

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

May 31, 2025

Illinois Environmental Protection Agency
DWPC – Permits MC#15
Attn: Part 845 Coal Combustion Residual Rule Submittal
2520 West Iles Avenue
P.O. Box 19276
Springfield, IL 62794

Re: 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 1, 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 GWPSs.

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), and 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 1, 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 Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of 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 1, 2025 ASH POND, KINCAID POWER PLANT, KINCAID, ILLINOIS

May 31, 2025

Samples were collected and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on April 1, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 1, 2025 sampling event. Monitoring well MW-8S was purged dry and did not recover sufficiently to yield adequate volume for a sample; therefore, a groundwater sample was not collected for this sampling event. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 1, 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 Plan², constituent concentrations observed at compliance monitoring wells in Quarter 1, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

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

TABLES

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

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

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

¹ Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of 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 1, 2025
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-1	Background	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-1	Background	E008	02/24/2025	Arsenic, total	0.0004	mg/L
MW-1	Background	E008	02/24/2025	Barium, total	0.0507	mg/L
MW-1	Background	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-1	Background	E008	02/24/2025	Boron, total	0.271	mg/L
MW-1	Background	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-1	Background	E008	02/24/2025	Calcium, total	58.1	mg/L
MW-1	Background	E008	02/24/2025	Chloride, total	14.4	mg/L
MW-1	Background	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-1	Background	E008	02/24/2025	Cobalt, total	0.0003	mg/L
MW-1	Background	E008	02/24/2025	Dissolved Oxygen	1.61	mg/L
MW-1	Background	E008	02/24/2025	Fluoride, total	0.23	mg/L
MW-1	Background	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-1	Background	E008	02/24/2025	Lithium, total	0.0021	mg/L
MW-1	Background	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-1	Background	E008	02/24/2025	Molybdenum, total	0.0006	mg/L
MW-1	Background	E008	02/24/2025	Oxidation Reduction Potential	69.0	mV
MW-1	Background	E008	02/24/2025	pH (field)	6.4	SU
MW-1	Background	E008	02/24/2025	Radium 226 + Radium 228, total	0.147	pCi/L
MW-1	Background	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-1	Background	E008	02/24/2025	Specific Conductance @ 25C (field)	407	micromhos/cm
MW-1	Background	E008	02/24/2025	Sulfate, total	80.7	mg/L
MW-1	Background	E008	02/24/2025	Temperature	12.9	degrees C
MW-1	Background	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-1	Background	E008	02/24/2025	Total Dissolved Solids	328	mg/L
MW-1	Background	E008	02/24/2025	Turbidity, field	1.00	NTU
MW-2	Background	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-2	Background	E008	02/24/2025	Arsenic, total	0.00180	mg/L
MW-2	Background	E008	02/24/2025	Barium, total	0.106	mg/L
MW-2	Background	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-2	Background	E008	02/24/2025	Boron, total	0.0506	mg/L
MW-2	Background	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-2	Background	E008	02/24/2025	Calcium, total	101	mg/L
MW-2	Background	E008	02/24/2025	Chloride, total	14.6	mg/L
MW-2	Background	E008	02/24/2025	Chromium, total	0.00200	mg/L
MW-2	Background	E008	02/24/2025	Cobalt, total	0.0007	mg/L
MW-2	Background	E008	02/24/2025	Dissolved Oxygen	1.51	mg/L
MW-2	Background	E008	02/24/2025	Fluoride, total	0.45	mg/L
MW-2	Background	E008	02/24/2025	Lead, total	0.00100	mg/L
MW-2	Background	E008	02/24/2025	Lithium, total	0.00540	mg/L
MW-2	Background	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-2	Background	E008	02/24/2025	Molybdenum, total	0.00370	mg/L
MW-2	Background	E008	02/24/2025	Oxidation Reduction Potential	2.00	mV
MW-2	Background	E008	02/24/2025	pH (field)	7.2	SU
MW-2	Background	E008	02/24/2025	Radium 226 + Radium 228, total	0.181	pCi/L
MW-2	Background	E008	02/24/2025	Selenium, total	0.0006	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	E008	02/24/2025	Specific Conductance @ 25C (field)	593	micromhos/cm
MW-2	Background	E008	02/24/2025	Sulfate, total	139	mg/L
MW-2	Background	E008	02/24/2025	Temperature	11.8	degrees C
MW-2	Background	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-2	Background	E008	02/24/2025	Total Dissolved Solids	506	mg/L
MW-2	Background	E008	02/24/2025	Turbidity, field	17.0	NTU
MW-3	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-3	Compliance	E008	02/24/2025	Arsenic, total	0.0007	mg/L
MW-3	Compliance	E008	02/24/2025	Barium, total	0.0498	mg/L
MW-3	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-3	Compliance	E008	02/24/2025	Boron, total	1.57	mg/L
MW-3	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-3	Compliance	E008	02/24/2025	Calcium, total	98.4	mg/L
MW-3	Compliance	E008	02/24/2025	Chloride, total	27.3	mg/L
MW-3	Compliance	E008	02/24/2025	Chromium, total	0.0013	mg/L
MW-3	Compliance	E008	02/24/2025	Cobalt, total	0.00400	mg/L
MW-3	Compliance	E008	02/24/2025	Dissolved Oxygen	0.880	mg/L
MW-3	Compliance	E008	02/24/2025	Fluoride, total	0.24	mg/L
MW-3	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-3	Compliance	E008	02/24/2025	Lithium, total	0.0018	mg/L
MW-3	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-3	Compliance	E008	02/24/2025	Molybdenum, total	0.0006	mg/L
MW-3	Compliance	E008	02/24/2025	Oxidation Reduction Potential	39.0	mV
MW-3	Compliance	E008	02/24/2025	pH (field)	6.7	SU
MW-3	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	0.91	pCi/L
MW-3	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-3	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	724	micromhos/cm
MW-3	Compliance	E008	02/24/2025	Sulfate, total	127	mg/L
MW-3	Compliance	E008	02/24/2025	Temperature	13.0	degrees C
MW-3	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-3	Compliance	E008	02/24/2025	Total Dissolved Solids	582	mg/L
MW-3	Compliance	E008	02/24/2025	Turbidity, field	25.0	NTU
MW-5	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-5	Compliance	E008	02/24/2025	Arsenic, total	0.0008	mg/L
MW-5	Compliance	E008	02/24/2025	Barium, total	0.189	mg/L
MW-5	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-5	Compliance	E008	02/24/2025	Boron, total	0.617	mg/L
MW-5	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-5	Compliance	E008	02/24/2025	Calcium, total	174	mg/L
MW-5	Compliance	E008	02/24/2025	Chloride, total	40.5	mg/L
MW-5	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-5	Compliance	E008	02/24/2025	Cobalt, total	0.0008	mg/L
MW-5	Compliance	E008	02/24/2025	Dissolved Oxygen	0.540	mg/L
MW-5	Compliance	E008	02/24/2025	Fluoride, total	0.14	mg/L
MW-5	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-5	Compliance	E008	02/24/2025	Lithium, total	0.0027	mg/L

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MW-5	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-5	Compliance	E008	02/24/2025	Molybdenum, total	0.0008	mg/L
MW-5	Compliance	E008	02/24/2025	Oxidation Reduction Potential	-13.0	mV
MW-5	Compliance	E008	02/24/2025	pH (field)	6.6	SU
MW-5	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	1.18	pCi/L
MW-5	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-5	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	1,040	micromhos/cm
MW-5	Compliance	E008	02/24/2025	Sulfate, total	10.2	mg/L
MW-5	Compliance	E008	02/24/2025	Temperature	14.6	degrees C
MW-5	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-5	Compliance	E008	02/24/2025	Total Dissolved Solids	776	mg/L
MW-5	Compliance	E008	02/24/2025	Turbidity, field	6.50	NTU
MW-6	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-6	Compliance	E008	02/24/2025	Arsenic, total	0.0004	mg/L
MW-6	Compliance	E008	02/24/2025	Barium, total	0.0354	mg/L
MW-6	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-6	Compliance	E008	02/24/2025	Boron, total	0.922	mg/L
MW-6	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-6	Compliance	E008	02/24/2025	Calcium, total	93.1	mg/L
MW-6	Compliance	E008	02/24/2025	Chloride, total	2	mg/L
MW-6	Compliance	E008	02/24/2025	Chromium, total	0.00270	mg/L
MW-6	Compliance	E008	02/24/2025	Cobalt, total	0.0002	mg/L
MW-6	Compliance	E008	02/24/2025	Dissolved Oxygen	6.51	mg/L
MW-6	Compliance	E008	02/24/2025	Fluoride, total	0.2	mg/L
MW-6	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-6	Compliance	E008	02/24/2025	Lithium, total	0.0015	mg/L
MW-6	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-6	Compliance	E008	02/24/2025	Molybdenum, total	0.0006	mg/L
MW-6	Compliance	E008	02/24/2025	Oxidation Reduction Potential	90.0	mV
MW-6	Compliance	E008	02/24/2025	pH (field)	6.5	SU
MW-6	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	1.64	pCi/L
MW-6	Compliance	E008	02/24/2025	Selenium, total	0.00130	mg/L
MW-6	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	569	micromhos/cm
MW-6	Compliance	E008	02/24/2025	Sulfate, total	129	mg/L
MW-6	Compliance	E008	02/24/2025	Temperature	12.3	degrees C
MW-6	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-6	Compliance	E008	02/24/2025	Total Dissolved Solids	464	mg/L
MW-6	Compliance	E008	02/24/2025	Turbidity, field	12.0	NTU
MW-7	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-7	Compliance	E008	02/24/2025	Arsenic, total	0.00210	mg/L
MW-7	Compliance	E008	02/24/2025	Barium, total	0.0471	mg/L
MW-7	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-7	Compliance	E008	02/24/2025	Boron, total	0.204	mg/L
MW-7	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-7	Compliance	E008	02/24/2025	Calcium, total	143	mg/L
MW-7	Compliance	E008	02/24/2025	Chloride, total	1.3	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	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-7	Compliance	E008	02/24/2025	Cobalt, total	0.00170	mg/L
MW-7	Compliance	E008	02/24/2025	Dissolved Oxygen	0.320	mg/L
MW-7	Compliance	E008	02/24/2025	Fluoride, total	0.27	mg/L
MW-7	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-7	Compliance	E008	02/24/2025	Lithium, total	0.0026	mg/L
MW-7	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-7	Compliance	E008	02/24/2025	Molybdenum, total	0.00170	mg/L
MW-7	Compliance	E008	02/24/2025	Oxidation Reduction Potential	-16.0	mV
MW-7	Compliance	E008	02/24/2025	pH (field)	7.0	SU
MW-7	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	1.91	pCi/L
MW-7	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-7	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	762	micromhos/cm
MW-7	Compliance	E008	02/24/2025	Sulfate, total	240	mg/L
MW-7	Compliance	E008	02/24/2025	Temperature	11.0	degrees C
MW-7	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-7	Compliance	E008	02/24/2025	Total Dissolved Solids	736	mg/L
MW-7	Compliance	E008	02/24/2025	Turbidity, field	35.0	NTU
MW-7S	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-7S	Compliance	E008	02/24/2025	Arsenic, total	0.0126	mg/L
MW-7S	Compliance	E008	02/24/2025	Barium, total	0.0513	mg/L
MW-7S	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-7S	Compliance	E008	02/24/2025	Boron, total	5.75	mg/L
MW-7S	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-7S	Compliance	E008	02/24/2025	Calcium, total	181	mg/L
MW-7S	Compliance	E008	02/24/2025	Chloride, total	6.30	mg/L
MW-7S	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-7S	Compliance	E008	02/24/2025	Cobalt, total	0.00140	mg/L
MW-7S	Compliance	E008	02/24/2025	Dissolved Oxygen	2.13	mg/L
MW-7S	Compliance	E008	02/24/2025	Fluoride, total	0.32	mg/L
MW-7S	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-7S	Compliance	E008	02/24/2025	Lithium, total	0.0015	mg/L
MW-7S	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-7S	Compliance	E008	02/24/2025	Molybdenum, total	0.0012	mg/L
MW-7S	Compliance	E008	02/24/2025	Oxidation Reduction Potential	-62.0	mV
MW-7S	Compliance	E008	02/24/2025	pH (field)	6.8	SU
MW-7S	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	6.15	pCi/L
MW-7S	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-7S	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	2,160	micromhos/cm
MW-7S	Compliance	E008	02/24/2025	Sulfate, total	472	mg/L
MW-7S	Compliance	E008	02/24/2025	Temperature	13.1	degrees C
MW-7S	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-7S	Compliance	E008	02/24/2025	Total Dissolved Solids	1,140	mg/L
MW-7S	Compliance	E008	02/24/2025	Turbidity, field	3.20	NTU
MW-8	Compliance	E008	02/25/2025	Antimony, total	0.0004	mg/L
MW-8	Compliance	E008	02/25/2025	Arsenic, total	0.0004	mg/L

