/25 10:58
Received By: [Signature] Date/Time: 5/21/25 11:28
Meadow Plinette

Teklab maintains a strict policy of client confidentiality and as such does not provide client/sampler information without proper authorization. and proprietary rights, Teklab, Inc. protects clients' confidential information as directed by local, state or federal laws. (Teklab QAM Section 9.1, TNI V1 M2 Section 4.1.5 c)

Are the samples chilled? YES ☐ NO ☒

With: ☐ Ice ☐ Blue Ice ☐ Preserved in: ☐ Lab ☐ Field

Cooler Temp:		QC Level:	2
Sampler:	Tekalb (DG/JC)		

25050237

ehurley@teklabinc.com

Billing/PO:	38613
-------------	-------

Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	25050237-013	5/20/2025 12:22:00 PM	HNO3	Groundwater
	25050237-014	5/20/2025 11:52:00 AM	HNO3	Groundwater
	25050237-016	5/19/2025 12:59:00 PM	HNO3	Groundwater
	25050237-017	5/20/2025 9:52:00 AM	HNO3	Groundwater
	25050237-018	5/20/2025 10:43:00 AM	HNO3	Groundwater
	25050237-019	5/19/2025 1:43:00 PM	HNO3	Groundwater
	25050237-020	5/20/2025 11:37:00 AM	HNO3	Groundwater
	25050237-021	5/20/2025 1:02:00 PM	HNO3	Groundwater
	25050237-022	5/20/2025 1:02:00 PM	HNO3	Aqueous
	25050237-023	5/19/2025 10:19:00 AM	HNO3	Groundwater
	25050237-024	5/20/2025 11:04:00 AM	HNO3	Groundwater

Date/Time

M. J. M. M.

Meadow Pineapple

Teklab maintains a strict policy of client confidentiality and as such does not provide client/sampler information without proper authorization. and proprietary rights, Teklab, Inc. protects clients' confidential information as directed by local, state or federal laws. (Teklab QAM Section 9.1, TNI V1 M2 Section 4.1.5 c)

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-58177-1

SDG Number: 25050237

Login Number: 58177

List Number: 1

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

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

Definitions/Glossary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

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

Method Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58177-1
SDG: 25050237

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND

Job ID: 160-58177-1
SDG: 25050237

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-58177-1	25050237-001	Water	05/19/25 10:19	05/21/25 11:28
160-58177-2	25050237-002	Water	05/19/25 10:19	05/21/25 11:28
160-58177-3	25050237-003	Water	05/20/25 09:51	05/21/25 11:28
160-58177-4	25050237-004	Water	05/20/25 10:26	05/21/25 11:28
160-58177-5	25050237-005	Water	05/19/25 12:14	05/21/25 11:28
160-58177-6	25050237-006	Water	05/19/25 11:40	05/21/25 11:28
160-58177-7	25050237-007	Water	05/19/25 11:19	05/21/25 11:28
160-58177-8	25050237-008	Water	05/19/25 11:04	05/21/25 11:28
160-58177-9	25050237-010	Water	05/20/25 12:29	05/21/25 11:28
160-58177-10	25050237-011	Water	05/19/25 13:47	05/21/25 11:28
160-58177-11	25050237-012	Water	05/20/25 11:04	05/21/25 11:28
160-58177-12	25050237-013	Water	05/20/25 12:22	05/21/25 11:28
160-58177-13	25050237-014	Water	05/20/25 11:52	05/21/25 11:28
160-58177-14	25050237-016	Water	05/19/25 12:59	05/21/25 11:28
160-58177-15	25050237-017	Water	05/20/25 09:52	05/21/25 11:28
160-58177-16	25050237-018	Water	05/20/25 10:43	05/21/25 11:28
160-58177-17	25050237-019	Water	05/19/25 13:43	05/21/25 11:28
160-58177-18	25050237-020	Water	05/20/25 11:37	05/21/25 11:28
160-58177-19	25050237-021	Water	05/20/25 13:02	05/21/25 11:28
160-58177-20	25050237-022	Water	05/20/25 13:02	05/21/25 11:28
160-58177-21	25050237-023	Water	05/19/25 10:19	05/21/25 11:28
160-58177-22	25050237-024	Water	05/20/25 11:04	05/21/25 11:28
160-58177-23	25050237-025	Water	05/20/25 13:02	05/21/25 11:28

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-001

Lab Sample ID: 160-58177-1

Date Collected: 05/19/25 10:19

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0107	U	0.243	0.243	1.00	0.477	pCi/L	05/23/25 07:16	06/17/25 16:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.1		30 - 110					05/23/25 07:16	06/17/25 16:27	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.486	U	0.389	0.391	1.00	0.602	pCi/L	05/23/25 07:21	06/17/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.1		30 - 110					05/23/25 07:21	06/17/25 12:03	1
Y Carrier	83.7		30 - 110					05/23/25 07:21	06/17/25 12:03	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.497	U	0.459	0.460	5.00	0.602	pCi/L		06/18/25 12:43	1

Client Sample ID: 25050237-002

Lab Sample ID: 160-58177-2

Date Collected: 05/19/25 10:19

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.460	U	0.351	0.353	1.00	0.516	pCi/L	05/23/25 07:16	06/17/25 16:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.7		30 - 110					05/23/25 07:16	06/17/25 16:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.115	U	0.448	0.448	1.00	0.862	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.7		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	79.6		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.460	U	0.569	0.570	5.00	0.862	pCi/L		06/18/25 12:43	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-003

Date Collected: 05/20/25 09:51

Date Received: 05/21/25 11:28

Lab Sample ID: 160-58177-3

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0636	U	0.191	0.191	1.00	0.363	pCi/L	05/23/25 07:16	06/17/25 16:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.6		30 - 110					05/23/25 07:16	06/17/25 16:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.248	U	0.358	0.359	1.00	0.605	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.6		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	79.6		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.311	U	0.406	0.407	5.00	0.605	pCi/L		06/18/25 14:49	1

Client Sample ID: 25050237-004

Date Collected: 05/20/25 10:26

Date Received: 05/21/25 11:28

Lab Sample ID: 160-58177-4

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0774	U	0.163	0.163	1.00	0.299	pCi/L	05/23/25 07:16	06/17/25 16:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					05/23/25 07:16	06/17/25 16:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0623	U	0.298	0.298	1.00	0.537	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	86.0		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.140	U	0.340	0.340	5.00	0.537	pCi/L		06/18/25 14:49	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-005

Date Collected: 05/19/25 12:14

Date Received: 05/21/25 11:28

Lab Sample ID: 160-58177-5

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.250	U	0.220	0.221	1.00	0.323	pCi/L	05/23/25 07:16	06/17/25 16:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.1		30 - 110					05/23/25 07:16	06/17/25 16:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.343	U	0.392	0.393	1.00	0.642	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.1		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	81.1		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.593	U	0.450	0.451	5.00	0.642	pCi/L		06/18/25 14:49	1

Client Sample ID: 25050237-006

Date Collected: 05/19/25 11:40

Date Received: 05/21/25 11:28

Lab Sample ID: 160-58177-6

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.306	U	0.233	0.234	1.00	0.326	pCi/L	05/23/25 07:16	06/17/25 16:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110					05/23/25 07:16	06/17/25 16:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.724		0.391	0.397	1.00	0.544	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	83.7		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.03		0.455	0.461	5.00	0.544	pCi/L		06/18/25 14:49	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-007

Lab Sample ID: 160-58177-7

Date Collected: 05/19/25 11:19

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0762	U	0.263	0.263	1.00	0.485	pCi/L	05/23/25 07:16	06/17/25 16:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					05/23/25 07:16	06/17/25 16:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.707		0.367	0.372	1.00	0.494	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	78.9		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.784		0.452	0.456	5.00	0.494	pCi/L		06/18/25 14:49	1

Client Sample ID: 25050237-008

Lab Sample ID: 160-58177-8

Date Collected: 05/19/25 11:04

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0112	U	0.142	0.142	1.00	0.306	pCi/L	05/23/25 07:16	06/17/25 16:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					05/23/25 07:16	06/17/25 16:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0237	U	0.286	0.286	1.00	0.542	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	84.1		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.000	U	0.319	0.319	5.00	0.542	pCi/L		06/18/25 14:49	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-010

Lab Sample ID: 160-58177-9

Date Collected: 05/20/25 12:29

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0629	U	0.170	0.170	1.00	0.380	pCi/L	05/23/25 07:16	06/17/25 16:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					05/23/25 07:16	06/17/25 16:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.711		0.451	0.456	1.00	0.675	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	72.9		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.711		0.482	0.487	5.00	0.675	pCi/L		06/18/25 14:49	1

Client Sample ID: 25050237-011

Lab Sample ID: 160-58177-10

Date Collected: 05/19/25 13:47

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.394		0.235	0.238	1.00	0.296	pCi/L	05/23/25 07:16	06/17/25 16:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110					05/23/25 07:16	06/17/25 16:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.770		0.386	0.393	1.00	0.539	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	86.0		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.16		0.452	0.459	5.00	0.539	pCi/L		06/18/25 14:49	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-012

Lab Sample ID: 160-58177-11

Date Collected: 05/20/25 11:04

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.123	U	0.200	0.200	1.00	0.348	pCi/L	05/23/25 07:16	06/17/25 16:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					05/23/25 07:16	06/17/25 16:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.247	U	0.342	0.343	1.00	0.574	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	83.7		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.371	U	0.396	0.397	5.00	0.574	pCi/L		06/18/25 14:49	1

Client Sample ID: 25050237-013

Lab Sample ID: 160-58177-12

Date Collected: 05/20/25 12:22

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0720	U	0.211	0.211	1.00	0.389	pCi/L	05/23/25 07:16	06/17/25 16:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					05/23/25 07:16	06/17/25 16:23	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0849	U	0.307	0.307	1.00	0.602	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	78.1		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0720	U	0.373	0.373	5.00	0.602	pCi/L		06/18/25 14:49	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-014

Date Collected: 05/20/25 11:52

Date Received: 05/21/25 11:28

Lab Sample ID: 160-58177-13

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.231	U	0.227	0.228	1.00	0.356	pCi/L	05/23/25 07:16	06/17/25 16:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					05/23/25 07:16	06/17/25 16:23	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.188	U	0.324	0.324	1.00	0.556	pCi/L	05/23/25 07:21	06/17/25 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					05/23/25 07:21	06/17/25 12:04	1
Y Carrier	84.5		30 - 110					05/23/25 07:21	06/17/25 12:04	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.418	U	0.396	0.396	5.00	0.556	pCi/L		06/18/25 14:49	1

Client Sample ID: 25050237-016

Date Collected: 05/19/25 12:59

Date Received: 05/21/25 11:28

Lab Sample ID: 160-58177-14

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00284	U	0.179	0.179	1.00	0.378	pCi/L	05/23/25 07:16	06/17/25 16:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	67.4		30 - 110					05/23/25 07:16	06/17/25 16:23	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.202	U	0.539	0.539	1.00	0.945	pCi/L	05/23/25 07:21	06/17/25 12:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	67.4		30 - 110					05/23/25 07:21	06/17/25 12:05	1
Y Carrier	74.4		30 - 110					05/23/25 07:21	06/17/25 12:05	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.204	U	0.568	0.568	5.00	0.945	pCi/L		06/18/25 14:49	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-017

Lab Sample ID: 160-58177-15

Date Collected: 05/20/25 09:52

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0192	U	0.237	0.237	1.00	0.464	pCi/L	05/23/25 07:16	06/17/25 16:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.9		30 - 110					05/23/25 07:16	06/17/25 16:23	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0861	U	0.367	0.367	1.00	0.670	pCi/L	05/23/25 07:21	06/17/25 12:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.9		30 - 110					05/23/25 07:21	06/17/25 12:05	1
Y Carrier	79.6		30 - 110					05/23/25 07:21	06/17/25 12:05	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.105	U	0.437	0.437	5.00	0.670	pCi/L		06/18/25 14:49	1