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ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-8	Compliance	E008	02/25/2025	Barium, total	0.0216	mg/L
MW-8	Compliance	E008	02/25/2025	Beryllium, total	0.0002	mg/L
MW-8	Compliance	E008	02/25/2025	Boron, total	1.06	mg/L
MW-8	Compliance	E008	02/25/2025	Cadmium, total	0.0002	mg/L
MW-8	Compliance	E008	02/25/2025	Calcium, total	133	mg/L
MW-8	Compliance	E008	02/25/2025	Chloride, total	17.7	mg/L
MW-8	Compliance	E008	02/25/2025	Chromium, total	0.0007	mg/L
MW-8	Compliance	E008	02/25/2025	Cobalt, total	0.0008	mg/L
MW-8	Compliance	E008	02/25/2025	Dissolved Oxygen	0.870	mg/L
MW-8	Compliance	E008	02/25/2025	Fluoride, total	0.17	mg/L
MW-8	Compliance	E008	02/25/2025	Lead, total	0.0006	mg/L
MW-8	Compliance	E008	02/25/2025	Lithium, total	0.0025	mg/L
MW-8	Compliance	E008	02/25/2025	Mercury, total	0.00006	mg/L
MW-8	Compliance	E008	02/25/2025	Molybdenum, total	0.0006	mg/L
MW-8	Compliance	E008	02/25/2025	Oxidation Reduction Potential	120	mV
MW-8	Compliance	E008	02/25/2025	pH (field)	6.5	SU
MW-8	Compliance	E008	02/25/2025	Radium 226 + Radium 228, total	4.88	pCi/L
MW-8	Compliance	E008	02/25/2025	Selenium, total	0.0006	mg/L
MW-8	Compliance	E008	02/25/2025	Specific Conductance @ 25C (field)	919	micromhos/cm
MW-8	Compliance	E008	02/25/2025	Sulfate, total	212	mg/L
MW-8	Compliance	E008	02/25/2025	Temperature	13.4	degrees C
MW-8	Compliance	E008	02/25/2025	Thallium, total	0.001	mg/L
MW-8	Compliance	E008	02/25/2025	Total Dissolved Solids	814	mg/L
MW-8	Compliance	E008	02/25/2025	Turbidity, field	2.20	NTU
MW-8S	Compliance	E008	--	Antimony, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Arsenic, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Barium, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Beryllium, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Boron, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Cadmium, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Calcium, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Chloride, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Chromium, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Cobalt, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Dissolved Oxygen	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Fluoride, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Lead, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Lithium, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Mercury, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Molybdenum, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Oxidation Reduction Potential	NS ⁷	mV
MW-8S	Compliance	E008	--	pH (field)	NS ⁷	SU
MW-8S	Compliance	E008	--	Radium 226 + Radium 228, total	NS ⁷	pCi/L
MW-8S	Compliance	E008	--	Selenium, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Specific Conductance @ 25C (field)	NS ⁷	micromhos/cm
MW-8S	Compliance	E008	--	Sulfate, total	NS ⁷	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-8S	Compliance	E008	--	Temperature	NS ⁷	degrees C
MW-8S	Compliance	E008	--	Thallium, total	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Total Dissolved Solids	NS ⁷	mg/L
MW-8S	Compliance	E008	--	Turbidity, field	NS ⁷	NTU
MW-11	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-11	Compliance	E008	02/24/2025	Arsenic, total	0.00140	mg/L
MW-11	Compliance	E008	02/24/2025	Barium, total	0.122	mg/L
MW-11	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-11	Compliance	E008	02/24/2025	Boron, total	1.53	mg/L
MW-11	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-11	Compliance	E008	02/24/2025	Calcium, total	119	mg/L
MW-11	Compliance	E008	02/24/2025	Chloride, total	31.2	mg/L
MW-11	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-11	Compliance	E008	02/24/2025	Cobalt, total	0.00230	mg/L
MW-11	Compliance	E008	02/24/2025	Dissolved Oxygen	0.970	mg/L
MW-11	Compliance	E008	02/24/2025	Fluoride, total	0.49	mg/L
MW-11	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-11	Compliance	E008	02/24/2025	Lithium, total	0.00410	mg/L
MW-11	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-11	Compliance	E008	02/24/2025	Molybdenum, total	0.00190	mg/L
MW-11	Compliance	E008	02/24/2025	Oxidation Reduction Potential	66.0	mV
MW-11	Compliance	E008	02/24/2025	pH (field)	6.8	SU
MW-11	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	8.62	pCi/L
MW-11	Compliance	E008	02/24/2025	Selenium, total	0.00130	mg/L
MW-11	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	797	micromhos/cm
MW-11	Compliance	E008	02/24/2025	Sulfate, total	110	mg/L
MW-11	Compliance	E008	02/24/2025	Temperature	13.4	degrees C
MW-11	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-11	Compliance	E008	02/24/2025	Total Dissolved Solids	640	mg/L
MW-11	Compliance	E008	02/24/2025	Turbidity, field	1.30	NTU
MW-12	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-12	Compliance	E008	02/24/2025	Arsenic, total	0.0006	mg/L
MW-12	Compliance	E008	02/24/2025	Barium, total	0.0853	mg/L
MW-12	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-12	Compliance	E008	02/24/2025	Boron, total	2.85	mg/L
MW-12	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-12	Compliance	E008	02/24/2025	Calcium, total	198	mg/L
MW-12	Compliance	E008	02/24/2025	Chloride, total	27.6	mg/L
MW-12	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-12	Compliance	E008	02/24/2025	Cobalt, total	0.0001	mg/L
MW-12	Compliance	E008	02/24/2025	Dissolved Oxygen	1.98	mg/L
MW-12	Compliance	E008	02/24/2025	Fluoride, total	0.19	mg/L
MW-12	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-12	Compliance	E008	02/24/2025	Lithium, total	0.00940	mg/L
MW-12	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-12	Compliance	E008	02/24/2025	Molybdenum, total	0.001	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-12	Compliance	E008	02/24/2025	Oxidation Reduction Potential	-14.0	mV
MW-12	Compliance	E008	02/24/2025	pH (field)	6.8	SU
MW-12	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	6.07	pCi/L
MW-12	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-12	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	2,120	micromhos/cm
MW-12	Compliance	E008	02/24/2025	Sulfate, total	356	mg/L
MW-12	Compliance	E008	02/24/2025	Temperature	12.5	degrees C
MW-12	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-12	Compliance	E008	02/24/2025	Total Dissolved Solids	1,070	mg/L
MW-12	Compliance	E008	02/24/2025	Turbidity, field	120	NTU
MW-20	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-20	Compliance	E008	02/24/2025	Arsenic, total	0.0004	mg/L
MW-20	Compliance	E008	02/24/2025	Barium, total	0.0881	mg/L
MW-20	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-20	Compliance	E008	02/24/2025	Boron, total	0.768	mg/L
MW-20	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-20	Compliance	E008	02/24/2025	Calcium, total	133	mg/L
MW-20	Compliance	E008	02/24/2025	Chloride, total	19.0	mg/L
MW-20	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-20	Compliance	E008	02/24/2025	Cobalt, total	0.0001	mg/L
MW-20	Compliance	E008	02/24/2025	Dissolved Oxygen	3.84	mg/L
MW-20	Compliance	E008	02/24/2025	Fluoride, total	0.35	mg/L
MW-20	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-20	Compliance	E008	02/24/2025	Lithium, total	0.00420	mg/L
MW-20	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-20	Compliance	E008	02/24/2025	Molybdenum, total	0.00240	mg/L
MW-20	Compliance	E008	02/24/2025	Oxidation Reduction Potential	108	mV
MW-20	Compliance	E008	02/24/2025	pH (field)	7.1	SU
MW-20	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	4.69	pCi/L
MW-20	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-20	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	1,520	micromhos/cm
MW-20	Compliance	E008	02/24/2025	Sulfate, total	162	mg/L
MW-20	Compliance	E008	02/24/2025	Temperature	11.9	degrees C
MW-20	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-20	Compliance	E008	02/24/2025	Total Dissolved Solids	724	mg/L
MW-20	Compliance	E008	02/24/2025	Turbidity, field	39.0	NTU
MW-20S	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-20S	Compliance	E008	02/24/2025	Arsenic, total	0.0004	mg/L
MW-20S	Compliance	E008	02/24/2025	Barium, total	0.0299	mg/L
MW-20S	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-20S	Compliance	E008	02/24/2025	Boron, total	1.74	mg/L
MW-20S	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-20S	Compliance	E008	02/24/2025	Calcium, total	183	mg/L
MW-20S	Compliance	E008	02/24/2025	Chloride, total	16.6	mg/L
MW-20S	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-20S	Compliance	E008	02/24/2025	Cobalt, total	0.0001	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-20S	Compliance	E008	02/24/2025	Dissolved Oxygen	4.85	mg/L
MW-20S	Compliance	E008	02/24/2025	Fluoride, total	0.17	mg/L
MW-20S	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-20S	Compliance	E008	02/24/2025	Lithium, total	0.00350	mg/L
MW-20S	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-20S	Compliance	E008	02/24/2025	Molybdenum, total	0.0006	mg/L
MW-20S	Compliance	E008	02/24/2025	Oxidation Reduction Potential	138	mV
MW-20S	Compliance	E008	02/24/2025	pH (field)	6.9	SU
MW-20S	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	0.183	pCi/L
MW-20S	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-20S	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	1,990	micromhos/cm
MW-20S	Compliance	E008	02/24/2025	Sulfate, total	405	mg/L
MW-20S	Compliance	E008	02/24/2025	Temperature	9.20	degrees C
MW-20S	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-20S	Compliance	E008	02/24/2025	Total Dissolved Solids	1,070	mg/L
MW-20S	Compliance	E008	02/24/2025	Turbidity, field	10.0	NTU
MW-23	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-23	Compliance	E008	02/24/2025	Arsenic, total	0.00200	mg/L
MW-23	Compliance	E008	02/24/2025	Barium, total	0.109	mg/L
MW-23	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-23	Compliance	E008	02/24/2025	Boron, total	2.60	mg/L
MW-23	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-23	Compliance	E008	02/24/2025	Calcium, total	111	mg/L
MW-23	Compliance	E008	02/24/2025	Chloride, total	22.8	mg/L
MW-23	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-23	Compliance	E008	02/24/2025	Cobalt, total	0.00180	mg/L
MW-23	Compliance	E008	02/24/2025	Dissolved Oxygen	2.16	mg/L
MW-23	Compliance	E008	02/24/2025	Fluoride, total	0.28	mg/L
MW-23	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-23	Compliance	E008	02/24/2025	Lithium, total	0.002	mg/L
MW-23	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-23	Compliance	E008	02/24/2025	Molybdenum, total	0.00180	mg/L
MW-23	Compliance	E008	02/24/2025	Oxidation Reduction Potential	-72.0	mV
MW-23	Compliance	E008	02/24/2025	pH (field)	6.9	SU
MW-23	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	0.388	pCi/L
MW-23	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-23	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	783	micromhos/cm
MW-23	Compliance	E008	02/24/2025	Sulfate, total	48.0	mg/L
MW-23	Compliance	E008	02/24/2025	Temperature	14.2	degrees C
MW-23	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-23	Compliance	E008	02/24/2025	Total Dissolved Solids	618	mg/L
MW-23	Compliance	E008	02/24/2025	Turbidity, field	3.80	NTU
MW-27	Compliance	E008	02/25/2025	Antimony, total	0.0004	mg/L
MW-27	Compliance	E008	02/25/2025	Arsenic, total	0.00140	mg/L
MW-27	Compliance	E008	02/25/2025	Barium, total	0.0647	mg/L
MW-27	Compliance	E008	02/25/2025	Beryllium, total	0.0002	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-27	Compliance	E008	02/25/2025	Boron, total	1.32	mg/L
MW-27	Compliance	E008	02/25/2025	Cadmium, total	0.0002	mg/L
MW-27	Compliance	E008	02/25/2025	Calcium, total	165	mg/L
MW-27	Compliance	E008	02/25/2025	Chloride, total	15.6	mg/L
MW-27	Compliance	E008	02/25/2025	Chromium, total	0.0007	mg/L
MW-27	Compliance	E008	02/25/2025	Cobalt, total	0.00120	mg/L
MW-27	Compliance	E008	02/25/2025	Dissolved Oxygen	7.03	mg/L
MW-27	Compliance	E008	02/25/2025	Fluoride, total	0.14	mg/L
MW-27	Compliance	E008	02/25/2025	Lead, total	0.0006	mg/L
MW-27	Compliance	E008	02/25/2025	Lithium, total	0.0028	mg/L
MW-27	Compliance	E008	02/25/2025	Mercury, total	0.00006	mg/L
MW-27	Compliance	E008	02/25/2025	Molybdenum, total	0.001	mg/L
MW-27	Compliance	E008	02/25/2025	Oxidation Reduction Potential	133	mV
MW-27	Compliance	E008	02/25/2025	pH (field)	6.8	SU
MW-27	Compliance	E008	02/25/2025	Radium 226 + Radium 228, total	0.123	pCi/L
MW-27	Compliance	E008	02/25/2025	Selenium, total	0.0006	mg/L
MW-27	Compliance	E008	02/25/2025	Specific Conductance @ 25C (field)	1,180	micromhos/cm
MW-27	Compliance	E008	02/25/2025	Sulfate, total	336	mg/L
MW-27	Compliance	E008	02/25/2025	Temperature	12.8	degrees C
MW-27	Compliance	E008	02/25/2025	Thallium, total	0.001	mg/L
MW-27	Compliance	E008	02/25/2025	Total Dissolved Solids	1,110	mg/L
MW-27	Compliance	E008	02/25/2025	Turbidity, field	10.0	NTU
MW-28	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-28	Compliance	E008	02/24/2025	Arsenic, total	0.0004	mg/L
MW-28	Compliance	E008	02/24/2025	Barium, total	0.0255	mg/L
MW-28	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-28	Compliance	E008	02/24/2025	Boron, total	6.48	mg/L
MW-28	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-28	Compliance	E008	02/24/2025	Calcium, total	271	mg/L
MW-28	Compliance	E008	02/24/2025	Chloride, total	7.37	mg/L
MW-28	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-28	Compliance	E008	02/24/2025	Cobalt, total	0.0005	mg/L
MW-28	Compliance	E008	02/24/2025	Dissolved Oxygen	1.81	mg/L
MW-28	Compliance	E008	02/24/2025	Fluoride, total	0.04	mg/L
MW-28	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-28	Compliance	E008	02/24/2025	Lithium, total	0.00570	mg/L
MW-28	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-28	Compliance	E008	02/24/2025	Molybdenum, total	0.0006	mg/L
MW-28	Compliance	E008	02/24/2025	Oxidation Reduction Potential	94.0	mV
MW-28	Compliance	E008	02/24/2025	pH (field)	6.7	SU
MW-28	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	0.105	pCi/L
MW-28	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-28	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	2,980	micromhos/cm
MW-28	Compliance	E008	02/24/2025	Sulfate, total	928	mg/L
MW-28	Compliance	E008	02/24/2025	Temperature	12.9	degrees C
MW-28	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-28	Compliance	E008	02/24/2025	Total Dissolved Solids	1,770	mg/L
MW-28	Compliance	E008	02/24/2025	Turbidity, field	3.10	NTU
MW-30	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-30	Compliance	E008	02/24/2025	Arsenic, total	0.0258	mg/L
MW-30	Compliance	E008	02/24/2025	Barium, total	0.233	mg/L
MW-30	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-30	Compliance	E008	02/24/2025	Boron, total	0.885	mg/L
MW-30	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-30	Compliance	E008	02/24/2025	Calcium, total	111	mg/L
MW-30	Compliance	E008	02/24/2025	Chloride, total	33.7	mg/L
MW-30	Compliance	E008	02/24/2025	Chromium, total	0.0008	mg/L
MW-30	Compliance	E008	02/24/2025	Cobalt, total	0.00240	mg/L
MW-30	Compliance	E008	02/24/2025	Dissolved Oxygen	1.89	mg/L
MW-30	Compliance	E008	02/24/2025	Fluoride, total	0.28	mg/L
MW-30	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-30	Compliance	E008	02/24/2025	Lithium, total	0.0015	mg/L
MW-30	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-30	Compliance	E008	02/24/2025	Molybdenum, total	0.0012	mg/L
MW-30	Compliance	E008	02/24/2025	Oxidation Reduction Potential	-77.0	mV
MW-30	Compliance	E008	02/24/2025	pH (field)	6.7	SU
MW-30	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	0.534	pCi/L
MW-30	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-30	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	1,520	micromhos/cm
MW-30	Compliance	E008	02/24/2025	Sulfate, total	0.99	mg/L
MW-30	Compliance	E008	02/24/2025	Temperature	14.1	degrees C
MW-30	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-30	Compliance	E008	02/24/2025	Total Dissolved Solids	610	mg/L
MW-30	Compliance	E008	02/24/2025	Turbidity, field	4.10	NTU
MW-31	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-31	Compliance	E008	02/24/2025	Arsenic, total	0.00350	mg/L
MW-31	Compliance	E008	02/24/2025	Barium, total	0.225	mg/L
MW-31	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-31	Compliance	E008	02/24/2025	Boron, total	0.217	mg/L
MW-31	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-31	Compliance	E008	02/24/2025	Calcium, total	134	mg/L
MW-31	Compliance	E008	02/24/2025	Chloride, total	38.5	mg/L
MW-31	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-31	Compliance	E008	02/24/2025	Cobalt, total	0.0006	mg/L
MW-31	Compliance	E008	02/24/2025	Dissolved Oxygen	1.67	mg/L
MW-31	Compliance	E008	02/24/2025	Fluoride, total	0.09	mg/L
MW-31	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-31	Compliance	E008	02/24/2025	Lithium, total	0.00500	mg/L
MW-31	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-31	Compliance	E008	02/24/2025	Molybdenum, total	0.0006	mg/L
MW-31	Compliance	E008	02/24/2025	Oxidation Reduction Potential	-62.0	mV
MW-31	Compliance	E008	02/24/2025	pH (field)	6.7	SU