Client Sample ID: 25050237-018

Lab Sample ID: 160-58177-16

Date Collected: 05/20/25 10:43

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.276		0.185	0.186	1.00	0.219	pCi/L	05/23/25 07:16	06/17/25 16:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					05/23/25 07:16	06/17/25 16:23	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.241	U	0.341	0.342	1.00	0.574	pCi/L	05/23/25 07:21	06/17/25 12:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					05/23/25 07:21	06/17/25 12:05	1
Y Carrier	84.9		30 - 110					05/23/25 07:21	06/17/25 12:05	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.517	U	0.388	0.389	5.00	0.574	pCi/L		06/18/25 14:49	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-019

Lab Sample ID: 160-58177-17

Date Collected: 05/19/25 13:43

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.231	U	0.247	0.248	1.00	0.395	pCi/L	05/23/25 07:16	06/17/25 16:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.6		30 - 110					05/23/25 07:16	06/17/25 16:24	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.947		0.485	0.493	1.00	0.680	pCi/L	05/23/25 07:21	06/17/25 11:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.6		30 - 110					05/23/25 07:21	06/17/25 11:59	1
Y Carrier	81.1		30 - 110					05/23/25 07:21	06/17/25 11:59	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.18		0.544	0.552	5.00	0.680	pCi/L		06/18/25 14:49	1

Client Sample ID: 25050237-020

Lab Sample ID: 160-58177-18

Date Collected: 05/20/25 11:37

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.394	U	0.287	0.289	1.00	0.422	pCi/L	05/23/25 07:16	06/17/25 16:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					05/23/25 07:16	06/17/25 16:24	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.160	U	0.245	0.245	1.00	0.514	pCi/L	05/23/25 07:21	06/17/25 11:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					05/23/25 07:21	06/17/25 11:59	1
Y Carrier	84.5		30 - 110					05/23/25 07:21	06/17/25 11:59	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.394	U	0.377	0.379	5.00	0.514	pCi/L		06/18/25 14:49	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-021

Lab Sample ID: 160-58177-19

Date Collected: 05/20/25 13:02

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.420		0.247	0.250	1.00	0.320	pCi/L	05/23/25 07:16	06/17/25 16:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.8		30 - 110					05/23/25 07:16	06/17/25 16:24	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.518		0.322	0.325	1.00	0.467	pCi/L	05/23/25 07:21	06/17/25 11:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.8		30 - 110					05/23/25 07:21	06/17/25 11:59	1
Y Carrier	83.7		30 - 110					05/23/25 07:21	06/17/25 11:59	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.939		0.406	0.410	5.00	0.467	pCi/L		06/18/25 14:49	1

Client Sample ID: 25050237-022

Lab Sample ID: 160-58177-20

Date Collected: 05/20/25 13:02

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0150	U	0.167	0.167	1.00	0.356	pCi/L	05/23/25 07:16	06/17/25 16:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					05/23/25 07:16	06/17/25 16:24	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.716		0.388	0.393	1.00	0.535	pCi/L	05/23/25 07:21	06/17/25 12:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					05/23/25 07:21	06/17/25 12:00	1
Y Carrier	82.6		30 - 110					05/23/25 07:21	06/17/25 12:00	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.716		0.422	0.427	5.00	0.535	pCi/L		06/18/25 14:49	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-023

Lab Sample ID: 160-58177-21

Date Collected: 05/19/25 10:19

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.463		0.249	0.252	1.00	0.293	pCi/L	05/23/25 07:23	06/17/25 20:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					05/23/25 07:23	06/17/25 20:29	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0443	U	0.280	0.280	1.00	0.557	pCi/L	05/23/25 07:32	06/17/25 12:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					05/23/25 07:32	06/17/25 12:06	1
Y Carrier	75.1		30 - 110					05/23/25 07:32	06/17/25 12:06	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.463	U	0.375	0.377	5.00	0.557	pCi/L		06/18/25 14:49	1

Client Sample ID: 25050237-024

Lab Sample ID: 160-58177-22

Date Collected: 05/20/25 11:04

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0444	U	0.473	0.473	1.00	0.910	pCi/L	05/23/25 07:23	06/17/25 20:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	51.7		30 - 110					05/23/25 07:23	06/17/25 20:29	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.83	G	0.969	0.984	1.00	1.36	pCi/L	05/23/25 07:32	06/17/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	51.7		30 - 110					05/23/25 07:32	06/17/25 11:57	1
Y Carrier	74.4		30 - 110					05/23/25 07:32	06/17/25 11:57	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.88		1.08	1.09	5.00	1.36	pCi/L		06/18/25 14:49	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND

Job ID: 160-58177-1
SDG: 25050237

Client Sample ID: 25050237-025

Lab Sample ID: 160-58177-23

Date Collected: 05/20/25 13:02

Matrix: Water

Date Received: 05/21/25 11:28

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.345	U	0.281	0.282	1.00	0.409	pCi/L	05/23/25 07:23	06/17/25 20:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					05/23/25 07:23	06/17/25 20:29	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.34		0.594	0.607	1.00	0.777	pCi/L	05/23/25 07:32	06/17/25 11:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					05/23/25 07:32	06/17/25 11:58	1
Y Carrier	77.4		30 - 110					05/23/25 07:32	06/17/25 11:58	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.68		0.657	0.669	5.00	0.777	pCi/L		06/18/25 14:51	1

QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-58177-1
SDG: 25050237

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-718874/1-A
Matrix: Water
Analysis Batch: 722746

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718874

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.06744	U	0.210	0.210	1.00	0.442	pCi/L	05/23/25 07:16	06/17/25 16:21	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					05/23/25 07:16	06/17/25 16:21	1

Lab Sample ID: LCS 160-718874/2-A
Matrix: Water
Analysis Batch: 722748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718874

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.140		1.28	1.00	0.343	pCi/L	95	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	79.1		30 - 110							

Lab Sample ID: 160-58177-1 DU
Matrix: Water
Analysis Batch: 722748

Client Sample ID: 25050237-001
Prep Type: Total/NA
Prep Batch: 718874

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.0107	U	0.1906	U	0.261	1.00	0.438	pCi/L	0.36	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	76.4		30 - 110							

Lab Sample ID: MB 160-718876/1-A
Matrix: Water
Analysis Batch: 722746

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718876

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.1528	U	0.115	0.116	1.00	0.341	pCi/L	05/23/25 07:23	06/17/25 20:23	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.8		30 - 110					05/23/25 07:23	06/17/25 20:23	1

Lab Sample ID: LCS 160-718876/2-A
Matrix: Water
Analysis Batch: 722746

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718876

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	10.06		1.34	1.00	0.282	pCi/L	105	75 - 125

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QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND

Job ID: 160-58177-1
SDG: 25050237

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

Lab Sample ID: LCS 160-718876/2-A
Matrix: Water
Analysis Batch: 722746

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718876

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	78.1		30 - 110

Lab Sample ID: 160-58177-21 DU
Matrix: Water
Analysis Batch: 722748

Client Sample ID: 25050237-023
Prep Type: Total/NA
Prep Batch: 718876

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.463		0.09054	U	0.162	1.00	0.289	pCi/L	0.90	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	85.1		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-718875/1-A
Matrix: Water
Analysis Batch: 722748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718875

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2328	U	0.318	0.319	1.00	0.533	pCi/L	05/23/25 07:21	06/17/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					05/23/25 07:21	06/17/25 12:03	1
Y Carrier	84.5		30 - 110					05/23/25 07:21	06/17/25 12:03	1

Lab Sample ID: LCS 160-718875/2-A
Matrix: Water
Analysis Batch: 722748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718875

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.34	10.48		1.70	1.00	0.955	pCi/L	112	75 - 125
	LCS	LCS							
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	79.1		30 - 110						
Y Carrier	81.5		30 - 110						

Lab Sample ID: 160-58177-1 DU
Matrix: Water
Analysis Batch: 722748

Client Sample ID: 25050237-001
Prep Type: Total/NA
Prep Batch: 718875

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.486	U	0.2414	U	0.419	1.00	0.717	pCi/L	0.30	1

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QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND

Job ID: 160-58177-1
SDG: 25050237

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

Lab Sample ID: 160-58177-1 DU
Matrix: Water
Analysis Batch: 722748

Client Sample ID: 25050237-001
Prep Type: Total/NA
Prep Batch: 718875

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	76.4		30 - 110
Y Carrier	81.1		30 - 110

Lab Sample ID: MB 160-718935/1-A
Matrix: Water
Analysis Batch: 722847

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718935

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4343	U	0.411	0.413	1.00	0.658	pCi/L	05/23/25 07:32	06/17/25 12:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.8		30 - 110					05/23/25 07:32	06/17/25 12:05	1
Y Carrier	80.7		30 - 110					05/23/25 07:32	06/17/25 12:05	1

Lab Sample ID: LCS 160-718935/2-A
Matrix: Water
Analysis Batch: 722847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718935

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.34	10.39		1.46	1.00	0.652	pCi/L	111	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	78.1		30 - 110						
Y Carrier	79.3		30 - 110						

Lab Sample ID: 160-58177-21 DU
Matrix: Water
Analysis Batch: 722847

Client Sample ID: 25050237-023
Prep Type: Total/NA
Prep Batch: 718935

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	-0.0443	U	0.2882	U	0.391	1.00	0.652	pCi/L	0.50	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	85.1		30 - 110							
Y Carrier	82.2		30 - 110							

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58177-1
SDG: 25050237

Rad

Prep Batch: 718874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58177-1	25050237-001	Total/NA	Water	PrecSep-21	
160-58177-2	25050237-002	Total/NA	Water	PrecSep-21	
160-58177-3	25050237-003	Total/NA	Water	PrecSep-21	
160-58177-4	25050237-004	Total/NA	Water	PrecSep-21	
160-58177-5	25050237-005	Total/NA	Water	PrecSep-21	
160-58177-6	25050237-006	Total/NA	Water	PrecSep-21	
160-58177-7	25050237-007	Total/NA	Water	PrecSep-21	
160-58177-8	25050237-008	Total/NA	Water	PrecSep-21	
160-58177-9	25050237-010	Total/NA	Water	PrecSep-21	
160-58177-10	25050237-011	Total/NA	Water	PrecSep-21	
160-58177-11	25050237-012	Total/NA	Water	PrecSep-21	
160-58177-12	25050237-013	Total/NA	Water	PrecSep-21	
160-58177-13	25050237-014	Total/NA	Water	PrecSep-21	
160-58177-14	25050237-016	Total/NA	Water	PrecSep-21	
160-58177-15	25050237-017	Total/NA	Water	PrecSep-21	
160-58177-16	25050237-018	Total/NA	Water	PrecSep-21	
160-58177-17	25050237-019	Total/NA	Water	PrecSep-21	
160-58177-18	25050237-020	Total/NA	Water	PrecSep-21	
160-58177-19	25050237-021	Total/NA	Water	PrecSep-21	
160-58177-20	25050237-022	Total/NA	Water	PrecSep-21	
MB 160-718874/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-718874/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-58177-1 DU	25050237-001	Total/NA	Water	PrecSep-21	

Prep Batch: 718875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58177-1	25050237-001	Total/NA	Water	PrecSep_0	
160-58177-2	25050237-002	Total/NA	Water	PrecSep_0	
160-58177-3	25050237-003	Total/NA	Water	PrecSep_0	
160-58177-4	25050237-004	Total/NA	Water	PrecSep_0	
160-58177-5	25050237-005	Total/NA	Water	PrecSep_0	
160-58177-6	25050237-006	Total/NA	Water	PrecSep_0	
160-58177-7	25050237-007	Total/NA	Water	PrecSep_0	
160-58177-8	25050237-008	Total/NA	Water	PrecSep_0	
160-58177-9	25050237-010	Total/NA	Water	PrecSep_0	
160-58177-10	25050237-011	Total/NA	Water	PrecSep_0	
160-58177-11	25050237-012	Total/NA	Water	PrecSep_0	
160-58177-12	25050237-013	Total/NA	Water	PrecSep_0	
160-58177-13	25050237-014	Total/NA	Water	PrecSep_0	
160-58177-14	25050237-016	Total/NA	Water	PrecSep_0	
160-58177-15	25050237-017	Total/NA	Water	PrecSep_0	
160-58177-16	25050237-018	Total/NA	Water	PrecSep_0	
160-58177-17	25050237-019	Total/NA	Water	PrecSep_0	
160-58177-18	25050237-020	Total/NA	Water	PrecSep_0	
160-58177-19	25050237-021	Total/NA	Water	PrecSep_0	
160-58177-20	25050237-022	Total/NA	Water	PrecSep_0	
MB 160-718875/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-718875/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-58177-1 DU	25050237-001	Total/NA	Water	PrecSep_0	

QC Association Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND

Job ID: 160-58177-1
SDG: 25050237

Rad

Prep Batch: 718876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58177-21	25050237-023	Total/NA	Water	PrecSep-21	
160-58177-22	25050237-024	Total/NA	Water	PrecSep-21	
160-58177-23	25050237-025	Total/NA	Water	PrecSep-21	
MB 160-718876/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-718876/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-58177-21 DU	25050237-023	Total/NA	Water	PrecSep-21	

Prep Batch: 718935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58177-21	25050237-023	Total/NA	Water	PrecSep_0	
160-58177-22	25050237-024	Total/NA	Water	PrecSep_0	
160-58177-23	25050237-025	Total/NA	Water	PrecSep_0	
MB 160-718935/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-718935/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-58177-21 DU	25050237-023	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND

Job ID: 160-58177-1
SDG: 25050237

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba					
Lab Sample ID	Client Sample ID	(30-110)					
160-58177-1	25050237-001	78.1					
160-58177-1 DU	25050237-001	76.4					
160-58177-2	25050237-002	62.7					
160-58177-3	25050237-003	76.6					
160-58177-4	25050237-004	93.8					
160-58177-5	25050237-005	77.1					
160-58177-6	25050237-006	80.3					
160-58177-7	25050237-007	85.3					
160-58177-8	25050237-008	89.6					
160-58177-9	25050237-010	94.5					
160-58177-10	25050237-011	89.3					
160-58177-11	25050237-012	85.1					
160-58177-12	25050237-013	85.3					
160-58177-13	25050237-014	86.3					
160-58177-14	25050237-016	67.4					
160-58177-15	25050237-017	70.9					
160-58177-16	25050237-018	85.8					
160-58177-17	25050237-019	77.6					
160-58177-18	25050237-020	88.1					
160-58177-19	25050237-021	94.8					
160-58177-20	25050237-022	79.9					
160-58177-21	25050237-023	79.4					
160-58177-21 DU	25050237-023	85.1					
160-58177-22	25050237-024	51.7					
160-58177-23	25050237-025	81.6					
LCS 160-718874/2-A	Lab Control Sample	79.1					
LCS 160-718876/2-A	Lab Control Sample	78.1					
MB 160-718874/1-A	Method Blank	84.8					
MB 160-718876/1-A	Method Blank	80.8					
Tracer/Carrier Legend							
Ba = Ba Carrier							

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba		Y			
Lab Sample ID	Client Sample ID	(30-110)	(30-110)				
160-58177-1	25050237-001	78.1	83.7				
160-58177-1 DU	25050237-001	76.4	81.1				
160-58177-2	25050237-002	62.7	79.6				
160-58177-3	25050237-003	76.6	79.6				
160-58177-4	25050237-004	93.8	86.0				
160-58177-5	25050237-005	77.1	81.1				
160-58177-6	25050237-006	80.3	83.7				
160-58177-7	25050237-007	85.3	78.9				
160-58177-8	25050237-008	89.6	84.1				
160-58177-9	25050237-010	94.5	72.9				
160-58177-10	25050237-011	89.3	86.0				

Eurofins St. Louis

Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-58177-1
SDG: 25050237

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

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-58177-11	25050237-012	85.1	83.7
160-58177-12	25050237-013	85.3	78.1
160-58177-13	25050237-014	86.3	84.5
160-58177-14	25050237-016	67.4	74.4
160-58177-15	25050237-017	70.9	79.6
160-58177-16	25050237-018	85.8	84.9
160-58177-17	25050237-019	77.6	81.1
160-58177-18	25050237-020	88.1	84.5
160-58177-19	25050237-021	94.8	83.7
160-58177-20	25050237-022	79.9	82.6
160-58177-21	25050237-023	79.4	75.1
160-58177-21 DU	25050237-023	85.1	82.2
160-58177-22	25050237-024	51.7	74.4
160-58177-23	25050237-025	81.6	77.4
LCS 160-718875/2-A	Lab Control Sample	79.1	81.5
LCS 160-718935/2-A	Lab Control Sample	78.1	79.3
MB 160-718875/1-A	Method Blank	84.8	84.5
MB 160-718935/1-A	Method Blank	80.8	80.7

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-01
Sample ID: 001
Date (s): 5/19/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 65 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 9:42 Static Water Level: 15.82 feet below TOC
Total Depth: 27.10 feet below TOC
Water Column: 11.28 feet

Purging Activities

Purged By: JC Purge Date: 5/19/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $11.28 \text{ ft.} \times 0.022 = 0.25 \text{ L} \times 3 \text{ Vol.} = 0.75 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:46	0.0	242	purge start time						
9:55	2.2	↓	6.21	548.60	14.03	4.38	75.60	4.27	
9:58	2.9		6.16	549.50	14.09	3.80	76.90	4.12	
10:01	3.6		6.15	550.20	13.98	3.41	77.40	2.96	
10:04	4.4		6.15	550.00	13.83	3.13	77.50	2.31	
10:07	5.1		6.15	546.80	14.04	2.91	77.30	2.06	
10:10	5.8		6.16	551.50	14.10	2.73	76.90	1.89	
10:13	6.5		6.17	548.70	14.14	2.59	76.50	1.59	
10:16	7.3		6.17	549.20	14.00	2.49	76.10	1.77	
10:19	8.0		6.18	548.80	14.03	2.39	75.70	3.64	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/19/2025 10:19
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.18 pH 548.80 Spec. Cond. 14.03 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 16.48 feet below TOC Drawdown: 0.66 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: 

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-02
Sample ID: 002
Date (s): 5/19/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 64 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 9:40 Static Water Level: 7.62 feet below TOC
Total Depth: 22.20 feet below TOC
Water Column: 14.58 feet

Purging Activities

Purged By: BG Purge Date: 5/19/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.58 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:40	0.0	154	purge start time						
10:07	4.2	↓	7.08	746.30	13.45	0.39	103.60	28.74	
10:10	4.6		7.08	747.00	13.57	0.39	90.80	23.19	
10:13	5.1		7.08	744.00	13.63	0.37	78.60	21.21	
10:16	5.5		7.08	742.30	13.62	0.34	67.50	18.60	
10:19	6.0		7.08	743.60	13.59	0.34	57.90	17.26	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/19/2025 10:19
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.08 pH 743.60 Spec. Cond. 13.59 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 7.84 feet below TOC Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-03
Sample ID: 003
Date (s): 5/20/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 69 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 9:28 Static Water Level: 8.49 feet below TOC
Total Depth: 26.20 feet below TOC
Water Column: 17.71 feet

Purging Activities

Purged By: DC Purge Date: 5/20/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.71 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:28	0.0	261	purge start time						
9:39	2.9	↓	6.65	826.90	13.75	0.75	200.80	10.58	
9:42	3.7		6.65	826.10	14.05	0.57	200.70	8.43	
9:45	4.4		6.65	825.00	14.01	0.47	200.60	6.88	
9:48	5.2		6.65	821.70	14.04	0.38	200.60	5.61	
9:51	6.0		6.65	820.40	13.76	0.33	200.80	4.37	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/20/2025 9:51
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.65 pH 820.40 Spec. Cond. 13.76 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.62 feet below TOC Drawdown: 0.13 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date: 5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-05
Sample ID: 004
Date (s): 5/20/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 69 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☒ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 10:06 Static Water Level: 26.24 feet below TOC
Total Depth: 41.70 feet below TOC
Water Column: 15.46 feet

Purging Activities

Purged By: DC Purge Date: 5/20/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.46 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:06	0.0	250	purge start time						
10:13	1.8	↓	6.48	1,140.40	14.68	0.78	160.90	2.99	
10:16	2.5		6.49	1,144.50	14.74	0.70	157.80	3.24	
10:19	3.3		6.49	1,147.90	14.99	0.71	154.60	3.33	
10:22	4.0		6.49	1,153.50	15.04	0.67	151.30	3.02	
10:25	4.8		6.50	1,150.40	14.96	0.64	147.50	2.22	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/20/2025 10:26
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.50 pH 1,150.40 Spec. Cond. 14.96 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 26.28 feet below TOC Drawdown: 0.04 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date:

5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-06
Sample ID: 005
Date (s): 5/19/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 11:51 Static Water Level: 10.03 feet below TOC
Total Depth: 22.00 feet below TOC
Water Column: 11.97 feet

Purging Activities

Purged By: BG Purge Date: 5/19/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.97 ft. x 0.022 = 0.26 L x 3 Vol. = 0.78 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:51	0.0	217	purge start time						
12:02	2.4	↓	6.53	670.60	13.48	5.34	96.60	11.21	
12:05	3.0		6.52	668.80	13.59	5.35	104.70	8.98	
12:08	3.7		6.52	668.70	13.40	5.32	111.60	7.78	
12:11	4.3		6.52	667.70	13.45	5.30	117.60	6.89	
12:14	5.0		6.52	669.30	13.71	5.27	122.60	5.59	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/19/2025 12:14
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.52 pH 669.30 Spec. Cond. 13.71 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.24 feet below TOC Drawdown: 0.21 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-07
Sample ID: 006
Date (s): 5/19/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 11:19 Static Water Level: 9.69 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 12.11 feet

Purging Activities

Purged By: BG Purge Date: 5/19/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.11 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:19	0.0	238	purge start time						
11:27	1.9	↓	7.12	904.00	13.57	0.40	-101.90	5.39	
11:28	2.1		7.09	899.30	13.60	0.36	-103.50	5.11	
11:31	2.9		7.10	889.50	13.30	0.27	-109.00	5.48	
11:34	3.6		7.10	880.20	13.22	0.22	-110.30	4.30	
11:37	4.3		7.08	873.10	13.33	0.20	-108.80	2.86	
11:40	5.0		7.06	868.10	13.12	0.18	-104.60	2.02	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/19/2025 11:40
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH 868.10 Spec. Cond. 13.12 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.77 feet below TOC Drawdown: 0.08 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By: Brett Gillihan

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-07S
Sample ID: 007
Date (s): 5/19/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 10:51 Static Water Level: 10.50 feet below TOC
Total Depth: 13.49 feet below TOC
Water Column: 2.99 feet

Purging Activities

Purged By: JC Purge Date: 5/19/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $2.99 \text{ ft.} \times 0.022 = 0.07 \text{ L} \times 3 \text{ Vol.} = 0.21 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:51	0.0	214	purge start time						
10:55	0.9	↓	6.69	1,578.90	14.79	6.15	111.00	70.58	
10:58	1.5		6.56	1,565.40	15.40	4.50	106.50	63.77	
11:01	2.1		6.55	1,578.90	16.00	3.72	103.00	14.06	
11:04	2.8		6.55	1,593.00	16.23	3.27	100.00	7.15	
11:07	3.4		6.55	1,595.50	16.03	2.96	97.60	4.35	
11:10	4.1		6.55	1,599.70	16.22	2.72	95.20	3.11	
11:13	4.7		6.55	1,599.30	16.44	2.56	93.10	1.83	
11:16	5.4		6.56	1,601.00	16.49	2.45	91.30	1.59	
11:19	6.0		6.56	1,602.00	16.41	2.34	89.60	5.56	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/19/2025 11:19
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.56 pH 1,602.00 Spec. Cond. 16.41 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.59 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: 

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-08
Sample ID: 008
Date (s): 5/19/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 69 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 10:44 Static Water Level: 9.84 feet below TOC
Total Depth: 24.00 feet below TOC
Water Column: 14.16 feet

Purging Activities

Purged By: BG Purge Date: 5/19/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.16 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:44	0.0	250	purge start time						
10:52	2.0	↓	6.54	1,129.90	13.81	0.53	170.10	2.67	
10:55	2.8		6.52	1,118.20	14.07	0.41	169.40	2.48	
10:58	3.5		6.51	1,114.80	14.04	0.34	168.80	1.93	
11:01	4.3		6.51	1,106.60	14.28	0.28	168.50	1.43	
11:04	5.0		6.51	1,107.60	14.38	0.27	168.30	1.02	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/19/2025 11:04
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.51 pH 1,107.60 Spec. Cond. 14.38 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.89 feet below TOC Drawdown: 0.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-08S
Sample ID: 009
Date (s): 5/19/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 69 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks
Protective Casing
Well