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-31	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	0.694	pCi/L
MW-31	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-31	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	1,600	micromhos/cm
MW-31	Compliance	E008	02/24/2025	Sulfate, total	0.99	mg/L
MW-31	Compliance	E008	02/24/2025	Temperature	13.6	degrees C
MW-31	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-31	Compliance	E008	02/24/2025	Total Dissolved Solids	635	mg/L
MW-31	Compliance	E008	02/24/2025	Turbidity, field	1.80	NTU
MW-31S	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-31S	Compliance	E008	02/24/2025	Arsenic, total	0.0176	mg/L
MW-31S	Compliance	E008	02/24/2025	Barium, total	0.277	mg/L
MW-31S	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-31S	Compliance	E008	02/24/2025	Boron, total	0.0348	mg/L
MW-31S	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-31S	Compliance	E008	02/24/2025	Calcium, total	167	mg/L
MW-31S	Compliance	E008	02/24/2025	Chloride, total	9.33	mg/L
MW-31S	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-31S	Compliance	E008	02/24/2025	Cobalt, total	0.00260	mg/L
MW-31S	Compliance	E008	02/24/2025	Dissolved Oxygen	1.67	mg/L
MW-31S	Compliance	E008	02/24/2025	Fluoride, total	0.21	mg/L
MW-31S	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-31S	Compliance	E008	02/24/2025	Lithium, total	0.0015	mg/L
MW-31S	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-31S	Compliance	E008	02/24/2025	Molybdenum, total	0.0006	mg/L
MW-31S	Compliance	E008	02/24/2025	Oxidation Reduction Potential	-96.0	mV
MW-31S	Compliance	E008	02/24/2025	pH (field)	6.8	SU
MW-31S	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	0.876	pCi/L
MW-31S	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-31S	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	1,860	micromhos/cm
MW-31S	Compliance	E008	02/24/2025	Sulfate, total	0.99	mg/L
MW-31S	Compliance	E008	02/24/2025	Temperature	14.4	degrees C
MW-31S	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-31S	Compliance	E008	02/24/2025	Total Dissolved Solids	790	mg/L
MW-31S	Compliance	E008	02/24/2025	Turbidity, field	30.0	NTU
MW-32	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
MW-32	Compliance	E008	02/24/2025	Arsenic, total	0.0004	mg/L
MW-32	Compliance	E008	02/24/2025	Barium, total	0.0428	mg/L
MW-32	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
MW-32	Compliance	E008	02/24/2025	Boron, total	1.45	mg/L
MW-32	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
MW-32	Compliance	E008	02/24/2025	Calcium, total	160	mg/L
MW-32	Compliance	E008	02/24/2025	Chloride, total	9.09	mg/L
MW-32	Compliance	E008	02/24/2025	Chromium, total	0.0007	mg/L
MW-32	Compliance	E008	02/24/2025	Cobalt, total	0.0003	mg/L
MW-32	Compliance	E008	02/24/2025	Dissolved Oxygen	1.84	mg/L
MW-32	Compliance	E008	02/24/2025	Fluoride, total	0.13	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-32	Compliance	E008	02/24/2025	Lead, total	0.0006	mg/L
MW-32	Compliance	E008	02/24/2025	Lithium, total	0.0017	mg/L
MW-32	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
MW-32	Compliance	E008	02/24/2025	Molybdenum, total	0.00170	mg/L
MW-32	Compliance	E008	02/24/2025	Oxidation Reduction Potential	90.0	mV
MW-32	Compliance	E008	02/24/2025	pH (field)	6.5	SU
MW-32	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	0.106	pCi/L
MW-32	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
MW-32	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	1,980	micromhos/cm
MW-32	Compliance	E008	02/24/2025	Sulfate, total	312	mg/L
MW-32	Compliance	E008	02/24/2025	Temperature	14.5	degrees C
MW-32	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
MW-32	Compliance	E008	02/24/2025	Total Dissolved Solids	1,000	mg/L
MW-32	Compliance	E008	02/24/2025	Turbidity, field	1.80	NTU
PZ-4C	Compliance	E008	02/24/2025	Antimony, total	0.0004	mg/L
PZ-4C	Compliance	E008	02/24/2025	Arsenic, total	0.00260	mg/L
PZ-4C	Compliance	E008	02/24/2025	Barium, total	0.286	mg/L
PZ-4C	Compliance	E008	02/24/2025	Beryllium, total	0.0002	mg/L
PZ-4C	Compliance	E008	02/24/2025	Boron, total	1.53	mg/L
PZ-4C	Compliance	E008	02/24/2025	Cadmium, total	0.0002	mg/L
PZ-4C	Compliance	E008	02/24/2025	Calcium, total	117	mg/L
PZ-4C	Compliance	E008	02/24/2025	Chloride, total	30.4	mg/L
PZ-4C	Compliance	E008	02/24/2025	Chromium, total	0.00250	mg/L
PZ-4C	Compliance	E008	02/24/2025	Cobalt, total	0.0007	mg/L
PZ-4C	Compliance	E008	02/24/2025	Dissolved Oxygen	0.870	mg/L
PZ-4C	Compliance	E008	02/24/2025	Fluoride, total	0.31	mg/L
PZ-4C	Compliance	E008	02/24/2025	Lead, total	0.00110	mg/L
PZ-4C	Compliance	E008	02/24/2025	Lithium, total	0.00920	mg/L
PZ-4C	Compliance	E008	02/24/2025	Mercury, total	0.00006	mg/L
PZ-4C	Compliance	E008	02/24/2025	Molybdenum, total	0.0006	mg/L
PZ-4C	Compliance	E008	02/24/2025	Oxidation Reduction Potential	-29.0	mV
PZ-4C	Compliance	E008	02/24/2025	pH (field)	6.8	SU
PZ-4C	Compliance	E008	02/24/2025	Radium 226 + Radium 228, total	0.856	pCi/L
PZ-4C	Compliance	E008	02/24/2025	Selenium, total	0.0006	mg/L
PZ-4C	Compliance	E008	02/24/2025	Specific Conductance @ 25C (field)	736	micromhos/cm
PZ-4C	Compliance	E008	02/24/2025	Sulfate, total	65.6	mg/L
PZ-4C	Compliance	E008	02/24/2025	Temperature	12.7	degrees C
PZ-4C	Compliance	E008	02/24/2025	Thallium, total	0.001	mg/L
PZ-4C	Compliance	E008	02/24/2025	Total Dissolved Solids	590	mg/L
PZ-4C	Compliance	E008	02/24/2025	Turbidity, field	43.0	NTU

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

Notes:

C = Celsius
cm = centimeter
Events:
 E008 = Quarter 1, 2025 sampling event
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
Result Code (if applicable):
 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.:
SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	31	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-3	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-3	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	31	0	CI around median	0.0453	2.0	Standard	No Exceedance
MW-3	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-3	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	31	0	CI around median	1.57	2	Standard	No Exceedance
MW-3	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-3	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	31	0	CB around linear reg	26.7	200	Standard	No Exceedance
MW-3	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	31	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	31	86	CI around median	0.001	0.006	Standard	No Exceedance
MW-3	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	31	8	CI around mean	0.242	4.0	Standard	No Exceedance
MW-3	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-3	UA	E008	Lithium, total	mg/L	02/25/21 - 02/24/25	17	94	CI around median	0.003	0.04	Standard	No Exceedance
MW-3	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-3	UA	E008	Molybdenum, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	31	0	CB around linear reg	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-3	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 02/24/25	27	0	CI around median	0.271	5	Standard	No Exceedance
MW-3	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-3	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	31	0	CB around linear reg	111	400	Standard	No Exceedance
MW-3	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	31	97	CB around T-S line	0.002	0.002	Standard	No Exceedance
MW-3	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	31	0	CB around linear reg	540	1,200	Standard	No Exceedance
MW-5	UA	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-5	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	35	80	CB around T-S line	0.001	0.010	Standard	No Exceedance
MW-5	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	35	0	CB around T-S line	0.151	2.0	Standard	No Exceedance
MW-5	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-5	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	0.533	2	Standard	No Exceedance
MW-5	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-5	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	43.8	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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-5	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	35	90	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-5	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	35	82	CI around median	0.001	0.006	Standard	No Exceedance
MW-5	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	35	10	CB around linear reg	0.178	4.0	Standard	No Exceedance
MW-5	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	35	90	CI around median	0.001	0.0075	Standard	No Exceedance
MW-5	UA	E008	Lithium, total	mg/L	12/15/15 - 02/24/25	27	33	CB around T-S line	0.003	0.04	Standard	No Exceedance
MW-5	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-5	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/24/25	27	96	CB around T-S line	0.00147	0.1	Standard	No Exceedance
MW-5	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	35	0	CB around linear reg	6.4/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-5	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/24/25	36	0	CI around median	0.3	5	Standard	No Exceedance
MW-5	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	35	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-5	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	35	32	CI around median	10	400	Standard	No Exceedance
MW-5	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	32	97	CB around T-S line	0.002	0.002	Standard	No Exceedance
MW-5	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	726	1,200	Standard	No Exceedance
MW-6	UA	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-6	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	35	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-6	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	0.0376	2.0	Standard	No Exceedance
MW-6	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-6	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	0.976	2	Standard	No Exceedance
MW-6	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-6	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	35	58	CB around T-S line	2.6	200	Standard	No Exceedance
MW-6	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	35	82	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-6	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	35	98	CI around median	0.001	0.006	Standard	No Exceedance
MW-6	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	35	7	CB around linear reg	0.206	4.0	Standard	No Exceedance
MW-6	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	35	98	CI around median	0.001	0.0075	Standard	No Exceedance
MW-6	UA	E008	Lithium, total	mg/L	12/15/15 - 02/24/25	27	85	CB around T-S line	0.00293	0.04	Standard	No Exceedance
MW-6	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-6	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/24/25	27	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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-6	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	35	0	CB around linear reg	6.3/6.5	5.6/9.0	Background/Standard	No Exceedance
MW-6	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/24/25	36	0	CI around median	0.417	5	Standard	No Exceedance
MW-6	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	35	90	CI around median	0.001	0.05	Standard	No Exceedance
MW-6	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	72.9	400	Standard	No Exceedance
MW-6	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-6	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	492	1,200	Standard	No Exceedance
MW-7	UA	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-7	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	35	65	CI around median	0.001	0.010	Standard	No Exceedance
MW-7	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	0.0478	2.0	Standard	No Exceedance
MW-7	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-7	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	35	0	CI around geomean	0.212	2	Standard	No Exceedance
MW-7	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-7	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	35	75	CI around median	4	200	Standard	No Exceedance
MW-7	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	35	95	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-7	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	35	75	CB around T-S line	0.001	0.006	Standard	No Exceedance
MW-7	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	35	7	CI around mean	0.254	4.0	Standard	No Exceedance
MW-7	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	35	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-7	UA	E008	Lithium, total	mg/L	12/15/15 - 02/24/25	27	44	CI around median	0.003	0.04	Standard	No Exceedance
MW-7	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-7	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/24/25	27	4	CB around T-S line	0.00141	0.1	Standard	No Exceedance
MW-7	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	35	0	CB around linear reg	6.7/7.0	5.6/9.0	Background/Standard	No Exceedance
MW-7	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/24/25	36	0	CI around geomean	0.488	5	Standard	No Exceedance
MW-7	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	35	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-7	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	35	0	CI around geomean	182	400	Standard	No Exceedance
MW-7	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-7	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	591	1,200	Standard	No Exceedance
MW-7S	USCU	E008	Antimony, total	mg/L	02/24/21 - 02/24/25	15	93	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Arsenic, total	mg/L	02/24/21 - 02/24/25	15	0	CI around median	0.0069	0.010	Standard	No Exceedance
MW-7S	USCU	E008	Barium, total	mg/L	02/24/21 - 02/24/25	15	0	CI around median	0.0393	2.0	Standard	No Exceedance
MW-7S	USCU	E008	Beryllium, total	mg/L	02/24/21 - 02/24/25	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-7S	USCU	E008	Boron, total	mg/L	02/24/21 - 02/24/25	15	0	CI around mean	4.04	2	Standard	Exceedance
MW-7S	USCU	E008	Cadmium, total	mg/L	02/24/21 - 02/24/25	15	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-7S	USCU	E008	Chloride, total	mg/L	02/24/21 - 02/24/25	15	0	CB around linear reg	5.8	200	Standard	No Exceedance
MW-7S	USCU	E008	Chromium, total	mg/L	02/24/21 - 02/24/25	15	60	CI around median	0.0015	0.1	Standard	No Exceedance
MW-7S	USCU	E008	Cobalt, total	mg/L	02/24/21 - 02/24/25	15	13	CI around geomean	0.00107	0.006	Standard	No Exceedance
MW-7S	USCU	E008	Fluoride, total	mg/L	02/24/21 - 02/24/25	15	20	CI around median	0.29	4.0	Standard	No Exceedance
MW-7S	USCU	E008	Lead, total	mg/L	02/24/21 - 02/24/25	15	80	CI around median	0.001	0.0075	Standard	No Exceedance
MW-7S	USCU	E008	Lithium, total	mg/L	02/24/21 - 02/24/25	15	93	CI around median	0.003	0.04	Standard	No Exceedance
MW-7S	USCU	E008	Mercury, total	mg/L	02/24/21 - 02/24/25	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-7S	USCU	E008	Molybdenum, total	mg/L	02/24/21 - 02/24/25	15	67	CI around median	0.0015	0.1	Standard	No Exceedance
MW-7S	USCU	E008	pH (field)	SU	02/24/21 - 02/24/25	15	0	CI around median	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-7S	USCU	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 02/24/25	15	0	CI around geomean	0.216	5	Standard	No Exceedance
MW-7S	USCU	E008	Selenium, total	mg/L	02/24/21 - 02/24/25	15	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-7S	USCU	E008	Sulfate, total	mg/L	02/24/21 - 02/24/25	15	0	CI around mean	442	400	Standard	Exceedance
MW-7S	USCU	E008	Thallium, total	mg/L	02/24/21 - 02/24/25	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-7S	USCU	E008	Total Dissolved Solids	mg/L	02/24/21 - 02/24/25	14	0	CI around median	1,010	1,200	Standard	No Exceedance
MW-8	UA	E008	Antimony, total	mg/L	12/15/15 - 02/25/25	33	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-8	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/25/25	35	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-8	UA	E008	Barium, total	mg/L	12/15/15 - 02/25/25	35	0	CB around linear reg	0.0199	2.0	Standard	No Exceedance
MW-8	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/25/25	33	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-8	UA	E008	Boron, total	mg/L	12/15/15 - 02/25/25	35	0	CI around median	0.954	2	Standard	No Exceedance
MW-8	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/25/25	32	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-8	UA	E008	Chloride, total	mg/L	12/15/15 - 02/25/25	35	0	CB around T-S line	13.5	200	Standard	No Exceedance
MW-8	UA	E008	Chromium, total	mg/L	12/15/15 - 02/25/25	35	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Cobalt, total	mg/L	12/15/15 - 02/25/25	35	28	CI around geomean	0.00102	0.006	Standard	No Exceedance
MW-8	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/25/25	35	7	CB around T-S line	0.221	4.0	Standard	No Exceedance
MW-8	UA	E008	Lead, total	mg/L	12/15/15 - 02/25/25	35	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-8	UA	E008	Lithium, total	mg/L	12/15/15 - 02/25/25	27	59	CB around T-S line	0.003	0.04	Standard	No Exceedance
MW-8	UA	E008	Mercury, total	mg/L	12/15/15 - 02/25/25	32	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-8	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/25/25	27	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-8	UA	E008	pH (field)	SU	12/15/15 - 02/25/25	35	0	CB around linear reg	6.4/6.6	5.6/9.0	Background/Standard	No Exceedance
MW-8	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/25/25	36	0	CI around median	0.21	5	Standard	No Exceedance
MW-8	UA	E008	Selenium, total	mg/L	12/15/15 - 02/25/25	35	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-8	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/25/25	35	0	CB around linear reg	192	400	Standard	No Exceedance
MW-8	UA	E008	Thallium, total	mg/L	12/15/15 - 02/25/25	32	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-8	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/25/25	35	0	CB around T-S line	755	1,200	Standard	No Exceedance
MW-8S	USCU	E008	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-8S	USCU	E008	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.010	Standard	--
MW-8S	USCU	E008	Barium, total	mg/L	--	--	--	--	NS ⁷	2.0	Standard	--
MW-8S	USCU	E008	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.004	Standard	--
MW-8S	USCU	E008	Boron, total	mg/L	--	--	--	--	NS ⁷	2	Standard	--
MW-8S	USCU	E008	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.005	Standard	--
MW-8S	USCU	E008	Chloride, total	mg/L	--	--	--	--	NS ⁷	200	Standard	--
MW-8S	USCU	E008	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-8S	USCU	E008	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-8S	USCU	E008	Fluoride, total	mg/L	--	--	--	--	NS ⁷	4.0	Standard	--
MW-8S	USCU	E008	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0075	Standard	--
MW-8S	USCU	E008	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.04	Standard	--
MW-8S	USCU	E008	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-8S	USCU	E008	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-8S	USCU	E008	pH (field)	SU	--	--	--	--	NS ⁷	5.6/9.0	Background/Standard	--