Yes	No
X	
	X

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 10:46

Static Water Level: 10.02 feet below TOC
Total Depth: 10.02 feet below TOC
Water Column: 0.00 feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L): $0 \text{ ft.} \times 0.022 = 0 \text{ L} \times 3 \text{ Vol.} = 0 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 0.00 L
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Well confirmed dry on 5/20; no sample

Form Completed By:

Justin Colp

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-11
Sample ID: 010
Date (s): 5/20/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 12:15 Static Water Level: 11.98 feet below TOC
Total Depth: 12.21 feet below TOC
Water Column: 0.23 feet

Purging Activities

Purged By: DC Purge Date: 5/20/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 0.23 ft. x 0.022 = 0.01 L x 3 Vol. = 0.03 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:15	0.0	286	purge start time						
12:17	0.6	↓	6.81	857.40	15.02	1.51	153.30	8.53	
12:20	1.4		6.77	864.60	15.54	1.39	154.40	33.41	
12:23	2.3		6.76	865.60	15.63	1.30	154.50	48.09	
12:26	3.1		6.76	866.90	15.60	1.15	154.80	25.95	
12:29	4.0		6.76	868.00	15.86	1.05	154.60	19.56	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/20/2025 12:29
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.76 pH 868.00 Spec. Cond. 15.86 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.01 feet below TOC Drawdown: 0.03 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date:

5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-12
Sample ID: 011
Date (s): 5/19/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 76 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 13:22 Static Water Level: 6.71 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 15.09 feet

Purging Activities

Purged By: BG Purge Date: 5/19/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.09 ft. x 0.022 = 0.33 L x 3 Vol. = 0.99 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Rust

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:22	0.0	200	purge start time						
13:35	2.6	↓	6.85	1,330.40	14.32	1.21	-16.00	351.95	
13:38	3.2		6.80	1,328.30	14.35	0.59	-23.30	212.31	
13:41	3.8		6.79	1,329.80	14.38	0.44	-27.10	164.43	
13:44	4.4		6.78	1,332.10	14.19	0.35	-29.80	138.06	
13:47	5.0		6.78	1,328.80	14.07	0.29	-31.10	125.09	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/19/2025 13:47
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.78 pH 1,328.80 Spec. Cond. 14.07 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 7.23 feet below TOC Drawdown: 0.52 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-20
Sample ID: 012
Date (s): 5/20/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 10:41 Static Water Level: 5.95 feet below TOC
Total Depth: 26.25 feet below TOC
Water Column: 20.30 feet

Purging Activities

Purged By: DC Purge Date: 5/20/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 20.3 ft. x 0.022 = 0.45 L x 3 Vol. = 1.35 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:41	0.0	217	purge start time						
10:52	2.4	↓	6.80	919.30	13.49	0.53	157.00	13.31	
10:55	3.0		6.77	919.90	13.52	0.49	159.00	9.06	
10:58	3.7		6.76	920.70	13.59	0.46	159.70	13.53	
11:01	4.3		6.74	921.40	13.62	0.43	160.60	16.15	
11:04	5.0		6.73	920.30	13.48	0.41	161.40	13.17	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/20/2025 11:04
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.73 pH 920.30 Spec. Cond. 13.48 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.15 feet below TOC Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date:

5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-20S
Sample ID: 013
Date (s): 5/20/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 11:57 Static Water Level: 5.70 feet below TOC
Total Depth: 12.21 feet below TOC
Water Column: 6.51 feet

Purging Activities

Purged By: JC Purge Date: 5/20/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $6.51 \text{ ft.} \times 0.022 = 0.14 \text{ L} \times 3 \text{ Vol.} = 0.42 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:57	0.0	280	purge start time						
12:07	2.8	↓	6.55	1,360.30	15.49	3.39	86.00	148.78	
12:10	3.6		6.53	1,334.00	15.22	3.03	86.40	177.18	
12:13	4.5		6.52	1,337.20	15.25	2.77	87.00	252.24	
12:16	5.3		6.51	1,333.40	15.50	2.56	87.20	209.13	
12:19	6.2		6.50	1,313.20	15.62	2.42	87.00	227.05	
12:22	7.0		6.50	1,314.50	15.68	2.33	87.20	170.35	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/20/2025 12:22
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.50 pH 1,314.50 Spec. Cond. 15.68 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 7.28 feet below TOC Drawdown: 1.58 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp

Date: 5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-23
Sample ID: 014
Date (s): 5/20/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 11:26 Static Water Level: 16.11 feet below TOC
Total Depth: 30.27 feet below TOC
Water Column: 14.16 feet

Purging Activities

Purged By: DC Purge Date: 5/20/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.16 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:26	0.0	192	purge start time						
11:40	2.7	↓	6.75	866.90	14.10	1.59	168.10	4.69	
11:43	3.3		6.74	866.50	14.27	1.49	159.50	3.71	
11:46	3.8		6.74	868.70	14.45	1.39	150.20	2.33	
11:49	4.4		6.73	867.40	14.24	1.30	141.50	1.97	
11:52	5.0		6.73	866.70	14.09	1.16	132.30	1.83	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/20/2025 11:52
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.73 pH 866.70 Spec. Cond. 14.09 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 16.12 feet below TOC Drawdown: 0.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date: 5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-27
Sample ID: 015
Date (s): 5/19/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 12:18

Static Water Level: 14.45 feet below TOC
Total Depth: 17.70 feet below TOC
Water Column: 3.25 feet

Purging Activities

Purged By: JC Purge Date: 5/19/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $3.25 \text{ ft.} \times 0.022 = 0.07 \text{ L} \times 3 \text{ Vol.} = 0.21 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:19	0.0	106	purge start time						
12:27	0.9	↓	6.88	1,854.00	14.98	5.48	71.20	8.95	
12:30	1.2		6.81	1,846.10	14.86	5.03	74.00	8.28	
12:33	1.5		6.76	1,705.20	15.04	4.54	76.00	9.38	
12:36	1.8		6.74	1,778.20	16.22	4.54	77.80	10.60	
12:39	2.1		6.76	1,856.70	17.31	4.86	79.30	10.46	
12:42	2.4		6.79	1,856.20	18.31	5.20	81.00	9.82	
12:45	2.8		6.83	1,843.20	19.05	5.54	82.60	9.63	
12:48	3.1		6.85	1,618.40	19.67	5.85	84.40	9.29	
12:51	3.4		6.88	1,684.30	20.20	6.13	86.30	9.36	
12:54	3.7		6.90	1,868.70	20.64	6.37	88.10	8.81	
12:57	4.0		6.93	1,846.80	21.09	6.57	89.80	8.33	
13:00	4.4		6.95	1,873.20	21.49	6.74	91.50	7.97	
13:03	4.7		6.98	1,864.50	21.82	6.88	93.10	7.93	
13:06	5.0		6.99	1,833.30	22.20	6.98	94.60	7.44	

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760
- Well went dry during stabilization on 5/19
- Well confirmed dry on 5/20; no sample collected

Form Completed By:

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-28
Sample ID: 016
Date (s): 5/19/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 74 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 12:36 Static Water Level: 7.34 feet below TOC
Total Depth: 25.07 feet below TOC
Water Column: 17.73 feet

Purging Activities

Purged By: BG Purge Date: 5/19/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.73 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:36	0.0	217	purge start time						
12:44	1.7	↓	6.72	1,799.60	15.40	0.50	160.40	3.17	
12:47	2.4		6.68	1,842.00	15.67	0.38	159.90	16.31	
12:50	3.0		6.68	1,892.50	15.53	0.32	158.10	6.19	
12:53	3.7		6.68	1,917.70	15.51	0.29	156.70	7.57	
12:56	4.3		6.68	1,939.10	15.41	0.26	155.60	4.09	
12:59	5.0		6.68	1,959.10	15.25	0.23	154.70	3.61	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/19/2025 12:59
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.68 pH 1,959.10 Spec. Cond. 15.25 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 7.65 feet below TOC Drawdown: 0.31 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By: Brett Gillihan

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-30
Sample ID: 017
Date (s): 5/20/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 9:15 Static Water Level: 24.76 feet below TOC
Total Depth: 42.47 feet below TOC
Water Column: 17.71 feet

Purging Activities

Purged By: JC Purge Date: 5/20/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $17.71 \text{ ft.} \times 0.022 = 0.39 \text{ L} \times 3 \text{ Vol.} = 1.17 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:18	0.0	176	purge start time						
9:25	1.2	↓	6.43	1,081.00	15.15	4.94	62.20	25.62	
9:28	1.8		6.40	1,078.80	15.07	4.00	58.00	20.38	
9:31	2.3		6.39	1,078.00	15.05	3.43	54.60	41.41	
9:34	2.8		6.39	1,079.90	15.02	3.05	52.40	42.36	
9:37	3.4		6.40	1,078.90	15.04	2.77	50.60	31.84	
9:40	3.9		6.40	1,079.20	15.23	2.56	49.50	20.59	
9:43	4.4		6.40	1,081.80	15.51	2.40	48.50	26.31	
9:46	4.9		6.41	1,083.20	15.52	2.28	47.80	12.73	
9:49	5.5		6.41	1,085.20	15.50	2.18	47.40	12.14	
9:52	6.0		6.41	1,085.70	15.41	2.09	47.10	8.72	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/20/2025 9:52
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.41 pH 1,085.70 Spec. Cond. 15.41 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 29.44 feet below TOC Drawdown: 4.68 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: 

Date: 5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-31
Sample ID: 018
Date (s): 5/20/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 69 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 10:14 Static Water Level: 30.20 feet below TOC
Total Depth: 42.32 feet below TOC
Water Column: 12.12 feet

Purging Activities

Purged By: JC Purge Date: 5/20/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $12.12 \text{ ft.} \times 0.022 = 0.27 \text{ L} \times 3 \text{ Vol.} = 0.81 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:15	0.0	214	purge start time						
10:22	1.5	↓	6.50	1,136.00	15.24	4.14	65.40	50.11	
10:25	2.1		6.48	1,140.20	15.07	3.44	65.40	29.83	
10:28	2.8		6.47	1,146.80	15.13	2.98	65.30	20.66	
10:31	3.4		6.46	1,150.20	15.07	2.67	65.10	12.79	
10:34	4.1		6.45	1,153.20	15.10	2.44	64.80	10.59	
10:37	4.7		6.45	1,154.40	15.08	2.27	64.60	7.26	
10:40	5.4		6.45	1,157.30	15.20	2.13	64.40	5.69	
10:43	6.0		6.45	1,160.00	15.15	2.02	64.20	4.79	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/20/2025 10:43
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.45 pH 1,160.00 Spec. Cond. 15.15 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 31.71 feet below TOC Drawdown: 1.51 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: 

Date: 5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-31S
Sample ID: 019
Date (s): 5/19/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 74 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 13:17 Static Water Level: 23.06 feet below TOC
Total Depth: 32.41 feet below TOC
Water Column: 9.35 feet

Purging Activities

Purged By: JC Purge Date: 5/19/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 9.35 ft. x 0.022 = 0.21 L x 3 Vol. = 0.63 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear Odor: Moderate Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:19	0.0	188	purge start time						
13:22	0.6	↓	6.88	1,404.10	17.21	5.24	67.70	11.61	
13:25	1.1		6.68	1,390.70	17.29	4.05	75.20	7.56	
13:28	1.7		6.63	1,389.10	17.16	3.50	74.20	7.29	
13:31	2.3		6.60	1,387.20	17.05	3.12	71.70	7.96	
13:34	2.8		6.58	1,385.50	17.30	2.86	68.70	8.39	
13:37	3.4		6.57	1,384.10	17.65	2.67	65.40	9.26	
13:40	3.9		6.57	1,384.70	17.57	2.55	62.10	8.49	
13:43	4.5		6.56	1,384.60	18.07	2.46	59.00	6.56	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/19/2025 13:43
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.56 pH 1,384.60 Spec. Cond. 18.07 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: TD feet below TOC Drawdown: 9.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760
- Post Sample DTW is bottom of well