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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-8S	USCU	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	5	Standard	--
MW-8S	USCU	E008	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.05	Standard	--
MW-8S	USCU	E008	Sulfate, total	mg/L	--	--	--	--	NS ⁷	400	Standard	--
MW-8S	USCU	E008	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-8S	USCU	E008	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	1,200	Standard	--
MW-11	UA	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	33	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-11	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	35	29	CI around median	0.0011	0.010	Standard	No Exceedance
MW-11	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	35	0	CB around T-S line	0.107	2.0	Standard	No Exceedance
MW-11	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-11	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	1.54	2	Standard	No Exceedance
MW-11	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-11	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	35	0	CB around T-S line	26.7	200	Standard	No Exceedance
MW-11	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	35	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-11	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	35	91	CI around median	0.001	0.006	Standard	No Exceedance
MW-11	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	35	9	CI around median	0.48	4.0	Standard	No Exceedance
MW-11	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	35	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-11	UA	E008	Lithium, total	mg/L	12/15/15 - 02/24/25	27	48	CB around linear reg	0.00299	0.04	Standard	No Exceedance
MW-11	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-11	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/24/25	27	4	CI around median	0.0021	0.1	Standard	No Exceedance
MW-11	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	35	0	CB around linear reg	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-11	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/24/25	36	0	CI around median	0.56	5	Standard	No Exceedance
MW-11	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	35	66	CI around median	0.001	0.05	Standard	No Exceedance
MW-11	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	108	400	Standard	No Exceedance
MW-11	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-11	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	590	1,200	Standard	No Exceedance
MW-12	UA	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	33	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-12	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	35	89	CB around T-S line	0.001	0.010	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-12	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	0.0829	2.0	Standard	No Exceedance
MW-12	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-12	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	2.75	2	Standard	Exceedance
MW-12	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-12	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	20.4	200	Standard	No Exceedance
MW-12	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	35	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-12	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	35	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-12	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	35	9	CB around linear reg	0.201	4.0	Standard	No Exceedance
MW-12	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	35	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-12	UA	E008	Lithium, total	mg/L	12/15/15 - 02/24/25	27	0	CI around geomean	0.00856	0.04	Standard	No Exceedance
MW-12	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-12	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/24/25	27	85	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-12	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	35	0	CB around linear reg	6.4/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-12	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/24/25	36	0	CI around median	0.45	5	Standard	No Exceedance
MW-12	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	35	97	CI around median	0.001	0.05	Standard	No Exceedance
MW-12	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	362	400	Standard	No Exceedance
MW-12	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-12	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	997	1,200	Standard	No Exceedance
MW-20	UA	E008	Antimony, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-20	UA	E008	Arsenic, total	mg/L	02/26/21 - 02/24/25	17	59	CI around median	0.001	0.010	Standard	No Exceedance
MW-20	UA	E008	Barium, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	0.0648	2.0	Standard	No Exceedance
MW-20	UA	E008	Beryllium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-20	UA	E008	Boron, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	0.671	2	Standard	No Exceedance
MW-20	UA	E008	Cadmium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-20	UA	E008	Chloride, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	18	200	Standard	No Exceedance
MW-20	UA	E008	Chromium, total	mg/L	02/26/21 - 02/24/25	17	88	CI around median	0.0015	0.1	Standard	No Exceedance
MW-20	UA	E008	Cobalt, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.001	0.006	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-20	UA	E008	Fluoride, total	mg/L	02/26/21 - 02/24/25	17	18	CI around mean	0.348	4.0	Standard	No Exceedance
MW-20	UA	E008	Lead, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-20	UA	E008	Lithium, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	-0.00314	0.04	Standard	No Exceedance
MW-20	UA	E008	Mercury, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20	UA	E008	Molybdenum, total	mg/L	02/26/21 - 02/24/25	17	6	CB around T-S line	-0.00591	0.1	Standard	No Exceedance
MW-20	UA	E008	pH (field)	SU	02/26/21 - 02/24/25	17	0	CI around mean	6.8/7.0	5.6/9.0	Background/Standard	No Exceedance
MW-20	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 02/24/25	17	0	CB around T-S line	0.482	5	Standard	No Exceedance
MW-20	UA	E008	Selenium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20	UA	E008	Sulfate, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	149	400	Standard	No Exceedance
MW-20	UA	E008	Thallium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20	UA	E008	Total Dissolved Solids	mg/L	02/26/21 - 02/24/25	16	0	CB around linear reg	685	1,200	Standard	No Exceedance
MW-20S	USCU	E008	Antimony, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E008	Arsenic, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.001	0.010	Standard	No Exceedance
MW-20S	USCU	E008	Barium, total	mg/L	02/26/21 - 02/24/25	17	6	CI around median	0.0346	2.0	Standard	No Exceedance
MW-20S	USCU	E008	Beryllium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-20S	USCU	E008	Boron, total	mg/L	02/26/21 - 02/24/25	17	0	CB around T-S line	1.79	2	Standard	No Exceedance
MW-20S	USCU	E008	Cadmium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-20S	USCU	E008	Chloride, total	mg/L	02/26/21 - 02/24/25	17	0	CI around mean	17.7	200	Standard	No Exceedance
MW-20S	USCU	E008	Chromium, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.0015	0.1	Standard	No Exceedance
MW-20S	USCU	E008	Cobalt, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E008	Fluoride, total	mg/L	02/26/21 - 02/24/25	17	18	CB around linear reg	0.238	4.0	Standard	No Exceedance
MW-20S	USCU	E008	Lead, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-20S	USCU	E008	Lithium, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.003	0.04	Standard	No Exceedance
MW-20S	USCU	E008	Mercury, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20S	USCU	E008	Molybdenum, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-20S	USCU	E008	pH (field)	SU	02/26/21 - 02/24/25	17	0	CI around mean	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-20S	USCU	E008	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 02/24/25	17	0	CI around mean	0.201	5	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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-20S	USCU	E008	Selenium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20S	USCU	E008	Sulfate, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	312	400	Standard	No Exceedance
MW-20S	USCU	E008	Thallium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20S	USCU	E008	Total Dissolved Solids	mg/L	02/26/21 - 02/24/25	16	0	CB around linear reg	957	1,200	Standard	No Exceedance
MW-23	UA	E008	Antimony, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-23	UA	E008	Arsenic, total	mg/L	02/26/21 - 02/24/25	17	35	CB around T-S line	0.00108	0.010	Standard	No Exceedance
MW-23	UA	E008	Barium, total	mg/L	02/26/21 - 02/24/25	17	0	CI around median	0.0928	2.0	Standard	No Exceedance
MW-23	UA	E008	Beryllium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-23	UA	E008	Boron, total	mg/L	02/26/21 - 02/24/25	17	0	CI around median	1.98	2	Standard	No Exceedance
MW-23	UA	E008	Cadmium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-23	UA	E008	Chloride, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	22.5	200	Standard	No Exceedance
MW-23	UA	E008	Chromium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E008	Cobalt, total	mg/L	02/26/21 - 02/24/25	17	35	CI around median	0.001	0.006	Standard	No Exceedance
MW-23	UA	E008	Fluoride, total	mg/L	02/26/21 - 02/24/25	17	18	CI around median	0.34	4.0	Standard	No Exceedance
MW-23	UA	E008	Lead, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-23	UA	E008	Lithium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-23	UA	E008	Mercury, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-23	UA	E008	Molybdenum, total	mg/L	02/26/21 - 02/24/25	17	88	CI around median	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E008	pH (field)	SU	02/26/21 - 02/24/25	17	0	CI around mean	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-23	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 02/24/25	17	0	CI around mean	0.259	5	Standard	No Exceedance
MW-23	UA	E008	Selenium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-23	UA	E008	Sulfate, total	mg/L	02/26/21 - 02/24/25	17	0	CI around mean	41.9	400	Standard	No Exceedance
MW-23	UA	E008	Thallium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-23	UA	E008	Total Dissolved Solids	mg/L	02/26/21 - 02/24/25	16	0	CI around mean	589	1,200	Standard	No Exceedance
MW-27	USCU	E008	Antimony, total	mg/L	02/24/21 - 02/25/25	13	85	CI around median	0.001	0.006	Standard	No Exceedance
MW-27	USCU	E008	Arsenic, total	mg/L	02/24/21 - 02/25/25	13	0	CI around geomean	0.00324	0.010	Standard	No Exceedance
MW-27	USCU	E008	Barium, total	mg/L	02/24/21 - 02/25/25	13	0	CI around geomean	0.0852	2.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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-27	USCU	E008	Beryllium, total	mg/L	02/24/21 - 02/25/25	13	77	CI around median	0.001	0.004	Standard	No Exceedance
MW-27	USCU	E008	Boron, total	mg/L	02/24/21 - 02/25/25	13	0	CI around mean	0.973	2	Standard	No Exceedance
MW-27	USCU	E008	Cadmium, total	mg/L	02/24/21 - 02/25/25	13	92	CI around median	0.001	0.005	Standard	No Exceedance
MW-27	USCU	E008	Chloride, total	mg/L	02/24/21 - 02/25/25	13	0	CI around mean	13.2	200	Standard	No Exceedance
MW-27	USCU	E008	Chromium, total	mg/L	02/24/21 - 02/25/25	13	15	CI around geomean	0.0036	0.1	Standard	No Exceedance
MW-27	USCU	E008	Cobalt, total	mg/L	02/24/21 - 02/25/25	13	0	CI around geomean	0.00225	0.006	Standard	No Exceedance
MW-27	USCU	E008	Fluoride, total	mg/L	02/24/21 - 02/25/25	13	15	CI around geomean	0.176	4.0	Standard	No Exceedance
MW-27	USCU	E008	Lead, total	mg/L	02/24/21 - 02/25/25	13	15	CI around geomean	0.00171	0.0075	Standard	No Exceedance
MW-27	USCU	E008	Lithium, total	mg/L	02/24/21 - 02/25/25	13	31	CI around median	0.003	0.04	Standard	No Exceedance
MW-27	USCU	E008	Mercury, total	mg/L	02/24/21 - 02/25/25	13	85	CI around median	0.0002	0.002	Standard	No Exceedance
MW-27	USCU	E008	Molybdenum, total	mg/L	02/24/21 - 02/25/25	13	23	CI around geomean	0.00214	0.1	Standard	No Exceedance
MW-27	USCU	E008	pH (field)	SU	02/24/21 - 02/25/25	14	0	CI around mean	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-27	USCU	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 02/25/25	13	0	CI around geomean	0.374	5	Standard	No Exceedance
MW-27	USCU	E008	Selenium, total	mg/L	02/24/21 - 02/25/25	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-27	USCU	E008	Sulfate, total	mg/L	02/24/21 - 02/25/25	13	0	CB around linear reg	300	400	Standard	No Exceedance
MW-27	USCU	E008	Thallium, total	mg/L	02/24/21 - 02/25/25	13	92	CI around median	0.002	0.002	Standard	No Exceedance
MW-27	USCU	E008	Total Dissolved Solids	mg/L	02/24/21 - 02/25/25	12	0	CI around median	885	1,200	Standard	No Exceedance
MW-28	UA	E008	Antimony, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-28	UA	E008	Arsenic, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-28	UA	E008	Barium, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	0.0233	2.0	Standard	No Exceedance
MW-28	UA	E008	Beryllium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-28	UA	E008	Boron, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	8.41	2	Standard	Exceedance
MW-28	UA	E008	Cadmium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-28	UA	E008	Chloride, total	mg/L	02/24/21 - 02/24/25	17	0	CI around median	12	200	Standard	No Exceedance
MW-28	UA	E008	Chromium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-28	UA	E008	Cobalt, total	mg/L	02/24/21 - 02/24/25	17	88	CI around median	0.001	0.006	Standard	No Exceedance
MW-28	UA	E008	Fluoride, total	mg/L	02/24/21 - 02/24/25	17	18	CI around median	0.13	4.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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-28	UA	E008	Lead, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-28	UA	E008	Lithium, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	0.00608	0.04	Standard	No Exceedance
MW-28	UA	E008	Mercury, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-28	UA	E008	Molybdenum, total	mg/L	02/24/21 - 02/24/25	17	94	CI around median	0.0015	0.1	Standard	No Exceedance
MW-28	UA	E008	pH (field)	SU	02/24/21 - 02/24/25	17	0	CI around mean	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-28	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 02/24/25	17	0	CB around linear reg	0.236	5	Standard	No Exceedance
MW-28	UA	E008	Selenium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-28	UA	E008	Sulfate, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	831	400	Standard	Exceedance
MW-28	UA	E008	Thallium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-28	UA	E008	Total Dissolved Solids	mg/L	02/24/21 - 02/24/25	16	0	CI around mean	1,670	1,200	Standard	Exceedance
MW-30	UA	E008	Antimony, total	mg/L	02/25/21 - 02/24/25	17	94	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-30	UA	E008	Arsenic, total	mg/L	02/25/21 - 02/24/25	17	6	CB around linear reg	0.00934	0.010	Standard	No Exceedance
MW-30	UA	E008	Barium, total	mg/L	02/25/21 - 02/24/25	17	0	CI around geomean	0.155	2.0	Standard	No Exceedance
MW-30	UA	E008	Beryllium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-30	UA	E008	Boron, total	mg/L	02/25/21 - 02/24/25	17	0	CI around geomean	1.07	2	Standard	No Exceedance
MW-30	UA	E008	Cadmium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-30	UA	E008	Chloride, total	mg/L	02/25/21 - 02/24/25	17	0	CB around linear reg	34	200	Standard	No Exceedance
MW-30	UA	E008	Chromium, total	mg/L	02/25/21 - 02/24/25	17	82	CI around median	0.0015	0.1	Standard	No Exceedance
MW-30	UA	E008	Cobalt, total	mg/L	02/25/21 - 02/24/25	17	0	CI around mean	0.00207	0.006	Standard	No Exceedance
MW-30	UA	E008	Fluoride, total	mg/L	02/25/21 - 02/24/25	17	18	CB around linear reg	0.399	4.0	Standard	No Exceedance
MW-30	UA	E008	Lead, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-30	UA	E008	Lithium, total	mg/L	02/25/21 - 02/24/25	17	88	CB around T-S line	0.000587	0.04	Standard	No Exceedance
MW-30	UA	E008	Mercury, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-30	UA	E008	Molybdenum, total	mg/L	02/25/21 - 02/24/25	17	35	CI around median	0.0015	0.1	Standard	No Exceedance
MW-30	UA	E008	pH (field)	SU	02/25/21 - 02/24/25	17	0	CB around linear reg	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-30	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 02/24/25	17	0	CI around geomean	0.589	5	Standard	No Exceedance
MW-30	UA	E008	Selenium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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-30	UA	E008	Sulfate, total	mg/L	02/25/21 - 02/24/25	17	53	CB around T-S line	-161	400	Standard	No Exceedance
MW-30	UA	E008	Thallium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-30	UA	E008	Total Dissolved Solids	mg/L	02/25/21 - 02/24/25	16	0	CB around T-S line	521	1,200	Standard	No Exceedance
MW-31	UA	E008	Antimony, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-31	UA	E008	Arsenic, total	mg/L	02/24/21 - 02/24/25	17	6	CI around geomean	0.00257	0.010	Standard	No Exceedance
MW-31	UA	E008	Barium, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	0.213	2.0	Standard	No Exceedance
MW-31	UA	E008	Beryllium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-31	UA	E008	Boron, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	0.227	2	Standard	No Exceedance
MW-31	UA	E008	Cadmium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-31	UA	E008	Chloride, total	mg/L	02/24/21 - 02/24/25	17	0	CB around linear reg	36.9	200	Standard	No Exceedance
MW-31	UA	E008	Chromium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-31	UA	E008	Cobalt, total	mg/L	02/24/21 - 02/24/25	17	71	CI around median	0.001	0.006	Standard	No Exceedance
MW-31	UA	E008	Fluoride, total	mg/L	02/24/21 - 02/24/25	17	18	CI around median	0.17	4.0	Standard	No Exceedance
MW-31	UA	E008	Lead, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-31	UA	E008	Lithium, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	0.00454	0.04	Standard	No Exceedance
MW-31	UA	E008	Mercury, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31	UA	E008	Molybdenum, total	mg/L	02/24/21 - 02/24/25	17	65	CB around T-S line	-0.000247	0.1	Standard	No Exceedance
MW-31	UA	E008	pH (field)	SU	02/24/21 - 02/24/25	17	0	CI around mean	6.5/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-31	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 02/24/25	17	0	CI around mean	0.593	5	Standard	No Exceedance
MW-31	UA	E008	Selenium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31	UA	E008	Sulfate, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	10	400	Standard	No Exceedance
MW-31	UA	E008	Thallium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-31	UA	E008	Total Dissolved Solids	mg/L	02/24/21 - 02/24/25	16	0	CI around mean	573	1,200	Standard	No Exceedance
MW-31S	USCU	E008	Antimony, total	mg/L	02/24/21 - 02/24/25	16	88	CI around median	0.001	0.006	Standard	No Exceedance
MW-31S	USCU	E008	Arsenic, total	mg/L	02/24/21 - 02/24/25	16	0	CI around mean	0.00773	0.010	Standard	No Exceedance
MW-31S	USCU	E008	Barium, total	mg/L	02/24/21 - 02/24/25	16	0	CI around geomean	0.219	2.0	Standard	No Exceedance
MW-31S	USCU	E008	Beryllium, total	mg/L	02/24/21 - 02/24/25	16	94	CI around median	0.001	0.004	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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-31S	USCU	E008	Boron, total	mg/L	02/24/21 - 02/24/25	16	6	CI around geomean	0.0361	2	Standard	No Exceedance
MW-31S	USCU	E008	Cadmium, total	mg/L	02/24/21 - 02/24/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-31S	USCU	E008	Chloride, total	mg/L	02/24/21 - 02/24/25	15	0	CI around geomean	13	200	Standard	No Exceedance
MW-31S	USCU	E008	Chromium, total	mg/L	02/24/21 - 02/24/25	16	62	CI around median	0.0015	0.1	Standard	No Exceedance
MW-31S	USCU	E008	Cobalt, total	mg/L	02/24/21 - 02/24/25	16	0	CI around geomean	0.00245	0.006	Standard	No Exceedance
MW-31S	USCU	E008	Fluoride, total	mg/L	02/24/21 - 02/24/25	15	20	CB around linear reg	0.325	4.0	Standard	No Exceedance
MW-31S	USCU	E008	Lead, total	mg/L	02/24/21 - 02/24/25	16	50	CI around median	0.001	0.0075	Standard	No Exceedance
MW-31S	USCU	E008	Lithium, total	mg/L	02/24/21 - 02/24/25	16	62	CI around median	0.003	0.04	Standard	No Exceedance
MW-31S	USCU	E008	Mercury, total	mg/L	02/24/21 - 02/24/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31S	USCU	E008	Molybdenum, total	mg/L	02/24/21 - 02/24/25	16	50	CB around linear reg	-0.000561	0.1	Standard	No Exceedance
MW-31S	USCU	E008	pH (field)	SU	02/24/21 - 02/24/25	17	0	CI around mean	6.5/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-31S	USCU	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 02/24/25	15	0	CI around mean	0.864	5	Standard	No Exceedance
MW-31S	USCU	E008	Selenium, total	mg/L	02/24/21 - 02/24/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31S	USCU	E008	Sulfate, total	mg/L	02/24/21 - 02/24/25	15	33	CB around linear reg	-71.3	400	Standard	No Exceedance
MW-31S	USCU	E008	Thallium, total	mg/L	02/24/21 - 02/24/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-31S	USCU	E008	Total Dissolved Solids	mg/L	02/24/21 - 02/24/25	14	0	CI around mean	724	1,200	Standard	No Exceedance
MW-32	UA	E008	Antimony, total	mg/L	02/25/21 - 02/24/25	17	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-32	UA	E008	Arsenic, total	mg/L	02/25/21 - 02/24/25	17	94	CI around median	0.001	0.010	Standard	No Exceedance
MW-32	UA	E008	Barium, total	mg/L	02/25/21 - 02/24/25	17	0	CB around linear reg	0.0245	2.0	Standard	No Exceedance
MW-32	UA	E008	Beryllium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-32	UA	E008	Boron, total	mg/L	02/25/21 - 02/24/25	17	0	CI around mean	1.54	2	Standard	No Exceedance
MW-32	UA	E008	Cadmium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-32	UA	E008	Chloride, total	mg/L	02/25/21 - 02/24/25	17	0	CB around linear reg	8.69	200	Standard	No Exceedance
MW-32	UA	E008	Chromium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-32	UA	E008	Cobalt, total	mg/L	02/25/21 - 02/24/25	17	82	CI around median	0.001	0.006	Standard	No Exceedance
MW-32	UA	E008	Fluoride, total	mg/L	02/25/21 - 02/24/25	17	18	CI around median	0.17	4.0	Standard	No Exceedance
MW-32	UA	E008	Lead, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.0075	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Lithium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-32	UA	E008	Mercury, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-32	UA	E008	Molybdenum, total	mg/L	02/25/21 - 02/24/25	17	94	CI around median	0.0015	0.1	Standard	No Exceedance
MW-32	UA	E008	pH (field)	SU	02/25/21 - 02/24/25	17	0	CI around mean	6.3/6.5	5.6/9.0	Background/Standard	No Exceedance
MW-32	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 02/24/25	17	0	CI around median	0.149	5	Standard	No Exceedance
MW-32	UA	E008	Selenium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-32	UA	E008	Sulfate, total	mg/L	02/25/21 - 02/24/25	17	0	CB around linear reg	288	400	Standard	No Exceedance
MW-32	UA	E008	Thallium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-32	UA	E008	Total Dissolved Solids	mg/L	02/25/21 - 02/24/25	16	0	CB around linear reg	970	1,200	Standard	No Exceedance
PZ-4C	UA	E008	Antimony, total	mg/L	02/25/21 - 02/24/25	16	88	CI around median	0.001	0.006	Standard	No Exceedance
PZ-4C	UA	E008	Arsenic, total	mg/L	02/25/21 - 02/24/25	16	31	CI around median	0.001	0.010	Standard	No Exceedance
PZ-4C	UA	E008	Barium, total	mg/L	02/25/21 - 02/24/25	16	0	CI around median	0.251	2.0	Standard	No Exceedance
PZ-4C	UA	E008	Beryllium, total	mg/L	02/25/21 - 02/24/25	16	94	CI around median	0.001	0.004	Standard	No Exceedance
PZ-4C	UA	E008	Boron, total	mg/L	02/25/21 - 02/24/25	16	0	CI around mean	1.41	2	Standard	No Exceedance
PZ-4C	UA	E008	Cadmium, total	mg/L	02/25/21 - 02/24/25	16	94	CI around median	0.001	0.005	Standard	No Exceedance
PZ-4C	UA	E008	Chloride, total	mg/L	02/25/21 - 02/24/25	16	0	CB around linear reg	29.6	200	Standard	No Exceedance
PZ-4C	UA	E008	Chromium, total	mg/L	02/25/21 - 02/24/25	16	38	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-4C	UA	E008	Cobalt, total	mg/L	02/25/21 - 02/24/25	16	75	CI around median	0.001	0.006	Standard	No Exceedance
PZ-4C	UA	E008	Fluoride, total	mg/L	02/25/21 - 02/24/25	16	19	CI around mean	0.355	4.0	Standard	No Exceedance
PZ-4C	UA	E008	Lead, total	mg/L	02/25/21 - 02/24/25	16	56	CI around median	0.001	0.0075	Standard	No Exceedance
PZ-4C	UA	E008	Lithium, total	mg/L	02/25/21 - 02/24/25	16	0	CI around median	0.007	0.04	Standard	No Exceedance
PZ-4C	UA	E008	Mercury, total	mg/L	02/25/21 - 02/24/25	16	94	CI around median	0.0002	0.002	Standard	No Exceedance
PZ-4C	UA	E008	Molybdenum, total	mg/L	02/25/21 - 02/24/25	16	81	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-4C	UA	E008	pH (field)	SU	02/25/21 - 02/24/25	16	0	CI around mean	6.7/7.0	5.6/9.0	Background/Standard	No Exceedance
PZ-4C	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 02/24/25	16	0	CI around geomean	0.648	5	Standard	No Exceedance
PZ-4C	UA	E008	Selenium, total	mg/L	02/25/21 - 02/24/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
PZ-4C	UA	E008	Sulfate, total	mg/L	02/25/21 - 02/24/25	16	0	CI around mean	63.1	400	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Thallium, total	mg/L	02/25/21 - 02/24/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
PZ-4C	UA	E008	Total Dissolved Solids	mg/L	02/25/21 - 02/24/25	15	0	CI around mean	550	1,200	Standard	No Exceedance