Form Completed By: Justin Colp

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-32
Sample ID: 020
Date (s): 5/20/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 11:04 Static Water Level: 23.62 feet below TOC
Total Depth: 39.29 feet below TOC
Water Column: 15.67 feet

Purging Activities

Purged By: JC Purge Date: 5/20/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $15.67 \text{ ft.} \times 0.022 = 0.34 \text{ L} \times 3 \text{ Vol.} = 1.02 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:05	0.0	188	purge start time						
11:13	1.5	↓	6.38	1,415.60	16.06	4.19	96.00	2.60	
11:16	2.1		6.33	1,420.00	16.00	3.66	96.40	2.65	
11:19	2.6		6.31	1,420.60	16.03	3.20	96.30	2.72	
11:22	3.2		6.30	1,424.50	15.94	2.85	96.00	2.71	
11:25	3.8		6.29	1,424.70	15.92	2.60	95.70	2.64	
11:28	4.3		6.29	1,424.40	15.90	2.41	95.40	2.36	
11:31	4.9		6.28	1,424.90	15.85	2.25	95.10	1.73	
11:34	5.4		6.28	1,425.60	15.82	2.13	94.80	1.37	
11:37	6.0		6.28	1,425.50	15.88	2.02	94.60	1.32	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/20/2025 11:37
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.28 pH 1,425.50 Spec. Cond. 15.88 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 23.90 feet below TOC Drawdown: 0.28 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: 

Date: 5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: PZ4C
Sample ID: 021
Date (s): 5/20/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 75 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 12:36 Static Water Level: 6.86 feet below TOC
Total Depth: 23.18 feet below TOC
Water Column: 16.32 feet

Purging Activities

Purged By: JC Purge Date: 5/20/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.32 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:36	0.0	212	purge start time						
12:44	1.7	↓	6.69	989.00	17.43	3.58	102.30	59.82	
12:47	2.3		6.67	989.30	18.09	3.09	101.50	41.83	
12:50	3.0		6.66	988.00	18.75	2.80	100.40	38.62	
12:53	3.6		6.65	985.00	19.42	2.61	99.30	46.49	
12:56	4.2		6.65	991.30	20.91	2.42	97.30	52.93	
12:59	4.9		6.66	997.90	20.81	2.31	95.90	38.39	
13:02	5.5		6.67	996.90	20.98	2.21	94.50	33.44	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/20/2025 13:02
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.67 pH 996.90 Spec. Cond. 20.98 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.10 feet below TOC Drawdown: 2.24 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Justin Colp

Date: 5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: XSG-01
Sample ID: 022
Date (s): 5/19/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks
Protective Casing
Well

Yes	No

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 11:36

Static Water Level: 5.00 feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: 

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: YSG-03
Sample ID: 023
Date (s): 5/19/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks
Protective Casing
Well

Yes	No

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 11:41

Static Water Level: 13.02 feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: 

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: Field Blank
Sample ID: 024
Date (s): 5/20/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 73 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Locks	Yes	No
Casing	Protective Casing		
Protective Casing	Well		
Reference Mark/Identification			

Groundwater Level Measurements

Date/Time Measured: Static Water Level: feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Direct Grab Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:02	#REF!	↓							

Sampling Activities

Sampled By: JC Sample Date/Time: 5/20/2025 13:02
Sample Method: Direct Sample Sample Equipment: Direct Grab
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: No Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- QA/QC Samp 210760

Form Completed By:

Justin Colp

Date: 5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-02 Duplicate
Sample ID: 025
Date (s): 5/19/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 64 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/19/2025 9:40 Static Water Level: 7.62 feet below TOC
Total Depth: 22.20 feet below TOC
Water Column: 14.58 feet

Purging Activities

Purged By: BG Purge Date: 5/19/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.58 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:40	0.0	154	purge start time						
10:07	4.2	↓	7.08	746.30	13.45	0.39	103.60	28.74	
10:10	4.6		7.08	747.00	13.57	0.39	90.80	23.19	
10:13	5.1		7.08	744.00	13.63	0.37	78.60	21.21	
10:16	5.5		7.08	742.30	13.62	0.34	67.50	18.60	
10:19	6.0		7.08	743.60	13.59	0.34	57.90	17.26	

Sampling Activities

Sampled By: BG Sample Date/Time: 5/19/2025 10:19
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.08 pH 743.60 Spec. Cond. 13.59 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 7.84 feet below TOC Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date: 5/19/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: MW-20 Duplicate
Sample ID: 026
Date (s): 5/20/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 10:41 Static Water Level: 5.95 feet below TOC
Total Depth: 26.25 feet below TOC
Water Column: 20.30 feet

Purging Activities

Purged By: DC Purge Date: 5/20/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 20.3 ft. x 0.022 = 0.45 L x 3 Vol. = 1.35 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:41	0.0	217	purge start time						
10:52	2.4	↓	6.80	919.30	13.49	0.53	157.00	13.31	
10:55	3.0		6.77	919.90	13.52	0.49	159.00	9.06	
10:58	3.7		6.76	920.70	13.59	0.46	159.70	13.53	
11:01	4.3		6.74	921.40	13.62	0.43	160.60	16.15	
11:04	5.0		6.73	920.30	13.48	0.41	161.40	13.17	

Sampling Activities

Sampled By: DC Sample Date/Time: 5/20/2025 11:04
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.73 pH 920.30 Spec. Cond. 13.48 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.15 feet below TOC Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44716

Form Completed By:

Brett Gillihan

Date:

5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: PZ4C Duplicate
Sample ID: 027
Date (s): 5/20/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 75 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 5/20/2025 12:36 Static Water Level: 6.86 feet below TOC
Total Depth: 23.18 feet below TOC
Water Column: 16.32 feet

Purging Activities

Purged By: JC Purge Date: 5/20/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $16.32 \text{ ft.} \times 0.022 = 0.36 \text{ L} \times 3 \text{ Vol.} = 1.08 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:36	0.0	212	purge start time						
12:44	1.7	↓	6.69	989.00	17.43	3.58	102.30	59.82	
12:47	2.3		6.67	989.30	18.09	3.09	101.50	41.83	
12:50	3.0		6.66	988.00	18.75	2.80	100.40	38.62	
12:53	3.6		6.65	985.00	19.42	2.61	99.30	46.49	
12:56	4.2		6.65	991.30	20.91	2.42	97.30	52.93	
12:59	4.9		6.66	997.90	20.81	2.31	95.90	38.39	
13:02	5.5		6.67	996.90	20.98	2.21	94.50	33.44	

Sampling Activities

Sampled By: JC Sample Date/Time: 5/20/2025 13:02
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.67 pH 996.90 Spec. Cond. 20.98 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.10 feet below TOC Drawdown: 2.24 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760
- QA/QC Sample

Form Completed By: 

Date: 5/20/2025



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: Equipment Blank 1
Sample ID: 028
Date (s):

Field Team Members

Name: Affiliation:
Name: Affiliation:

Weather Conditions

Temp: °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks
Protective Casing
Well

Yes	No
X	

Groundwater Level Measurements

Date/Time Measured:

Static Water Level: feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Direct Grab Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment: Direct Grab
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample

Form Completed By: Date:



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: Equipment Blank 2
Sample ID: 029
Date (s):

Field Team Members

Name: Affiliation:
Name: Affiliation:

Weather Conditions

Temp: °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks
Protective Casing
Well

Yes	No

Groundwater Level Measurements

Date/Time Measured:

Static Water Level: feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample

Form Completed By: Date:



Field Data Sheet

Project Name: KIN-25Q2
Project Location: Kincaid, IL
W.O. Number (s): 25050236

Monitoring Point: Equipment Blank 3
Sample ID: 030
Date (s):

Field Team Members

Name: Affiliation:
Name: Affiliation:

Weather Conditions

Temp: °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks
Protective Casing
Well

Yes	No

Groundwater Level Measurements

Date/Time Measured:

Static Water Level: feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample

Form Completed By: Date:



Site Sampling Event: KIN-25Q2
LIMS Workorder: 25050236
Technician(s): DC, JC, BG, PY

Field Calibration Log(s)
Kincaid- 2Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 210760 Technician(s): justin colp Date: 5/19/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	5/19/25 9:08
7.0 Buffer	wc250407a	7.00	5/19/25 9:03
10.0 Buffer	wc240625a	10.00	5/19/25 9:12
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/19/25 9:18

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.88	5/19/25 9:19
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-JC	LCS	5/19/25 9:23	21.4	7.07	1,393	0.78		
CCV-1-JC	CCV	5/19/25 13:55	23.1	6.94	1,395	1.03		

Comments: _____

Field Meter ID: Pine 210760 Technician(s): justin colp Date: 5/20/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	5/20/25 8:53
7.0 Buffer	wc250407a	7.00	5/20/25 8:49
10.0 Buffer	wc240625a	10.00	5/20/25 8:58
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/20/25 9:04

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.19	5/20/25 9:05
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-JC	LCS	5/20/25 9:08	22.4	7.01	1,391	1.17		
CCV-2-JC	CCV	5/20/25 13:12	23.8	6.98	1,392	1.25		

Comments: _____

Site Sampling Event: KIN-25Q2
LIMS Workorder: 25050236
Technician(s): DC, JC, BG, PY

Field Calibration Log(s)
Kincaid- 2Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 44716 Technician(s): Brett Gillihan Date: 5/19/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/19/25 9:20
7.0 Buffer	WC250407A	7.00	5/19/25 9:14
10.0 Buffer	WC240625A	10.01	5/19/25 9:23
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/19/25 9:28

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.05	5/19/25 9:31
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-BG	LCS	5/19/25 9:32	18	7.02	1,420	0.45		
CCV-1-BG	CCV	5/19/25 14:22	20.4	6.99	1,426	0.56		

Comments: _____

Field Meter ID: Pine 44716 Technician(s): Brett Gillihan Date: 5/20/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	5/20/25 8:45
7.0 Buffer	WC250407A	6.99	5/20/25 8:40
10.0 Buffer	WC240625A	10.00	5/20/25 8:50
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	5/20/25 8:52

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.17	5/20/25 8:54
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-BG	LCS	5/20/25 8:58	18.6	7.02	1,413	0.44		
CCV-2-BG	CCV	5/20/25 13:28	19.4	7.05	1,435	0.66		

Comments: _____

**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 2, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-3	UA	E009	Antimony, total	mg/L	12/15/15 - 05/20/25	32	97	CI around median	0.001	0.001
MW-3	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.001	0.00480
MW-3	UA	E009	Barium, total	mg/L	12/15/15 - 05/20/25	32	0	CI around median	0.0451	0.150
MW-3	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.001	0.001
MW-3	UA	E009	Boron, total	mg/L	12/15/15 - 05/20/25	32	0	CI around median	1.56	0.296
MW-3	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.001	0.001
MW-3	UA	E009	Chloride, total	mg/L	12/15/15 - 05/20/25	32	0	CB around linear reg	26.8	18.0
MW-3	UA	E009	Chromium, total	mg/L	12/15/15 - 05/20/25	32	97	CB around T-S line	0.0015	0.00950
MW-3	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/20/25	32	84	CI around median	0.001	0.00390
MW-3	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/20/25	32	12	CI around mean	0.242	0.510
MW-3	UA	E009	Lead, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.001	0.00510
MW-3	UA	E009	Lithium, total	mg/L	02/25/21 - 05/20/25	18	94	CI around median	0.003	0.0120
MW-3	UA	E009	Mercury, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.0002	0.0002
MW-3	UA	E009	Molybdenum, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.0015	0.00620
MW-3	UA	E009	pH (field)	SU	12/15/15 - 05/20/25	32	0	CB around linear reg	6.5/6.8	5.6/7.6
MW-3	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 05/20/25	28	0	CI around median	0.271	1.00
MW-3	UA	E009	Selenium, total	mg/L	12/15/15 - 05/20/25	32	100	All ND - Last	0.001	0.00180
MW-3	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/20/25	32	0	CB around linear reg	111	151
MW-3	UA	E009	Thallium, total	mg/L	12/15/15 - 05/20/25	32	97	CB around T-S line	0.002	0.002
MW-3	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/20/25	32	0	CB around linear reg	542	494
MW-5	UA	E009	Antimony, total	mg/L	12/15/15 - 05/20/25	34	100	All ND - Last	0.001	0.001
MW-5	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/20/25	36	78	CB around T-S line	0.001	0.00480
MW-5	UA	E009	Barium, total	mg/L	12/15/15 - 05/20/25	36	0	CB around T-S line	0.15	0.150
MW-5	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/20/25	34	100	All ND - Last	0.001	0.001
MW-5	UA	E009	Boron, total	mg/L	12/15/15 - 05/20/25	36	0	CI around mean	0.532	0.296
MW-5	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/20/25	33	100	All ND - Last	0.001	0.001
MW-5	UA	E009	Chloride, total	mg/L	12/15/15 - 05/20/25	36	0	CB around linear reg	43.9	18.0

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-5	UA	E009	Chromium, total	mg/L	12/15/15 - 05/20/25	36	89	CB around T-S line	0.0015	0.00950
MW-5	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/20/25	36	81	CI around median	0.001	0.00390
MW-5	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/20/25	36	14	CB around linear reg	0.184	0.510
MW-5	UA	E009	Lead, total	mg/L	12/15/15 - 05/20/25	36	89	CI around median	0.001	0.00510
MW-5	UA	E009	Lithium, total	mg/L	12/15/15 - 05/20/25	28	36	CB around T-S line	0.003	0.0120
MW-5	UA	E009	Mercury, total	mg/L	12/15/15 - 05/20/25	33	100	All ND - Last	0.0002	0.0002
MW-5	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/20/25	28	96	CB around T-S line	0.0015	0.00620
MW-5	UA	E009	pH (field)	SU	12/15/15 - 05/20/25	36	0	CB around linear reg	6.4/6.6	5.6/7.6
MW-5	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/20/25	37	0	CI around median	0.265	1.00
MW-5	UA	E009	Selenium, total	mg/L	12/15/15 - 05/20/25	36	100	All ND - Last	0.001	0.00180
MW-5	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/20/25	36	31	CI around median	10	151
MW-5	UA	E009	Thallium, total	mg/L	12/15/15 - 05/20/25	33	97	CB around T-S line	0.002	0.002
MW-5	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/20/25	36	0	CB around linear reg	735	494
MW-6	UA	E009	Antimony, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.001
MW-6	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.00480
MW-6	UA	E009	Barium, total	mg/L	12/15/15 - 05/19/25	36	0	CB around linear reg	0.0385	0.150
MW-6	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.001
MW-6	UA	E009	Boron, total	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	0.984	0.296
MW-6	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.001	0.001
MW-6	UA	E009	Chloride, total	mg/L	12/15/15 - 05/19/25	36	64	CI around median	4	18.0
MW-6	UA	E009	Chromium, total	mg/L	12/15/15 - 05/19/25	36	78	CB around T-S line	0.0015	0.00950
MW-6	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/19/25	36	97	CI around median	0.001	0.00390
MW-6	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/19/25	36	11	CB around linear reg	0.21	0.510
MW-6	UA	E009	Lead, total	mg/L	12/15/15 - 05/19/25	36	97	CI around median	0.001	0.00510
MW-6	UA	E009	Lithium, total	mg/L	12/15/15 - 05/19/25	28	86	CB around T-S line	0.00296	0.0120
MW-6	UA	E009	Mercury, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.0002	0.0002
MW-6	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/19/25	28	100	All ND - Last	0.0015	0.00620

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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-6	UA	E009	pH (field)	SU	12/15/15 - 05/19/25	36	0	CB around linear reg	6.3/6.5	5.6/7.6
MW-6	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/19/25	37	0	CI around median	0.417	1.00
MW-6	UA	E009	Selenium, total	mg/L	12/15/15 - 05/19/25	36	86	CI around median	0.001	0.00180
MW-6	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/19/25	36	0	CB around linear reg	73.1	151
MW-6	UA	E009	Thallium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.002	0.002
MW-6	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	492	494
MW-7	UA	E009	Antimony, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.001
MW-7	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/19/25	36	58	CB around T-S line	0.001	0.00480
MW-7	UA	E009	Barium, total	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	0.0481	0.150
MW-7	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.001
MW-7	UA	E009	Boron, total	mg/L	12/15/15 - 05/19/25	36	0	CI around geomean	0.215	0.296
MW-7	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.001	0.001
MW-7	UA	E009	Chloride, total	mg/L	12/15/15 - 05/19/25	36	75	CI around median	4	18.0
MW-7	UA	E009	Chromium, total	mg/L	12/15/15 - 05/19/25	36	94	CB around T-S line	0.0015	0.00950
MW-7	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/19/25	36	69	CB around T-S line	0.001	0.00390
MW-7	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/19/25	36	11	CI around mean	0.254	0.510
MW-7	UA	E009	Lead, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.00510
MW-7	UA	E009	Lithium, total	mg/L	12/15/15 - 05/19/25	28	43	CI around median	0.003	0.0120
MW-7	UA	E009	Mercury, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.0002	0.0002
MW-7	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/19/25	28	4	CI around geomean	0.0024	0.00620
MW-7	UA	E009	pH (field)	SU	12/15/15 - 05/19/25	36	0	CB around linear reg	6.7/7.0	5.6/7.6
MW-7	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/19/25	37	0	CI around geomean	0.498	1.00
MW-7	UA	E009	Selenium, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.00180
MW-7	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/19/25	36	0	CI around geomean	183	151
MW-7	UA	E009	Thallium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.002	0.002
MW-7	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	577	494
MW-7S	USCU	E009	Antimony, total	mg/L	02/24/21 - 05/19/25	16	94	CI around median	0.001	0.001

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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-7S	USCU	E009	Arsenic, total	mg/L	02/24/21 - 05/19/25	16	0	CI around median	0.0072	0.00480
MW-7S	USCU	E009	Barium, total	mg/L	02/24/21 - 05/19/25	16	0	CI around median	0.0402	0.150
MW-7S	USCU	E009	Beryllium, total	mg/L	02/24/21 - 05/19/25	16	100	All ND - Last	0.001	0.001
MW-7S	USCU	E009	Boron, total	mg/L	02/24/21 - 05/19/25	16	0	CB around linear reg	4.24	0.296
MW-7S	USCU	E009	Cadmium, total	mg/L	02/24/21 - 05/19/25	16	100	All ND - Last	0.001	0.001
MW-7S	USCU	E009	Chloride, total	mg/L	02/24/21 - 05/19/25	16	0	CB around linear reg	5.61	18.0
MW-7S	USCU	E009	Chromium, total	mg/L	02/24/21 - 05/19/25	16	62	CI around median	0.0015	0.00950
MW-7S	USCU	E009	Cobalt, total	mg/L	02/24/21 - 05/19/25	16	12	CI around geomean	0.00109	0.00390
MW-7S	USCU	E009	Fluoride, total	mg/L	02/24/21 - 05/19/25	16	25	CI around median	0.3	0.510
MW-7S	USCU	E009	Lead, total	mg/L	02/24/21 - 05/19/25	16	81	CI around median	0.001	0.00510
MW-7S	USCU	E009	Lithium, total	mg/L	02/24/21 - 05/19/25	16	94	CI around median	0.003	0.0120
MW-7S	USCU	E009	Mercury, total	mg/L	02/24/21 - 05/19/25	16	100	All ND - Last	0.0002	0.0002
MW-7S	USCU	E009	Molybdenum, total	mg/L	02/24/21 - 05/19/25	16	62	CI around median	0.0015	0.00620
MW-7S	USCU	E009	pH (field)	SU	02/24/21 - 05/19/25	16	0	CI around mean	6.6/6.8	5.6/7.6
MW-7S	USCU	E009	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 05/19/25	16	0	CI around geomean	0.235	1.00
MW-7S	USCU	E009	Selenium, total	mg/L	02/24/21 - 05/19/25	16	100	All ND - Last	0.001	0.00180
MW-7S	USCU	E009	Sulfate, total	mg/L	02/24/21 - 05/19/25	16	0	CI around mean	446	151
MW-7S	USCU	E009	Thallium, total	mg/L	02/24/21 - 05/19/25	16	100	All ND - Last	0.002	0.002
MW-7S	USCU	E009	Total Dissolved Solids	mg/L	02/24/21 - 05/19/25	15	0	CI around median	486	494
MW-8	UA	E009	Antimony, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.001
MW-8	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.00480
MW-8	UA	E009	Barium, total	mg/L	12/15/15 - 05/19/25	36	0	CB around linear reg	0.0192	0.150
MW-8	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.001
MW-8	UA	E009	Boron, total	mg/L	12/15/15 - 05/19/25	36	0	CI around median	0.954	0.296
MW-8	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.001	0.001
MW-8	UA	E009	Chloride, total	mg/L	12/15/15 - 05/19/25	36	0	CB around T-S line	14.1	18.0
MW-8	UA	E009	Chromium, total	mg/L	12/15/15 - 05/19/25	36	97	CB around T-S line	0.0015	0.00950

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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-8	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/19/25	36	17	CB around linear reg	0.000946	0.00390
MW-8	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/19/25	36	11	CB around T-S line	0.224	0.510
MW-8	UA	E009	Lead, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.00510
MW-8	UA	E009	Lithium, total	mg/L	12/15/15 - 05/19/25	28	61	CB around T-S line	0.003	0.0120
MW-8	UA	E009	Mercury, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.0002	0.0002
MW-8	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/19/25	28	100	All ND - Last	0.0015	0.00620
MW-8	UA	E009	pH (field)	SU	12/15/15 - 05/19/25	36	0	CB around linear reg	6.4/6.6	5.6/7.6
MW-8	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/19/25	37	0	CI around median	0.2	1.00
MW-8	UA	E009	Selenium, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.00180
MW-8	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/19/25	36	0	CB around linear reg	189	151
MW-8	UA	E009	Thallium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.002	0.002
MW-8	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/19/25	36	0	CB around T-S line	762	494
MW-8S	USCU	E009	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-8S	USCU	E009	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.00480
MW-8S	USCU	E009	Barium, total	mg/L	--	--	--	--	NS ⁷	0.150
MW-8S	USCU	E009	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-8S	USCU	E009	Boron, total	mg/L	--	--	--	--	NS ⁷	0.296
MW-8S	USCU	E009	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-8S	USCU	E009	Chloride, total	mg/L	--	--	--	--	NS ⁷	18.0
MW-8S	USCU	E009	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.00950
MW-8S	USCU	E009	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.00390
MW-8S	USCU	E009	Fluoride, total	mg/L	--	--	--	--	NS ⁷	0.510
MW-8S	USCU	E009	Lead, total	mg/L	--	--	--	--	NS ⁷	0.00510
MW-8S	USCU	E009	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.0120
MW-8S	USCU	E009	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.0002
MW-8S	USCU	E009	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.00620
MW-8S	USCU	E009	pH (field)	SU	--	--	--	--	NS ⁷	5.6/7.6

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-8S	USCU	E009	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	1.00
MW-8S	USCU	E009	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.00180
MW-8S	USCU	E009	Sulfate, total	mg/L	--	--	--	--	NS ⁷	151
MW-8S	USCU	E009	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002
MW-8S	USCU	E009	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	494
MW-11	UA	E009	Antimony, total	mg/L	12/15/15 - 05/20/25	34	97	CI around median	0.001	0.001
MW-11	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/20/25	36	31	CI around median	0.0011	0.00480
MW-11	UA	E009	Barium, total	mg/L	12/15/15 - 05/20/25	36	0	CB around T-S line	0.106	0.150
MW-11	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/20/25	34	100	All ND - Last	0.001	0.001
MW-11	UA	E009	Boron, total	mg/L	12/15/15 - 05/20/25	36	0	CI around mean	1.54	0.296
MW-11	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/20/25	33	100	All ND - Last	0.001	0.001
MW-11	UA	E009	Chloride, total	mg/L	12/15/15 - 05/20/25	36	0	CB around T-S line	27	18.0
MW-11	UA	E009	Chromium, total	mg/L	12/15/15 - 05/20/25	36	97	CB around T-S line	0.0015	0.00950
MW-11	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/20/25	36	89	CI around median	0.001	0.00390
MW-11	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/20/25	36	8	CI around median	0.48	0.510
MW-11	UA	E009	Lead, total	mg/L	12/15/15 - 05/20/25	36	97	CI around median	0.001	0.00510
MW-11	UA	E009	Lithium, total	mg/L	12/15/15 - 05/20/25	28	50	CB around linear reg	0.00299	0.0120
MW-11	UA	E009	Mercury, total	mg/L	12/15/15 - 05/20/25	33	100	All ND - Last	0.0002	0.0002
MW-11	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/20/25	28	4	CI around median	0.0021	0.00620
MW-11	UA	E009	pH (field)	SU	12/15/15 - 05/20/25	36	0	CB around linear reg	6.5/6.8	5.6/7.6
MW-11	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/20/25	37	0	CI around median	0.56	1.00
MW-11	UA	E009	Selenium, total	mg/L	12/15/15 - 05/20/25	36	64	CI around median	0.001	0.00180
MW-11	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/20/25	36	0	CI around mean	108	151
MW-11	UA	E009	Thallium, total	mg/L	12/15/15 - 05/20/25	33	100	All ND - Last	0.002	0.002
MW-11	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/20/25	36	0	CB around T-S line	595	494
MW-12	UA	E009	Antimony, total	mg/L	12/15/15 - 05/19/25	34	97	CI around median	0.001	0.001
MW-12	UA	E009	Arsenic, total	mg/L	12/15/15 - 05/19/25	36	89	CI around median	0.001	0.00480