Notes:
Compliance Result:
No Exceedance: the statistical result did not exceed the GWPS.
Exceedance: The statistical result exceeded the GWPS.

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) 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:
NA
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

ASH POND
KINCAID POWER PLANT
KINCAID, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 1, 2025**

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 1, 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	02/24/2025	15.85	589.08
MW-2	Background	02/24/2025	7.37	593.78
MW-3	Compliance	02/24/2025	8.60	592.89
MW-5	Compliance	02/24/2025	25.71	593.81
MW-6	Compliance	02/24/2025	9.28	591.13
MW-7	Compliance	02/24/2025	9.31	588.37
MW-7S	Compliance	02/24/2025	10.45	587.10
MW-8	Compliance	02/24/2025	9.23	593.99
MW-8S	Compliance	02/24/2025	9.53	593.88
MW-11	Compliance	02/24/2025	11.68	590.24
MW-12	Compliance	02/24/2025	6.62	584.86
MW-20	Compliance	02/24/2025	6.09	594.77
MW-20S	Compliance	02/24/2025	6.24	594.59
MW-23	Compliance	02/24/2025	15.78	594.65
MW-27	Compliance	02/24/2025	14.09	585.89
MW-28	Compliance	02/24/2025	6.57	594.92
MW-30	Compliance	02/24/2025	24.17	594.39
MW-31	Compliance	02/24/2025	29.74	587.73
MW-31S	Compliance	02/24/2025	20.94	596.69
MW-32	Compliance	02/24/2025	22.69	596.84
PZ-4C	Compliance	02/24/2025	6.58	594.22
XSG-01	Water Level	02/24/2025	4.06	604.27
SG-02	Water Level	02/24/2025	19.84	584.64

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 1, 2025**

March 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-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: KIN-25Q1

WorkOrder: 25020672

Dear Eric Bauer:

TEKLAB, INC received 31 samples for KIN_845_141 on 2/25/2025 1:25:00 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: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-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	40
Quality Control Results	41
Receiving Check List	74
Chain of Custody	Appended

Definitions

<http://www.teklabinc.com/>**Client:** Ramboll**Work Order:** 25020672**Client Project:** KIN-25Q1**Report Date:** 19-Mar-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: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-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: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

Cooler Receipt Temp: 7.5 °C

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

MW-08S was dry.

SG-03 and XSG-01 date/time of measurement per field file.

Equipment Blanks were not required.

Per Eric Bauer's request, only KIN_845_141 data is included in this report. EAH 3/19/25

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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Email EHurley@teklabinc.com

Springfield

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Springfield, IL 62711-9415
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Fax (217) 698-1005
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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: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-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	4/30/2025	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		3/14/2025	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			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-001
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-01
Collection Date: 02/24/2025 13:55