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MW-12	UA	E009	Barium, total	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	0.0828	0.150
MW-12	UA	E009	Beryllium, total	mg/L	12/15/15 - 05/19/25	34	100	All ND - Last	0.001	0.001
MW-12	UA	E009	Boron, total	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	2.77	0.296
MW-12	UA	E009	Cadmium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.001	0.001
MW-12	UA	E009	Chloride, total	mg/L	12/15/15 - 05/19/25	36	0	CB around T-S line	14.9	18.0
MW-12	UA	E009	Chromium, total	mg/L	12/15/15 - 05/19/25	36	97	CB around T-S line	0.0015	0.00950
MW-12	UA	E009	Cobalt, total	mg/L	12/15/15 - 05/19/25	36	100	All ND - Last	0.001	0.00390
MW-12	UA	E009	Fluoride, total	mg/L	12/15/15 - 05/19/25	36	11	CB around linear reg	0.206	0.510
MW-12	UA	E009	Lead, total	mg/L	12/15/15 - 05/19/25	36	97	CI around median	0.001	0.00510
MW-12	UA	E009	Lithium, total	mg/L	12/15/15 - 05/19/25	28	0	CI around geomean	0.00859	0.0120
MW-12	UA	E009	Mercury, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.0002	0.0002
MW-12	UA	E009	Molybdenum, total	mg/L	12/15/15 - 05/19/25	28	86	CB around T-S line	0.0015	0.00620
MW-12	UA	E009	pH (field)	SU	12/15/15 - 05/19/25	36	0	CI around mean	6.7/6.8	5.6/7.6
MW-12	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 05/19/25	37	0	CI around median	0.45	1.00
MW-12	UA	E009	Selenium, total	mg/L	12/15/15 - 05/19/25	36	97	CI around median	0.001	0.00180
MW-12	UA	E009	Sulfate, total	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	362	151
MW-12	UA	E009	Thallium, total	mg/L	12/15/15 - 05/19/25	33	100	All ND - Last	0.002	0.002
MW-12	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 05/19/25	36	0	CI around mean	1,080	494
MW-20	UA	E009	Antimony, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.001	0.001
MW-20	UA	E009	Arsenic, total	mg/L	02/26/21 - 05/20/25	18	61	CI around median	0.001	0.00480
MW-20	UA	E009	Barium, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	0.0645	0.150
MW-20	UA	E009	Beryllium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-20	UA	E009	Boron, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	0.685	0.296
MW-20	UA	E009	Cadmium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-20	UA	E009	Chloride, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	18	18.0
MW-20	UA	E009	Chromium, total	mg/L	02/26/21 - 05/20/25	18	89	CI around median	0.0015	0.00950
MW-20	UA	E009	Cobalt, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.001	0.00390

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MW-20	UA	E009	Fluoride, total	mg/L	02/26/21 - 05/20/25	18	22	CI around mean	0.349	0.510
MW-20	UA	E009	Lead, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.00510
MW-20	UA	E009	Lithium, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	-0.00311	0.0120
MW-20	UA	E009	Mercury, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.0002	0.0002
MW-20	UA	E009	Molybdenum, total	mg/L	02/26/21 - 05/20/25	18	6	CB around T-S line	-0.00369	0.00620
MW-20	UA	E009	pH (field)	SU	02/26/21 - 05/20/25	18	0	CI around mean	6.8/7.0	5.6/7.6
MW-20	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 05/20/25	18	0	CB around T-S line	0.423	1.00
MW-20	UA	E009	Selenium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.00180
MW-20	UA	E009	Sulfate, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	152	151
MW-20	UA	E009	Thallium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.002	0.002
MW-20	UA	E009	Total Dissolved Solids	mg/L	02/26/21 - 05/20/25	17	0	CB around linear reg	697	494
MW-20S	USCU	E009	Antimony, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.001	0.001
MW-20S	USCU	E009	Arsenic, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.001	0.00480
MW-20S	USCU	E009	Barium, total	mg/L	02/26/21 - 05/20/25	18	6	CI around median	0.0346	0.150
MW-20S	USCU	E009	Beryllium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-20S	USCU	E009	Boron, total	mg/L	02/26/21 - 05/20/25	18	0	CI around median	1.37	0.296
MW-20S	USCU	E009	Cadmium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-20S	USCU	E009	Chloride, total	mg/L	02/26/21 - 05/20/25	18	0	CI around mean	17.8	18.0
MW-20S	USCU	E009	Chromium, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.0015	0.00950
MW-20S	USCU	E009	Cobalt, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.00390
MW-20S	USCU	E009	Fluoride, total	mg/L	02/26/21 - 05/20/25	18	22	CB around linear reg	0.278	0.510
MW-20S	USCU	E009	Lead, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.00510
MW-20S	USCU	E009	Lithium, total	mg/L	02/26/21 - 05/20/25	18	94	CI around median	0.003	0.0120
MW-20S	USCU	E009	Mercury, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.0002	0.0002
MW-20S	USCU	E009	Molybdenum, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.0015	0.00620
MW-20S	USCU	E009	pH (field)	SU	02/26/21 - 05/20/25	18	0	CI around mean	6.5/6.8	5.6/7.6
MW-20S	USCU	E009	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 05/20/25	18	0	CI around mean	0.189	1.00

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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-20S	USCU	E009	Selenium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.00180
MW-20S	USCU	E009	Sulfate, total	mg/L	02/26/21 - 05/20/25	18	0	CI around mean	306	151
MW-20S	USCU	E009	Thallium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.002	0.002
MW-20S	USCU	E009	Total Dissolved Solids	mg/L	02/26/21 - 05/20/25	17	0	CB around linear reg	943	494
MW-23	UA	E009	Antimony, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-23	UA	E009	Arsenic, total	mg/L	02/26/21 - 05/20/25	18	33	CI around median	0.001	0.00480
MW-23	UA	E009	Barium, total	mg/L	02/26/21 - 05/20/25	18	0	CI around median	0.0928	0.150
MW-23	UA	E009	Beryllium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-23	UA	E009	Boron, total	mg/L	02/26/21 - 05/20/25	18	0	CI around median	1.99	0.296
MW-23	UA	E009	Cadmium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-23	UA	E009	Chloride, total	mg/L	02/26/21 - 05/20/25	18	0	CB around linear reg	22.2	18.0
MW-23	UA	E009	Chromium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.0015	0.00950
MW-23	UA	E009	Cobalt, total	mg/L	02/26/21 - 05/20/25	18	33	CI around median	0.001	0.00390
MW-23	UA	E009	Fluoride, total	mg/L	02/26/21 - 05/20/25	18	22	CI around median	0.34	0.510
MW-23	UA	E009	Lead, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.00510
MW-23	UA	E009	Lithium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.003	0.0120
MW-23	UA	E009	Mercury, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.0002	0.0002
MW-23	UA	E009	Molybdenum, total	mg/L	02/26/21 - 05/20/25	18	89	CI around median	0.0015	0.00620
MW-23	UA	E009	pH (field)	SU	02/26/21 - 05/20/25	18	0	CI around mean	6.6/6.8	5.6/7.6
MW-23	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 05/20/25	18	0	CI around mean	0.269	1.00
MW-23	UA	E009	Selenium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.001	0.00180
MW-23	UA	E009	Sulfate, total	mg/L	02/26/21 - 05/20/25	18	0	CI around mean	42.3	151
MW-23	UA	E009	Thallium, total	mg/L	02/26/21 - 05/20/25	18	100	All ND - Last	0.002	0.002
MW-23	UA	E009	Total Dissolved Solids	mg/L	02/26/21 - 05/20/25	17	0	CI around mean	590	494
MW-27	USCU	E009	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-27	USCU	E009	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.00480
MW-27	USCU	E009	Barium, total	mg/L	--	--	--	--	NS ⁷	0.150

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-27	USCU	E009	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-27	USCU	E009	Boron, total	mg/L	--	--	--	--	NS ⁷	0.296
MW-27	USCU	E009	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-27	USCU	E009	Chloride, total	mg/L	--	--	--	--	NS ⁷	18.0
MW-27	USCU	E009	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.00950
MW-27	USCU	E009	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.00390
MW-27	USCU	E009	Fluoride, total	mg/L	--	--	--	--	NS ⁷	0.510
MW-27	USCU	E009	Lead, total	mg/L	--	--	--	--	NS ⁷	0.00510
MW-27	USCU	E009	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.0120
MW-27	USCU	E009	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.0002
MW-27	USCU	E009	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.00620
MW-27	USCU	E009	pH (field)	SU	--	--	--	--	NS ⁷	5.6/7.6
MW-27	USCU	E009	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	1.00
MW-27	USCU	E009	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.00180
MW-27	USCU	E009	Sulfate, total	mg/L	--	--	--	--	NS ⁷	151
MW-27	USCU	E009	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002
MW-27	USCU	E009	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	494
MW-28	UA	E009	Antimony, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.001
MW-28	UA	E009	Arsenic, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.00480
MW-28	UA	E009	Barium, total	mg/L	02/24/21 - 05/19/25	18	0	CI around mean	0.0235	0.150
MW-28	UA	E009	Beryllium, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.001
MW-28	UA	E009	Boron, total	mg/L	02/24/21 - 05/19/25	18	0	CI around mean	8.45	0.296
MW-28	UA	E009	Cadmium, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.001
MW-28	UA	E009	Chloride, total	mg/L	02/24/21 - 05/19/25	18	0	CI around median	12	18.0
MW-28	UA	E009	Chromium, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.0015	0.00950
MW-28	UA	E009	Cobalt, total	mg/L	02/24/21 - 05/19/25	18	89	CI around median	0.001	0.00390
MW-28	UA	E009	Fluoride, total	mg/L	02/24/21 - 05/19/25	18	22	CB around linear reg	0.202	0.510