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	02/24/2025 13:55	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	02/24/2025 13:55	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		69	mV	1	02/24/2025 13:55	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		407	µS/cm	1	02/24/2025 13:55	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.9	°C	1	02/24/2025 13:55	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.61	mg/L	1	02/24/2025 13:55	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.44		1	02/24/2025 13:55	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		164	mg/L	1	02/25/2025 11:55	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 11:55	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		328	mg/L	1	02/25/2025 15:07	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.23	mg/L	10	02/27/2025 13:06	R361017
Chloride	NELAP	1.00	5.00		14.4	mg/L	10	02/27/2025 13:06	R361017
Sulfate	NELAP	0.99	10.0		80.7	mg/L	10	02/27/2025 13:06	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		58.1	mg/L	1	02/26/2025 17:21	235199
Magnesium	NELAP	0.0055	0.0500		27.6	mg/L	1	02/26/2025 17:21	235199
Potassium	NELAP	0.0400	0.100		0.246	mg/L	1	02/26/2025 17:21	235199
Sodium	NELAP	0.0180	0.0500	B	16.4	mg/L	1	02/26/2025 17:21	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 8:45	235199
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 8:45	235199
Barium	NELAP	0.0007	0.0010		0.0507	mg/L	5	02/26/2025 8:45	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 8:45	235199
Boron	NELAP	0.0092	0.0250		0.271	mg/L	5	02/26/2025 8:45	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 8:45	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 8:45	235199
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	02/26/2025 8:45	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 8:45	235199
Lithium	*	0.0015	0.0030	J	0.0021	mg/L	5	02/26/2025 8:45	235199
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/26/2025 8:45	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 8:45	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 8:45	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 9:51	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-002
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-02
Collection Date: 02/24/2025 10:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.31	ft	1	02/24/2025 10:22	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		17	NTU	1	02/24/2025 10:22	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		2	mV	1	02/24/2025 10:22	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		593	µS/cm	1	02/24/2025 10:22	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		11.8	°C	1	02/24/2025 10:22	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.51	mg/L	1	02/24/2025 10:22	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		7.15		1	02/24/2025 10:22	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		249	mg/L	1	02/25/2025 12:04	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 12:04	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		506	mg/L	1	02/25/2025 15:07	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.45	mg/L	10	02/27/2025 13:17	R361017
Chloride	NELAP	1.00	5.00		14.6	mg/L	10	02/27/2025 13:17	R361017
Sulfate	NELAP	0.99	10.0		139	mg/L	10	02/27/2025 13:17	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		101	mg/L	1	02/26/2025 17:23	235199
Magnesium	NELAP	0.0055	0.0500		36.3	mg/L	1	02/26/2025 17:23	235199
Potassium	NELAP	0.0400	0.100		1.42	mg/L	1	02/26/2025 17:23	235199
Sodium	NELAP	0.0180	0.0500	B	26.9	mg/L	1	02/26/2025 17:23	235199
Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 8:51	235199
Arsenic	NELAP	0.0004	0.0010		0.0018	mg/L	5	02/26/2025 8:51	235199
Barium	NELAP	0.0007	0.0010		0.106	mg/L	5	02/26/2025 8:51	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 8:51	235199
Boron	NELAP	0.0092	0.0250		0.0506	mg/L	5	02/26/2025 8:51	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 8:51	235199
Chromium	NELAP	0.0007	0.0015		0.0020	mg/L	5	02/26/2025 8:51	235199
Cobalt	NELAP	0.0001	0.0010	J	0.0007	mg/L	5	02/26/2025 8:51	235199
Lead	NELAP	0.0006	0.0010	J	0.0010	mg/L	5	02/26/2025 8:51	235199
Lithium	*	0.0015	0.0030		0.0054	mg/L	5	02/26/2025 8:51	235199
Molybdenum	NELAP	0.0006	0.0015		0.0037	mg/L	5	02/26/2025 8:51	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 8:51	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 8:51	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 9:58	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-003
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-03
Collection Date: 02/24/2025 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.55	ft	1	02/24/2025 12:42	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		25	NTU	1	02/24/2025 12:42	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		39	mV	1	02/24/2025 12:42	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		724	µS/cm	1	02/24/2025 12:42	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.0	°C	1	02/24/2025 12:42	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.88	mg/L	1	02/24/2025 12:42	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.74		1	02/24/2025 12:42	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		346	mg/L	1	02/25/2025 12:10	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 12:10	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		582	mg/L	1	02/25/2025 15:07	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.24	mg/L	10	02/27/2025 13:29	R361017
Chloride	NELAP	1.00	5.00		27.3	mg/L	10	02/27/2025 13:29	R361017
Sulfate	NELAP	0.99	10.0		127	mg/L	10	02/27/2025 13:29	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		98.4	mg/L	1	02/26/2025 17:25	235199
Magnesium	NELAP	0.0055	0.0500		50.5	mg/L	1	02/26/2025 17:25	235199
Potassium	NELAP	0.0400	0.100		0.397	mg/L	1	02/26/2025 17:25	235199
Sodium	NELAP	0.0180	0.0500	B	44.4	mg/L	1	02/26/2025 17:25	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 8:58	235199
Arsenic	NELAP	0.0004	0.0010	J	0.0007	mg/L	5	02/26/2025 8:58	235199
Barium	NELAP	0.0007	0.0010		0.0498	mg/L	5	02/26/2025 8:58	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 8:58	235199
Boron	NELAP	0.0092	0.0250		1.57	mg/L	5	02/26/2025 8:58	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 8:58	235199
Chromium	NELAP	0.0007	0.0015	J	0.0013	mg/L	5	02/26/2025 8:58	235199
Cobalt	NELAP	0.0001	0.0010		0.0040	mg/L	5	02/26/2025 8:58	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 8:58	235199
Lithium	*	0.0015	0.0030	J	0.0018	mg/L	5	02/26/2025 8:58	235199
Molybdenum	NELAP	0.0006	0.0015	J	0.0006	mg/L	5	02/26/2025 8:58	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 8:58	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 8:58	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:00	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-005
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-05
Collection Date: 02/24/2025 13:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		25.71	ft	1	02/24/2025 13:53	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		6.5	NTU	1	02/24/2025 13:53	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-13	mV	1	02/24/2025 13:53	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1040	µS/cm	1	02/24/2025 13:53	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.6	°C	1	02/24/2025 13:53	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.54	mg/L	1	02/24/2025 13:53	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.56		1	02/24/2025 13:53	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		719	mg/L	1	02/25/2025 12:23	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 12:23	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		776	mg/L	1	02/25/2025 15:08	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.14	mg/L	10	02/27/2025 14:16	R361017
Chloride	NELAP	1.00	5.00		40.5	mg/L	10	02/27/2025 14:16	R361017
Sulfate	NELAP	0.99	10.0		10.2	mg/L	10	02/27/2025 14:16	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		174	mg/L	1	02/26/2025 17:38	235199
Magnesium	NELAP	0.0055	0.0500		89.0	mg/L	1	02/26/2025 17:38	235199
Potassium	NELAP	0.0400	0.100		0.646	mg/L	1	02/26/2025 17:38	235199
Sodium	NELAP	0.0180	0.0500	B	29.1	mg/L	1	02/26/2025 17:38	235199
Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 9:04	235199
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	02/26/2025 9:04	235199
Barium	NELAP	0.0007	0.0010		0.189	mg/L	5	02/26/2025 9:04	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 9:04	235199
Boron	NELAP	0.0092	0.0250		0.617	mg/L	5	02/26/2025 9:04	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 9:04	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 9:04	235199
Cobalt	NELAP	0.0001	0.0010	J	0.0008	mg/L	5	02/26/2025 9:04	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 9:04	235199
Lithium	*	0.0015	0.0030	J	0.0027	mg/L	5	02/26/2025 9:04	235199
Molybdenum	NELAP	0.0006	0.0015	J	0.0008	mg/L	5	02/26/2025 9:04	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 9:04	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 9:04	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:05	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-006
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-06
Collection Date: 02/24/2025 12:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.29	ft	1	02/24/2025 12:43	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		12	NTU	1	02/24/2025 12:43	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		90	mV	1	02/24/2025 12:43	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		569	µS/cm	1	02/24/2025 12:43	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.3	°C	1	02/24/2025 12:43	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		6.51	mg/L	1	02/24/2025 12:43	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.46		1	02/24/2025 12:43	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		262	mg/L	1	02/25/2025 12:30	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 12:30	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		464	mg/L	1	02/25/2025 15:08	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.20	mg/L	10	02/27/2025 14:27	R361017
Chloride	NELAP	1.0	5.0	J	2.0	mg/L	10	02/27/2025 14:27	R361017
Sulfate	NELAP	0.99	10.0		129	mg/L	10	02/27/2025 14:27	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		93.1	mg/L	1	02/26/2025 17:40	235199
Magnesium	NELAP	0.0055	0.0500		40.0	mg/L	1	02/26/2025 17:40	235199
Potassium	NELAP	0.0400	0.100		0.344	mg/L	1	02/26/2025 17:40	235199
Sodium	NELAP	0.0180	0.0500	B	23.3	mg/L	1	02/26/2025 17:40	235199
Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 9:10	235199
Arsenic	NELAP	0.0004	0.0010	J	0.0004	mg/L	5	02/26/2025 9:10	235199
Barium	NELAP	0.0007	0.0010		0.0354	mg/L	5	02/26/2025 9:10	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 9:10	235199
Boron	NELAP	0.0092	0.0250		0.922	mg/L	5	02/26/2025 9:10	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 9:10	235199
Chromium	NELAP	0.0007	0.0015		0.0027	mg/L	5	02/26/2025 9:10	235199
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	02/26/2025 9:10	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 9:10	235199
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	02/26/2025 9:10	235199
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/26/2025 9:10	235199
Selenium	NELAP	0.0006	0.0010		0.0013	mg/L	5	02/26/2025 9:10	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 9:10	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:11	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-007
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-07
Collection Date: 02/24/2025 13:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.28	ft	1	02/24/2025 13:20	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		35	NTU	1	02/24/2025 13:20	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-16	mV	1	02/24/2025 13:20	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		762	µS/cm	1	02/24/2025 13:20	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		11.0	°C	1	02/24/2025 13:20	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.32	mg/L	1	02/24/2025 13:20	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.97		1	02/24/2025 13:20	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		344	mg/L	1	02/25/2025 12:35	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 12:35	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		736	mg/L	1	02/25/2025 15:09	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.27	mg/L	10	02/27/2025 15:37	R361017
Chloride	NELAP	1.0	5.0	J	1.3	mg/L	10	02/27/2025 15:37	R361017
Sulfate	NELAP	0.99	10.0		240	mg/L	10	02/27/2025 15:37	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		143	mg/L	1	02/26/2025 17:41	235199
Magnesium	NELAP	0.0055	0.0500		59.7	mg/L	1	02/26/2025 17:41	235199
Potassium	NELAP	0.0400	0.100		0.997	mg/L	1	02/26/2025 17:41	235199
Sodium	NELAP	0.0180	0.0500	B	15.7	mg/L	1	02/26/2025 17:41	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 10:01	235199
Arsenic	NELAP	0.0004	0.0010		0.0021	mg/L	5	02/26/2025 10:01	235199
Barium	NELAP	0.0007	0.0010		0.0471	mg/L	5	02/26/2025 10:01	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:01	235199
Boron	NELAP	0.0092	0.0250		0.204	mg/L	5	02/26/2025 10:01	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:01	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 10:01	235199
Cobalt	NELAP	0.0001	0.0010		0.0017	mg/L	5	02/26/2025 10:01	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:01	235199
Lithium	*	0.0015	0.0030	J	0.0026	mg/L	5	02/28/2025 13:15	235199
Molybdenum	NELAP	0.0006	0.0015		0.0017	mg/L	5	02/27/2025 12:54	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:01	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 10:01	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:14	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-008
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-07S
Collection Date: 02/24/2025 14:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.16	ft	1	02/24/2025 14:25	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.2	NTU	1	02/24/2025 14:25	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-62	mV	1	02/24/2025 14:25	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2160	µS/cm	1	02/24/2025 14:25	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.1	°C	1	02/24/2025 14:25	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.13	mg/L	1	02/24/2025 14:25	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.83		1	02/24/2025 14:25	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		432	mg/L	1	02/25/2025 12:42	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 12:42	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1140	mg/L	1	02/25/2025 15:09	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.32	mg/L	10	02/27/2025 15:49	R361017
Chloride	NELAP	1.00	5.00		6.30	mg/L	10	02/27/2025 15:49	R361017
Sulfate	NELAP	0.99	10.0		472	mg/L	10	02/27/2025 15:49	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		181	mg/L	1	02/26/2025 17:43	235199
Magnesium	NELAP	0.0055	0.0500		71.4	mg/L	1	02/26/2025 17:43	235199
Potassium	NELAP	0.0400	0.100		2.25	mg/L	1	02/26/2025 17:43	235199
Sodium	NELAP	0.0180	0.0500	B	92.3	mg/L	1	02/26/2025 17:43	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 10:07	235199
Arsenic	NELAP	0.0004	0.0010		0.0126	mg/L	5	02/26/2025 10:07	235199
Barium	NELAP	0.0007	0.0010		0.0513	mg/L	5	02/26/2025 10:07	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:07	235199
Boron	NELAP	0.0092	0.0250		5.75	mg/L	5	02/26/2025 10:07	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:07	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 10:07	235199
Cobalt	NELAP	0.0001	0.0010		0.0014	mg/L	5	02/26/2025 10:07	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:07	235199
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	02/28/2025 13:21	235199
Molybdenum	NELAP	0.0006	0.0015	J	0.0012	mg/L	5	02/27/2025 13:00	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:07	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 10:07	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:16	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

Lab ID: 25020672-009

Client Sample ID: MW-08

Matrix: GROUNDWATER

Collection Date: 02/25/2025 10:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.26	ft	1	02/25/2025 10:25	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.2	NTU	1	02/25/2025 10:25	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		120	mV	1	02/25/2025 10:25	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		919	µS/cm	1	02/25/2025 10:25	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.4	°C	1	02/25/2025 10:25	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.87	mg/L	1	02/25/2025 10:25	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.48		1	02/25/2025 10:25	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		444	mg/L	1	02/26/2025 8:53	R360848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/26/2025 8:53	R360848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		814	mg/L	1	02/26/2025 14:31	R360915
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.17	mg/L	10	03/02/2025 6:49	R361041
Chloride	NELAP	1.00	5.00		17.7	mg/L	10	03/02/2025 6:49	R361041
Sulfate	NELAP	0.99	10.0		212	mg/L	10	03/02/2025 6:49	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	133	mg/L	1	02/26/2025 16:16	235221
Magnesium	NELAP	0.0055	0.0500		61.3	mg/L	1	02/26/2025 16:16	235221
Potassium	NELAP	0.0400	0.100		0.524	mg/L	1	02/26/2025 16:16	235221
Sodium	NELAP	0.0180	0.0500		26.2	mg/L	1	02/28/2025 11:58	235221
<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	02/26/2025 15:21	235221
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/27/2025 16:40	235221
Barium	NELAP	0.0007	0.0010		0.0216	mg/L	5	02/26/2025 15:21	235221
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 16:48	235221
Boron	NELAP	0.185	0.500		1.06	mg/L	100	02/27/2025 23:49	235221
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/27/2025 16:40	235221
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/28/2025 16:48	235221
Cobalt	NELAP	0.0001	0.0010	J	0.0008	mg/L	5	02/28/2025 16:48	235221
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/27/2025 16:40	235221
Lithium	*	0.0015	0.0030	J	0.0025	mg/L	5	02/28/2025 16:48	235221
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/27/2025 16:40	235221
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 15:21	235221
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 15:21	235221
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/27/2025 10:43	235255



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

Lab ID: 25020672-010

Client Sample ID: MW-08S

Matrix: GROUNDWATER

Collection Date: 02/25/2025 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.54	ft	1	02/25/2025 0:00	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0	Dry; no sample		NTU	1	02/25/2025 0:00	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000	Dry; no sample		mV	1	02/25/2025 0:00	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0	Dry; no sample		µS/cm	1	02/25/2025 0:00	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0	Dry; no sample		°C	1	02/25/2025 0:00	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0	Dry; no sample		mg/L	1	02/25/2025 0:00	R361089
SW-846 9040B FIELD									
pH	*	0	1.00	Dry; no sample			1	02/25/2025 0:00	R361089