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-28	UA	E009	Lead, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.00510
MW-28	UA	E009	Lithium, total	mg/L	02/24/21 - 05/19/25	18	0	CI around mean	0.00613	0.0120
MW-28	UA	E009	Mercury, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.0002	0.0002
MW-28	UA	E009	Molybdenum, total	mg/L	02/24/21 - 05/19/25	18	94	CI around median	0.0015	0.00620
MW-28	UA	E009	pH (field)	SU	02/24/21 - 05/19/25	18	0	CI around mean	6.6/6.8	5.6/7.6
MW-28	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 05/19/25	18	0	CI around mean	0.147	1.00
MW-28	UA	E009	Selenium, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.001	0.00180
MW-28	UA	E009	Sulfate, total	mg/L	02/24/21 - 05/19/25	18	0	CI around mean	838	151
MW-28	UA	E009	Thallium, total	mg/L	02/24/21 - 05/19/25	18	100	All ND - Last	0.002	0.002
MW-28	UA	E009	Total Dissolved Solids	mg/L	02/24/21 - 05/19/25	17	0	CI around mean	1,680	494
MW-30	UA	E009	Antimony, total	mg/L	02/25/21 - 05/20/25	18	94	Most recent sample	0.001	0.001
MW-30	UA	E009	Arsenic, total	mg/L	02/25/21 - 05/20/25	18	6	CB around linear reg	0.00723	0.00480
MW-30	UA	E009	Barium, total	mg/L	02/25/21 - 05/20/25	18	0	CI around geomean	0.154	0.150
MW-30	UA	E009	Beryllium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-30	UA	E009	Boron, total	mg/L	02/25/21 - 05/20/25	18	0	CI around geomean	1.07	0.296
MW-30	UA	E009	Cadmium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-30	UA	E009	Chloride, total	mg/L	02/25/21 - 05/20/25	18	0	CB around linear reg	33.4	18.0
MW-30	UA	E009	Chromium, total	mg/L	02/25/21 - 05/20/25	18	83	CI around median	0.0015	0.00950
MW-30	UA	E009	Cobalt, total	mg/L	02/25/21 - 05/20/25	18	0	CI around mean	0.00208	0.00390
MW-30	UA	E009	Fluoride, total	mg/L	02/25/21 - 05/20/25	18	22	CB around linear reg	0.421	0.510
MW-30	UA	E009	Lead, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.00510
MW-30	UA	E009	Lithium, total	mg/L	02/25/21 - 05/20/25	18	89	CB around T-S line	0.00102	0.0120
MW-30	UA	E009	Mercury, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.0002	0.0002
MW-30	UA	E009	Molybdenum, total	mg/L	02/25/21 - 05/20/25	18	39	CI around median	0.0015	0.00620
MW-30	UA	E009	pH (field)	SU	02/25/21 - 05/20/25	18	0	CI around mean	6.5/6.6	5.6/7.6
MW-30	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 05/20/25	18	0	CI around geomean	0.48	1.00
MW-30	UA	E009	Selenium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.00180

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-30	UA	E009	Sulfate, total	mg/L	02/25/21 - 05/20/25	18	56	CB around T-S line	-126	151
MW-30	UA	E009	Thallium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.002	0.002
MW-30	UA	E009	Total Dissolved Solids	mg/L	02/25/21 - 05/20/25	17	0	CB around T-S line	517	494
MW-31	UA	E009	Antimony, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-31	UA	E009	Arsenic, total	mg/L	02/24/21 - 05/20/25	18	6	CI around geomean	0.00245	0.00480
MW-31	UA	E009	Barium, total	mg/L	02/24/21 - 05/20/25	18	0	CI around mean	0.215	0.150
MW-31	UA	E009	Beryllium, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-31	UA	E009	Boron, total	mg/L	02/24/21 - 05/20/25	18	0	CI around mean	0.232	0.296
MW-31	UA	E009	Cadmium, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-31	UA	E009	Chloride, total	mg/L	02/24/21 - 05/20/25	18	0	CB around linear reg	37.6	18.0
MW-31	UA	E009	Chromium, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.0015	0.00950
MW-31	UA	E009	Cobalt, total	mg/L	02/24/21 - 05/20/25	18	72	CI around median	0.001	0.00390
MW-31	UA	E009	Fluoride, total	mg/L	02/24/21 - 05/20/25	18	22	CI around median	0.17	0.510
MW-31	UA	E009	Lead, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.001	0.00510
MW-31	UA	E009	Lithium, total	mg/L	02/24/21 - 05/20/25	18	0	CI around mean	0.0046	0.0120
MW-31	UA	E009	Mercury, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.0002	0.0002
MW-31	UA	E009	Molybdenum, total	mg/L	02/24/21 - 05/20/25	18	67	CB around T-S line	0.0000547	0.00620
MW-31	UA	E009	pH (field)	SU	02/24/21 - 05/20/25	18	0	CI around mean	6.5/6.7	5.6/7.6
MW-31	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 05/20/25	18	0	CI around geomean	0.578	1.00
MW-31	UA	E009	Selenium, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.001	0.00180
MW-31	UA	E009	Sulfate, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	10	151
MW-31	UA	E009	Thallium, total	mg/L	02/24/21 - 05/20/25	18	100	All ND - Last	0.002	0.002
MW-31	UA	E009	Total Dissolved Solids	mg/L	02/24/21 - 05/20/25	17	0	CI around mean	576	494
MW-31S	USCU	E009	Antimony, total	mg/L	02/24/21 - 05/19/25	17	88	CI around median	0.001	0.001
MW-31S	USCU	E009	Arsenic, total	mg/L	02/24/21 - 05/19/25	17	0	CI around mean	0.00805	0.00480
MW-31S	USCU	E009	Barium, total	mg/L	02/24/21 - 05/19/25	17	0	CI around geomean	0.225	0.150
MW-31S	USCU	E009	Beryllium, total	mg/L	02/24/21 - 05/19/25	17	94	CI around median	0.001	0.001

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-31S	USCU	E009	Boron, total	mg/L	02/24/21 - 05/19/25	17	6	CI around geomean	0.0377	0.296
MW-31S	USCU	E009	Cadmium, total	mg/L	02/24/21 - 05/19/25	17	100	All ND - Last	0.001	0.001
MW-31S	USCU	E009	Chloride, total	mg/L	02/24/21 - 05/19/25	16	0	CI around geomean	12.6	18.0
MW-31S	USCU	E009	Chromium, total	mg/L	02/24/21 - 05/19/25	17	65	CI around median	0.0015	0.00950
MW-31S	USCU	E009	Cobalt, total	mg/L	02/24/21 - 05/19/25	17	0	CI around geomean	0.00248	0.00390
MW-31S	USCU	E009	Fluoride, total	mg/L	02/24/21 - 05/19/25	16	25	CB around linear reg	0.357	0.510
MW-31S	USCU	E009	Lead, total	mg/L	02/24/21 - 05/19/25	17	53	CI around median	0.001	0.00510
MW-31S	USCU	E009	Lithium, total	mg/L	02/24/21 - 05/19/25	17	65	CI around median	0.003	0.0120
MW-31S	USCU	E009	Mercury, total	mg/L	02/24/21 - 05/19/25	17	100	All ND - Last	0.0002	0.0002
MW-31S	USCU	E009	Molybdenum, total	mg/L	02/24/21 - 05/19/25	17	53	CB around T-S line	-0.00109	0.00620
MW-31S	USCU	E009	pH (field)	SU	02/24/21 - 05/19/25	18	0	CI around mean	6.5/6.7	5.6/7.6
MW-31S	USCU	E009	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 05/19/25	16	0	CI around mean	0.887	1.00
MW-31S	USCU	E009	Selenium, total	mg/L	02/24/21 - 05/19/25	17	100	All ND - Last	0.001	0.00180
MW-31S	USCU	E009	Sulfate, total	mg/L	02/24/21 - 05/19/25	16	38	CB around linear reg	-68.5	151
MW-31S	USCU	E009	Thallium, total	mg/L	02/24/21 - 05/19/25	17	100	All ND - Last	0.002	0.002
MW-31S	USCU	E009	Total Dissolved Solids	mg/L	02/24/21 - 05/19/25	15	0	CI around mean	727	494
MW-32	UA	E009	Antimony, total	mg/L	02/25/21 - 05/20/25	18	94	CI around median	0.001	0.001
MW-32	UA	E009	Arsenic, total	mg/L	02/25/21 - 05/20/25	18	94	CI around median	0.001	0.00480
MW-32	UA	E009	Barium, total	mg/L	02/25/21 - 05/20/25	18	0	CB around linear reg	0.0237	0.150
MW-32	UA	E009	Beryllium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-32	UA	E009	Boron, total	mg/L	02/25/21 - 05/20/25	18	0	CI around mean	1.55	0.296
MW-32	UA	E009	Cadmium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.001
MW-32	UA	E009	Chloride, total	mg/L	02/25/21 - 05/20/25	18	0	CB around linear reg	8.58	18.0
MW-32	UA	E009	Chromium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.0015	0.00950
MW-32	UA	E009	Cobalt, total	mg/L	02/25/21 - 05/20/25	18	83	CI around median	0.001	0.00390
MW-32	UA	E009	Fluoride, total	mg/L	02/25/21 - 05/20/25	18	22	CI around median	0.17	0.510
MW-32	UA	E009	Lead, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.00510

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MW-32	UA	E009	Lithium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.003	0.0120
MW-32	UA	E009	Mercury, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.0002	0.0002
MW-32	UA	E009	Molybdenum, total	mg/L	02/25/21 - 05/20/25	18	94	CI around median	0.0015	0.00620
MW-32	UA	E009	pH (field)	SU	02/25/21 - 05/20/25	18	0	CI around mean	6.3/6.5	5.6/7.6
MW-32	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 05/20/25	18	0	CI around median	0.239	1.00
MW-32	UA	E009	Selenium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.001	0.00180
MW-32	UA	E009	Sulfate, total	mg/L	02/25/21 - 05/20/25	18	0	CB around linear reg	281	151
MW-32	UA	E009	Thallium, total	mg/L	02/25/21 - 05/20/25	18	100	All ND - Last	0.002	0.002
MW-32	UA	E009	Total Dissolved Solids	mg/L	02/25/21 - 05/20/25	17	0	CB around linear reg	963	494
PZ-4C	UA	E009	Antimony, total	mg/L	02/25/21 - 05/20/25	17	88	CI around median	0.001	0.001
PZ-4C	UA	E009	Arsenic, total	mg/L	02/25/21 - 05/20/25	17	29	CI around median	0.001	0.00480
PZ-4C	UA	E009	Barium, total	mg/L	02/25/21 - 05/20/25	17	0	CI around median	0.251	0.150
PZ-4C	UA	E009	Beryllium, total	mg/L	02/25/21 - 05/20/25	17	94	CI around median	0.001	0.001
PZ-4C	UA	E009	Boron, total	mg/L	02/25/21 - 05/20/25	17	0	CI around mean	1.42	0.296
PZ-4C	UA	E009	Cadmium, total	mg/L	02/25/21 - 05/20/25	17	94	CI around median	0.001	0.001
PZ-4C	UA	E009	Chloride, total	mg/L	02/25/21 - 05/20/25	17	0	CB around linear reg	29.5	18.0
PZ-4C	UA	E009	Chromium, total	mg/L	02/25/21 - 05/20/25	17	35	CI around median	0.0015	0.00950
PZ-4C	UA	E009	Cobalt, total	mg/L	02/25/21 - 05/20/25	17	76	CI around median	0.001	0.00390
PZ-4C	UA	E009	Fluoride, total	mg/L	02/25/21 - 05/20/25	17	24	CI around geomean	0.355	0.510
PZ-4C	UA	E009	Lead, total	mg/L	02/25/21 - 05/20/25	17	59	CI around median	0.001	0.00510
PZ-4C	UA	E009	Lithium, total	mg/L	02/25/21 - 05/20/25	17	0	CI around median	0.007	0.0120
PZ-4C	UA	E009	Mercury, total	mg/L	02/25/21 - 05/20/25	17	94	CI around median	0.0002	0.0002
PZ-4C	UA	E009	Molybdenum, total	mg/L	02/25/21 - 05/20/25	17	82	CI around median	0.0015	0.00620
PZ-4C	UA	E009	pH (field)	SU	02/25/21 - 05/20/25	17	0	CI around mean	6.7/7.0	5.6/7.6
PZ-4C	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 05/20/25	17	0	CI around geomean	0.664	1.00
PZ-4C	UA	E009	Selenium, total	mg/L	02/25/21 - 05/20/25	17	100	All ND - Last	0.001	0.00180
PZ-4C	UA	E009	Sulfate, total	mg/L	02/25/21 - 05/20/25	17	0	CI around median	65.6	151

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
PZ-4C	UA	E009	Thallium, total	mg/L	02/25/21 - 05/20/25	17	100	All ND - Last	0.002	0.002
PZ-4C	UA	E009	Total Dissolved Solids	mg/L	02/25/21 - 05/20/25	16	0	CI around mean	552	494

Notes:

-- = no data available

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Kincaid Generation, LLC’s (Kincaid Generation’s) operating permit application for the Ash Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, Kincaid Generation has not identified any actual exceedances.

Events:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

USCU = Upper Semi-Confining Unit

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

For pH, the values presented are the lower / upper limits of the background determination

ATTACHMENTS