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-013
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-11
Collection Date: 02/24/2025 11:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		11.64	ft	1	02/24/2025 11:07	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.3	NTU	1	02/24/2025 11:07	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		66	mV	1	02/24/2025 11:07	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		797	µS/cm	1	02/24/2025 11:07	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.4	°C	1	02/24/2025 11:07	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.97	mg/L	1	02/24/2025 11:07	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.83		1	02/24/2025 11:07	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		415	mg/L	1	02/25/2025 12:47	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 12:47	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		640	mg/L	1	02/25/2025 15:11	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.49	mg/L	10	02/27/2025 16:24	R361017
Chloride	NELAP	1.00	5.00		31.2	mg/L	10	02/27/2025 16:24	R361017
Sulfate	NELAP	0.99	10.0		110	mg/L	10	02/27/2025 16:24	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		119	mg/L	1	02/26/2025 17:44	235199
Magnesium	NELAP	0.0055	0.0500		49.8	mg/L	1	02/26/2025 17:44	235199
Potassium	NELAP	0.0400	0.100		0.951	mg/L	1	02/26/2025 17:44	235199
Sodium	NELAP	0.0180	0.0500	B	43.7	mg/L	1	02/26/2025 17:44	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 10:13	235199
Arsenic	NELAP	0.0004	0.0010		0.0014	mg/L	5	02/26/2025 10:13	235199
Barium	NELAP	0.0007	0.0010		0.122	mg/L	5	02/26/2025 10:13	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:13	235199
Boron	NELAP	0.0092	0.0250		1.53	mg/L	5	02/26/2025 10:13	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:13	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 10:13	235199
Cobalt	NELAP	0.0001	0.0010		0.0023	mg/L	5	02/26/2025 10:13	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:13	235199
Lithium	*	0.0015	0.0030		0.0041	mg/L	5	02/28/2025 13:27	235199
Molybdenum	NELAP	0.0006	0.0015		0.0019	mg/L	5	02/27/2025 13:06	235199
Selenium	NELAP	0.0006	0.0010		0.0013	mg/L	5	02/26/2025 10:13	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 10:13	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:18	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-014
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-12
Collection Date: 02/24/2025 13:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.97	ft	1	02/24/2025 13:36	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		120	NTU	1	02/24/2025 13:36	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-14	mV	1	02/24/2025 13:36	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2120	µS/cm	1	02/24/2025 13:36	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.5	°C	1	02/24/2025 13:36	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.98	mg/L	1	02/24/2025 13:36	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.79		1	02/24/2025 13:36	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		518	mg/L	1	02/25/2025 12:55	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 12:55	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		1070	mg/L	1.25	02/25/2025 15:11	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.19	mg/L	10	02/27/2025 16:36	R361017
Chloride	NELAP	1.00	5.00		27.6	mg/L	10	02/27/2025 16:36	R361017
Sulfate	NELAP	0.99	10.0		356	mg/L	10	02/27/2025 16:36	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		198	mg/L	1	02/26/2025 17:46	235199
Magnesium	NELAP	0.0055	0.0500		82.2	mg/L	1	02/26/2025 17:46	235199
Potassium	NELAP	0.0400	0.100		2.20	mg/L	1	02/26/2025 17:46	235199
Sodium	NELAP	0.0180	0.0500	B	51.2	mg/L	1	02/26/2025 17:46	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 10:20	235199
Arsenic	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	02/26/2025 10:20	235199
Barium	NELAP	0.0007	0.0010		0.0853	mg/L	5	02/26/2025 10:20	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:20	235199
Boron	NELAP	0.0092	0.0250		2.85	mg/L	5	02/26/2025 10:20	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:20	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 10:20	235199
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	02/26/2025 10:20	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:20	235199
Lithium	*	0.0015	0.0030		0.0094	mg/L	5	02/28/2025 13:33	235199
Molybdenum	NELAP	0.0006	0.0015	J	0.0010	mg/L	5	02/27/2025 13:13	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:20	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 10:20	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:20	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-015
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-20
Collection Date: 02/24/2025 10:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.09	ft	1	02/24/2025 10:34	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		39	NTU	1	02/24/2025 10:34	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		108	mV	1	02/24/2025 10:34	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1520	µS/cm	1	02/24/2025 10:34	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		11.9	°C	1	02/24/2025 10:34	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.84	mg/L	1	02/24/2025 10:34	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		7.08		1	02/24/2025 10:34	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		416	mg/L	1	02/25/2025 13:01	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 13:01	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		724	mg/L	1	02/25/2025 15:13	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.35	mg/L	10	02/27/2025 16:47	R361017
Chloride	NELAP	1.00	5.00		19.0	mg/L	10	02/27/2025 16:47	R361017
Sulfate	NELAP	0.99	10.0		162	mg/L	10	02/27/2025 16:47	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		133	mg/L	1	02/26/2025 17:55	235199
Magnesium	NELAP	0.0055	0.0500		65.6	mg/L	1	02/26/2025 17:55	235199
Potassium	NELAP	0.0400	0.100		0.936	mg/L	1	02/26/2025 17:55	235199
Sodium	NELAP	0.0180	0.0500	B	22.3	mg/L	1	02/26/2025 17:55	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 10:26	235199
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 10:26	235199
Barium	NELAP	0.0007	0.0010		0.0881	mg/L	5	02/26/2025 10:26	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:26	235199
Boron	NELAP	0.0092	0.0250		0.768	mg/L	5	02/26/2025 10:26	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:26	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 10:26	235199
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	02/26/2025 10:26	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:26	235199
Lithium	*	0.0015	0.0030		0.0042	mg/L	5	02/28/2025 13:39	235199
Molybdenum	NELAP	0.0006	0.0015		0.0024	mg/L	5	02/27/2025 13:19	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:26	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 10:26	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:23	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-016
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-20S
Collection Date: 02/24/2025 10:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.24	ft	1	02/24/2025 10:09	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		10	NTU	1	02/24/2025 10:09	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		138	mV	1	02/24/2025 10:09	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1990	µS/cm	1	02/24/2025 10:09	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		9.2	°C	1	02/24/2025 10:09	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.85	mg/L	1	02/24/2025 10:09	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.89		1	02/24/2025 10:09	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		442	mg/L	1	02/25/2025 13:08	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 13:08	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1070	mg/L	1	02/25/2025 15:14	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.17	mg/L	10	02/27/2025 16:59	R361017
Chloride	NELAP	1.00	5.00		16.6	mg/L	10	02/27/2025 16:59	R361017
Sulfate	NELAP	0.99	10.0		405	mg/L	10	02/27/2025 16:59	R361017
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		183	mg/L	1	02/26/2025 17:57	235199
Magnesium	NELAP	0.0055	0.0500		92.3	mg/L	1	02/26/2025 17:57	235199
Potassium	NELAP	0.0400	0.100		0.166	mg/L	1	02/26/2025 17:57	235199
Sodium	NELAP	0.0180	0.0500	B	29.8	mg/L	1	02/26/2025 17:57	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 10:32	235199
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 10:32	235199
Barium	NELAP	0.0007	0.0010		0.0299	mg/L	5	02/26/2025 10:32	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:32	235199
Boron	NELAP	0.0092	0.0250		1.74	mg/L	5	02/26/2025 10:32	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:32	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 10:32	235199
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	02/26/2025 10:32	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:32	235199
Lithium	*	0.0015	0.0030		0.0035	mg/L	5	02/28/2025 15:11	235199
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/27/2025 13:25	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:32	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 10:32	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:25	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-017
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-23
Collection Date: 02/24/2025 11:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		15.86	ft	1	02/24/2025 11:58	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.8	NTU	1	02/24/2025 11:58	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-72	mV	1	02/24/2025 11:58	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		783	µS/cm	1	02/24/2025 11:58	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.2	°C	1	02/24/2025 11:58	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.16	mg/L	1	02/24/2025 11:58	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.90		1	02/24/2025 11:58	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		486	mg/L	1	02/25/2025 13:16	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 13:16	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		618	mg/L	1	02/25/2025 15:14	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.28	mg/L	10	03/01/2025 19:10	R361041
Chloride	NELAP	1.00	5.00		22.8	mg/L	10	03/01/2025 19:10	R361041
Sulfate	NELAP	0.99	10.0		48.0	mg/L	10	03/01/2025 19:10	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		111	mg/L	1	02/26/2025 17:58	235199
Magnesium	NELAP	0.0055	0.0500		49.9	mg/L	1	02/26/2025 17:58	235199
Potassium	NELAP	0.0400	0.100		0.589	mg/L	1	02/26/2025 17:58	235199
Sodium	NELAP	0.0180	0.0500	B	43.3	mg/L	1	02/26/2025 17:58	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 10:38	235199
Arsenic	NELAP	0.0004	0.0010		0.0020	mg/L	5	02/26/2025 10:38	235199
Barium	NELAP	0.0007	0.0010		0.109	mg/L	5	02/26/2025 10:38	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:38	235199
Boron	NELAP	0.0092	0.0250		2.60	mg/L	5	02/26/2025 10:38	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:38	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 10:38	235199
Cobalt	NELAP	0.0001	0.0010		0.0018	mg/L	5	02/26/2025 10:38	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:38	235199
Lithium	*	0.0015	0.0030	J	0.0020	mg/L	5	02/28/2025 15:17	235199
Molybdenum	NELAP	0.0006	0.0015		0.0018	mg/L	5	02/27/2025 13:31	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 10:38	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 10:38	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:27	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

Lab ID: 25020672-018

Client Sample ID: MW-27

Matrix: GROUNDWATER

Collection Date: 02/25/2025 9:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.18	ft	1	02/25/2025 9:50	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		10	NTU	1	02/25/2025 9:50	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		133	mV	1	02/25/2025 9:50	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1180	µS/cm	1	02/25/2025 9:50	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.8	°C	1	02/25/2025 9:50	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		7.03	mg/L	1	02/25/2025 9:50	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.79		1	02/25/2025 9:50	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		601	mg/L	1	02/26/2025 9:18	R360848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/26/2025 9:18	R360848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1110	mg/L	1	02/26/2025 14:32	R360915
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.14	mg/L	10	03/02/2025 8:23	R361041
Chloride	NELAP	1.00	5.00		15.6	mg/L	10	03/02/2025 8:23	R361041
Sulfate	NELAP	0.99	10.0		336	mg/L	10	03/02/2025 8:23	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		165	mg/L	1	02/26/2025 16:18	235221
Magnesium	NELAP	0.0055	0.0500		90.0	mg/L	1	02/26/2025 16:18	235221
Potassium	NELAP	0.0400	0.100		0.466	mg/L	1	02/26/2025 16:18	235221
Sodium	NELAP	0.0180	0.0500		49.7	mg/L	1	02/28/2025 12:00	235221
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 16:18	235221
Arsenic	NELAP	0.0004	0.0010		0.0014	mg/L	5	02/27/2025 17:49	235221
Barium	NELAP	0.0007	0.0010		0.0647	mg/L	5	02/26/2025 16:18	235221
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 17:43	235221
Boron	NELAP	0.0092	0.0250		1.32	mg/L	5	02/28/2025 17:43	235221
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/27/2025 17:49	235221
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/28/2025 17:43	235221
Cobalt	NELAP	0.0001	0.0010		0.0012	mg/L	5	02/28/2025 17:43	235221
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/27/2025 17:49	235221
Lithium	*	0.0015	0.0030	J	0.0028	mg/L	5	02/28/2025 17:43	235221
Molybdenum	NELAP	0.0006	0.0015	J	0.0010	mg/L	5	02/27/2025 17:49	235221
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 16:18	235221
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 16:18	235221
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/27/2025 10:59	235255



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

Lab ID: 25020672-019

Client Sample ID: MW-28

Matrix: GROUNDWATER

Collection Date: 02/24/2025 14:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.43	ft	1	02/24/2025 14:01	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.1	NTU	1	02/24/2025 14:01	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		94	mV	1	02/24/2025 14:01	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2980	µS/cm	1	02/24/2025 14:01	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.9	°C	1	02/24/2025 14:01	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.81	mg/L	1	02/24/2025 14:01	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.73		1	02/24/2025 14:01	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		422	mg/L	1	02/25/2025 13:23	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 13:23	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1770	mg/L	1	02/25/2025 15:15	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	03/01/2025 19:22	R361041
Chloride	NELAP	1.00	5.00		7.37	mg/L	10	03/01/2025 19:22	R361041
Sulfate	NELAP	0.99	10.0		928	mg/L	10	03/01/2025 19:22	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	271	mg/L	1	02/26/2025 18:00	235199
Magnesium	NELAP	0.0055	0.0500	S	121	mg/L	1	02/26/2025 18:00	235199
Potassium	NELAP	0.0400	0.100		0.920	mg/L	1	02/26/2025 18:00	235199
Sodium	NELAP	0.0180	0.0500	BS	112	mg/L	1	02/26/2025 18:00	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<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	S	< 0.0010	mg/L	5	02/26/2025 10:45	235199
Arsenic	NELAP	0.0004	0.0010	JS	0.0004	mg/L	5	02/26/2025 10:45	235199
Barium	NELAP	0.0007	0.0010		0.0255	mg/L	5	02/27/2025 13:38	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 10:45	235199
Boron	NELAP	0.0092	0.0250	S	6.48	mg/L	5	02/27/2025 13:38	235199
Cadmium	NELAP	0.0002	0.0010	S	< 0.0010	mg/L	5	02/26/2025 10:45	235199
Chromium	NELAP	0.0007	0.0015	S	< 0.0015	mg/L	5	02/26/2025 10:45	235199
Cobalt	NELAP	0.0001	0.0010	JS	0.0005	mg/L	5	02/26/2025 10:45	235199
Lead	NELAP	0.0006	0.0010	S	< 0.0010	mg/L	5	02/26/2025 10:45	235199
Lithium	*	0.0015	0.0030		0.0057	mg/L	5	02/28/2025 13:45	235199
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/27/2025 13:38	235199
Selenium	NELAP	0.0006	0.0010	S	< 0.0010	mg/L	5	02/26/2025 10:45	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 10:45	235199

Matrix spike control limits are not applicable due to high sample/spike ratio.

Matrix spike recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-019
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-28
Collection Date: 02/24/2025 14:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:29	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-020
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-30
Collection Date: 02/24/2025 13:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		23.98	ft	1	02/24/2025 13:00	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.1	NTU	1	02/24/2025 13:00	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-77	mV	1	02/24/2025 13:00	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1520	µS/cm	1	02/24/2025 13:00	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.1	°C	1	02/24/2025 13:00	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.89	mg/L	1	02/24/2025 13:00	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.72		1	02/24/2025 13:00	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		538	mg/L	1	02/25/2025 13:30	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 13:30	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		610	mg/L	1.25	02/25/2025 15:15	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.28	mg/L	10	03/01/2025 19:33	R361041
Chloride	NELAP	1.00	5.00		33.7	mg/L	10	03/01/2025 19:33	R361041
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	03/01/2025 19:33	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		111	mg/L	1	02/26/2025 18:05	235199
Magnesium	NELAP	0.0055	0.0500		54.3	mg/L	1	02/26/2025 18:05	235199
Potassium	NELAP	0.0400	0.100		0.657	mg/L	1	02/26/2025 18:05	235199
Sodium	NELAP	0.0180	0.0500	B	45.6	mg/L	1	02/26/2025 18:05	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 11:48	235199
Arsenic	NELAP	0.0004	0.0010		0.0258	mg/L	5	02/26/2025 11:48	235199
Barium	NELAP	0.0007	0.0010		0.233	mg/L	5	02/26/2025 11:48	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 15:23	235199
Boron	NELAP	0.0092	0.0250		0.885	mg/L	5	02/27/2025 15:06	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 11:48	235199
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	02/26/2025 11:48	235199
Cobalt	NELAP	0.0001	0.0010		0.0024	mg/L	5	02/28/2025 15:23	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 11:48	235199
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	02/28/2025 15:23	235199
Molybdenum	NELAP	0.0006	0.0015	J	0.0012	mg/L	5	02/27/2025 15:06	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 11:48	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 11:48	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:32	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-021
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-31
Collection Date: 02/24/2025 11:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		29.61	ft	1	02/24/2025 11:40	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.8	NTU	1	02/24/2025 11:40	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-62	mV	1	02/24/2025 11:40	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1600	µS/cm	1	02/24/2025 11:40	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.6	°C	1	02/24/2025 11:40	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.67	mg/L	1	02/24/2025 11:40	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.74		1	02/24/2025 11:40	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		550	mg/L	1	02/25/2025 13:37	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 13:37	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		635	mg/L	2.5	02/25/2025 15:16	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.09	mg/L	10	03/01/2025 19:45	R361041
Chloride	NELAP	1.00	5.00		38.5	mg/L	10	03/01/2025 19:45	R361041
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	03/01/2025 19:45	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		134	mg/L	1	02/26/2025 18:06	235199
Magnesium	NELAP	0.0055	0.0500		60.7	mg/L	1	02/26/2025 18:06	235199
Potassium	NELAP	0.0400	0.100		0.829	mg/L	1	02/26/2025 18:06	235199
Sodium	NELAP	0.0180	0.0500	B	23.5	mg/L	1	02/26/2025 18:06	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 11:54	235199
Arsenic	NELAP	0.0004	0.0010		0.0035	mg/L	5	02/26/2025 11:54	235199
Barium	NELAP	0.0007	0.0010		0.225	mg/L	5	02/26/2025 11:54	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 15:29	235199
Boron	NELAP	0.0092	0.0250		0.217	mg/L	5	02/27/2025 15:12	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 11:54	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 11:54	235199
Cobalt	NELAP	0.0001	0.0010	J	0.0006	mg/L	5	02/28/2025 15:29	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 11:54	235199
Lithium	*	0.0015	0.0030		0.0050	mg/L	5	02/28/2025 15:29	235199
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/27/2025 15:12	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 11:54	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 11:54	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:38	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

Lab ID: 25020672-022

Client Sample ID: MW-31S

Matrix: GROUNDWATER

Collection Date: 02/24/2025 12:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		20.91	ft	1	02/24/2025 12:18	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		30	NTU	1	02/24/2025 12:18	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-96	mV	1	02/24/2025 12:18	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1860	µS/cm	1	02/24/2025 12:18	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.4	°C	1	02/24/2025 12:18	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.67	mg/L	1	02/24/2025 12:18	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.83		1	02/24/2025 12:18	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		740	mg/L	1	02/27/2025 10:06	R360914
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/27/2025 10:06	R360914
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		790	mg/L	2.5	02/25/2025 15:16	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.21	mg/L	10	03/01/2025 19:56	R361041
Chloride	NELAP	1.00	5.00		9.33	mg/L	10	03/01/2025 19:56	R361041
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	03/01/2025 19:56	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		167	mg/L	1	02/26/2025 18:08	235199
Magnesium	NELAP	0.0055	0.0500		85.8	mg/L	1	02/26/2025 18:08	235199
Potassium	NELAP	0.0400	0.100		1.00	mg/L	1	02/26/2025 18:08	235199
Sodium	NELAP	0.0180	0.0500	B	19.7	mg/L	1	02/26/2025 18:08	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 12:00	235199
Arsenic	NELAP	0.0004	0.0010		0.0176	mg/L	5	02/26/2025 12:00	235199
Barium	NELAP	0.0007	0.0010		0.277	mg/L	5	02/26/2025 12:00	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 16:06	235199
Boron	NELAP	0.0092	0.0250		0.0348	mg/L	5	02/27/2025 15:18	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 12:00	235199
Chromium	NELAP	0.0007	0.0015	J	0.0007	mg/L	5	02/26/2025 12:00	235199
Cobalt	NELAP	0.0001	0.0010		0.0026	mg/L	5	02/28/2025 16:06	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 12:00	235199
Lithium	*	0.0015	0.0030	J	0.0015	mg/L	5	02/28/2025 16:06	235199
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/27/2025 15:18	235199
Selenium	NELAP	0.0006	0.0010	J	0.0006	mg/L	5	02/26/2025 12:00	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 12:00	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:41	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-023
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-32
Collection Date: 02/24/2025 11:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		22.46	ft	1	02/24/2025 11:08	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.8	NTU	1	02/24/2025 11:08	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		90	mV	1	02/24/2025 11:08	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1980	µS/cm	1	02/24/2025 11:08	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.5	°C	1	02/24/2025 11:08	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.84	mg/L	1	02/24/2025 11:08	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.54		1	02/24/2025 11:08	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		516	mg/L	1	02/25/2025 13:58	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 13:58	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1000	mg/L	1	02/25/2025 15:16	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.13	mg/L	10	03/01/2025 20:08	R361041
Chloride	NELAP	1.00	5.00		9.09	mg/L	10	03/01/2025 20:08	R361041
Sulfate	NELAP	0.99	10.0		312	mg/L	10	03/01/2025 20:08	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		160	mg/L	1	02/26/2025 18:17	235199
Magnesium	NELAP	0.0055	0.0500		80.5	mg/L	1	02/26/2025 18:17	235199
Potassium	NELAP	0.0400	0.100		0.376	mg/L	1	02/26/2025 18:17	235199
Sodium	NELAP	0.0180	0.0500	B	54.6	mg/L	1	02/26/2025 18:17	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 12:06	235199
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 12:06	235199
Barium	NELAP	0.0007	0.0010		0.0428	mg/L	5	02/26/2025 12:06	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 16:12	235199
Boron	NELAP	0.0092	0.0250		1.45	mg/L	5	02/27/2025 15:25	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 12:06	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 12:06	235199
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	02/28/2025 16:12	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 12:06	235199
Lithium	*	0.0015	0.0030	J	0.0017	mg/L	5	02/28/2025 16:12	235199
Molybdenum	NELAP	0.0006	0.0015		0.0017	mg/L	5	02/27/2025 15:25	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 12:06	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 12:06	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:43	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-027
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: PZ-4C
Collection Date: 02/24/2025 13:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.55	ft	1	02/24/2025 13:18	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		43	NTU	1	02/24/2025 13:18	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-29	mV	1	02/24/2025 13:18	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		736	µS/cm	1	02/24/2025 13:18	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.7	°C	1	02/24/2025 13:18	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.87	mg/L	1	02/24/2025 13:18	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.82		1	02/24/2025 13:18	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		425	mg/L	1	02/25/2025 14:06	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 14:06	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		590	mg/L	1.25	02/25/2025 15:17	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.31	mg/L	10	03/01/2025 20:20	R361041
Chloride	NELAP	1.00	5.00		30.4	mg/L	10	03/01/2025 20:20	R361041
Sulfate	NELAP	0.99	10.0		65.6	mg/L	10	03/01/2025 20:20	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		117	mg/L	1	02/26/2025 18:19	235199
Magnesium	NELAP	0.0055	0.0500		44.4	mg/L	1	02/26/2025 18:19	235199
Potassium	NELAP	0.0400	0.100		1.50	mg/L	1	02/26/2025 18:19	235199
Sodium	NELAP	0.0180	0.0500	B	34.0	mg/L	1	02/26/2025 18:19	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 12:13	235199
Arsenic	NELAP	0.0004	0.0010		0.0026	mg/L	5	02/26/2025 12:13	235199
Barium	NELAP	0.0007	0.0010		0.286	mg/L	5	02/26/2025 12:13	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 16:18	235199
Boron	NELAP	0.0092	0.0250		1.53	mg/L	5	02/28/2025 16:18	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 12:13	235199
Chromium	NELAP	0.0007	0.0015		0.0025	mg/L	5	02/26/2025 12:13	235199
Cobalt	NELAP	0.0001	0.0010	J	0.0007	mg/L	5	02/28/2025 16:18	235199
Lead	NELAP	0.0006	0.0010		0.0011	mg/L	5	02/26/2025 12:13	235199
Lithium	*	0.0015	0.0030		0.0092	mg/L	5	02/28/2025 16:18	235199
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/27/2025 16:21	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 12:13	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 12:13	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:45	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-028
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: SG-03
Collection Date: 02/24/2025 11:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		12.35	ft	1	02/24/2025 11:20	R361089



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-029
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: XPW01
Collection Date: 02/25/2025 11:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		19.84	ft	1	02/25/2025 11:23	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.7	NTU	1	02/25/2025 11:23	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		61	mV	1	02/25/2025 11:23	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1070	µS/cm	1	02/25/2025 11:23	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		5.5	°C	1	02/25/2025 11:23	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		10.3	mg/L	1	02/25/2025 11:23	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		8.02		1	02/25/2025 11:23	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		164	mg/L	1	02/26/2025 9:46	R360848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/26/2025 9:46	R360848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		486	mg/L	1	02/26/2025 14:35	R360915
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.48	mg/L	10	03/02/2025 9:33	R361041
Chloride	NELAP	1.00	5.00		32.6	mg/L	10	03/02/2025 9:33	R361041
Sulfate	NELAP	0.99	10.0		178	mg/L	10	03/02/2025 9:33	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		56.0	mg/L	1	02/26/2025 16:25	235221
Magnesium	NELAP	0.0055	0.0500		21.9	mg/L	1	02/26/2025 16:25	235221
Potassium	NELAP	0.0400	0.100		5.25	mg/L	1	02/26/2025 16:25	235221
Sodium	NELAP	0.0180	0.0500		54.9	mg/L	1	02/28/2025 12:10	235221
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	02/26/2025 16:43	235221
Arsenic	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	02/27/2025 18:14	235221
Barium	NELAP	0.0007	0.0010		0.125	mg/L	5	02/26/2025 16:43	235221
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 18:08	235221
Boron	NELAP	0.0092	0.0250		0.449	mg/L	5	02/28/2025 18:08	235221
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/27/2025 18:14	235221
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/28/2025 18:08	235221
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	02/28/2025 18:08	235221
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/27/2025 18:14	235221
Lithium	*	0.0015	0.0030		0.0070	mg/L	5	02/28/2025 18:08	235221
Molybdenum	NELAP	0.0006	0.0015		0.0094	mg/L	5	02/27/2025 18:14	235221
Selenium	NELAP	0.0006	0.0010		0.0042	mg/L	5	02/26/2025 16:43	235221
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 16:43	235221
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/27/2025 11:08	235255



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

Lab ID: 25020672-030

Client Sample ID: XPW02

Matrix: GROUNDWATER

Collection Date: 02/25/2025 10:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.32	ft	1	02/25/2025 10:47	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1200	NTU	1	02/25/2025 10:47	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-73	mV	1	02/25/2025 10:47	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1260	µS/cm	1	02/25/2025 10:47	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.2	°C	1	02/25/2025 10:47	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.50	mg/L	1	02/25/2025 10:47	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.74		1	02/25/2025 10:47	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		254	mg/L	1	02/26/2025 9:52	R360848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/26/2025 9:52	R360848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		530	mg/L	2.5	02/26/2025 14:36	R360915
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.40	5.00		ND	mg/L	100	03/02/2025 10:19	R361041
Chloride	NELAP	10.0	50.0		ND	mg/L	100	03/02/2025 10:19	R361041
Sulfate	NELAP	9.90	100		221	mg/L	100	03/02/2025 10:19	R361041
<i>Elevated reporting limit due to high levels of target and/or non-target analytes.</i>									
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		131	mg/L	1	02/26/2025 16:26	235221
Magnesium	NELAP	0.0055	0.0500		21.4	mg/L	1	02/26/2025 16:26	235221
Potassium	NELAP	0.400	1.00		16.0	mg/L	10	02/27/2025 11:12	235221
Sodium	NELAP	0.180	0.500		28.3	mg/L	10	02/28/2025 12:11	235221
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0010	mg/L	5	02/26/2025 16:49	235221
Arsenic	NELAP	0.0016	0.0040		0.0896	mg/L	20	03/03/2025 9:31	235221
Barium	NELAP	0.0007	0.0010		0.531	mg/L	5	02/26/2025 16:49	235221
Beryllium	NELAP	0.0002	0.0010		0.0012	mg/L	5	02/28/2025 19:09	235221
Boron	NELAP	0.0092	0.0250		2.56	mg/L	5	02/28/2025 19:09	235221
Cadmium	NELAP	0.0006	0.0040	J	0.0029	mg/L	20	03/03/2025 9:31	235221
Chromium	NELAP	0.0028	0.0060		0.0193	mg/L	20	03/03/2025 9:31	235221
Cobalt	NELAP	0.0005	0.0040	J	0.0031	mg/L	20	03/03/2025 9:31	235221
Lead	NELAP	0.0006	0.0010		0.0060	mg/L	5	02/27/2025 18:21	235221
Lithium	*	0.0015	0.0030		0.0370	mg/L	5	02/28/2025 19:09	235221
Molybdenum	NELAP	0.0024	0.0060		0.0766	mg/L	20	03/03/2025 9:31	235221
Selenium	NELAP	0.0024	0.0040		0.0448	mg/L	20	03/03/2025 9:31	235221
Thallium	NELAP	0.0010	0.0020		0.0021	mg/L	5	02/26/2025 16:49	235221
<i>Elevated reporting limit for Cd & Co due to high levels of target and/or non-target analytes.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/27/2025 11:10	235255



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-031
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: XPW03
Collection Date: 02/25/2025 10:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.96	ft	1	02/25/2025 10:05	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2100	NTU	1	02/25/2025 10:05	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		6	mV	1	02/25/2025 10:05	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		3610	µS/cm	1	02/25/2025 10:05	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.6	°C	1	02/25/2025 10:05	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.75	mg/L	1	02/25/2025 10:05	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.98		1	02/25/2025 10:05	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		450	mg/L	1	02/26/2025 9:58	R360848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/26/2025 9:58	R360848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		1920	mg/L	2.5	02/26/2025 14:36	R360915
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.40	5.0	J	0.48	mg/L	100	03/02/2025 10:31	R361041
Chloride	NELAP	10.0	50.0		ND	mg/L	100	03/02/2025 10:31	R361041
Sulfate	NELAP	9.90	100		1050	mg/L	100	03/02/2025 10:31	R361041
<i>Elevated reporting limit due to high levels of target and/or non-target analytes.</i>									
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		242	mg/L	1	02/26/2025 16:26	235221
Magnesium	NELAP	0.0055	0.0500		66.3	mg/L	1	02/26/2025 16:26	235221
Potassium	NELAP	0.400	1.00		15.7	mg/L	10	02/27/2025 11:13	235221
Sodium	NELAP	0.180	0.500		290	mg/L	10	02/28/2025 12:12	235221
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0011	mg/L	5	02/26/2025 16:56	235221
Arsenic	NELAP	0.0016	0.0040		0.154	mg/L	20	03/03/2025 9:37	235221
Barium	NELAP	0.0007	0.0010		0.489	mg/L	5	02/26/2025 16:56	235221
Beryllium	NELAP	0.0002	0.0010	J	0.0010	mg/L	5	02/28/2025 19:21	235221
Boron	NELAP	0.0092	0.0250		2.67	mg/L	5	02/28/2025 19:21	235221
Cadmium	NELAP	0.0006	0.0040		0.0103	mg/L	20	03/03/2025 9:37	235221
Chromium	NELAP	0.0028	0.0060		0.0154	mg/L	20	03/03/2025 9:37	235221
Cobalt	NELAP	0.0005	0.0040		0.0282	mg/L	20	03/03/2025 9:37	235221
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/27/2025 19:30	235221
Lithium	*	0.0015	0.0030		0.0213	mg/L	5	02/28/2025 19:21	235221
Molybdenum	NELAP	0.0024	0.0060		0.0680	mg/L	20	03/03/2025 9:37	235221
Selenium	NELAP	0.0024	0.0040		0.0071	mg/L	20	03/03/2025 9:37	235221
Thallium	NELAP	0.0010	0.0020		0.0024	mg/L	5	02/26/2025 16:56	235221
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/27/2025 11:12	235255



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-032
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: XPW04
Collection Date: 02/25/2025 9:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		2.63	ft	1	02/25/2025 9:20	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		12	NTU	1	02/25/2025 9:20	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-115	mV	1	02/25/2025 9:20	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		945	µS/cm	1	02/25/2025 9:20	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		11.2	°C	1	02/25/2025 9:20	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.22	mg/L	1	02/25/2025 9:20	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.89		1	02/25/2025 9:20	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		286	mg/L	1	02/26/2025 10:05	R360848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/26/2025 10:05	R360848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	27	33		314	mg/L	1.67	02/26/2025 14:37	R360915
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.38	mg/L	10	03/04/2025 4:58	R361114
Chloride	NELAP	1.00	5.00		14.5	mg/L	10	03/04/2025 4:58	R361114
Sulfate	NELAP	0.99	10.0		23.1	mg/L	10	03/04/2025 4:58	R361114
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		44.1	mg/L	1	02/26/2025 16:27	235221
Magnesium	NELAP	0.0055	0.0500		19.2	mg/L	1	02/26/2025 16:27	235221
Potassium	NELAP	0.0400	0.100		4.51	mg/L	1	02/26/2025 16:27	235221
Sodium	NELAP	0.0180	0.0500		35.6	mg/L	1	02/28/2025 12:13	235221
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 17:02	235221
Arsenic	NELAP	0.0004	0.0010		0.0058	mg/L	5	02/27/2025 19:36	235221
Barium	NELAP	0.0007	0.0010		0.167	mg/L	5	02/26/2025 17:02	235221
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 19:33	235221
Boron	NELAP	0.0092	0.0250		1.02	mg/L	5	02/28/2025 19:33	235221
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/27/2025 19:36	235221
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/28/2025 19:33	235221
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	02/28/2025 19:33	235221
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/27/2025 19:36	235221
Lithium	*	0.0015	0.0030		0.0157	mg/L	5	02/28/2025 19:33	235221
Molybdenum	NELAP	0.0006	0.0015		0.0042	mg/L	5	02/27/2025 19:36	235221
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/27/2025 19:36	235221
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 17:02	235221
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/27/2025 11:15	235255



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-033
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: XSG-01
Collection Date: 02/24/2025 10:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.06	ft	1	02/24/2025 10:01	R361089



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-034
Matrix: AQUEOUS

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: Field Blank
Collection Date: 02/25/2025 11:11

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		4	mg/L	1	02/26/2025 10:20	R360848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/26/2025 10:20	R360848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	02/26/2025 14:39	R360915
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	03/02/2025 10:54	R361041
Chloride	NELAP	1.00	5.00		ND	mg/L	10	03/02/2025 10:54	R361041
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	03/02/2025 10:54	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		< 0.100	mg/L	1	02/26/2025 16:28	235221
Magnesium	NELAP	0.0055	0.050	J	0.012	mg/L	1	02/26/2025 16:28	235221
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	02/26/2025 16:28	235221
Sodium	NELAP	0.0180	0.0500		< 0.0500	mg/L	1	02/26/2025 16:28	235221
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/27/2025 19:24	235221
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/27/2025 19:24	235221
Barium	NELAP	0.0007	0.0010		< 0.0010	mg/L	5	02/26/2025 17:34	235221
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 19:03	235221
Boron	NELAP	0.0092	0.0250		< 0.0250	mg/L	5	02/28/2025 19:03	235221
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 19:03	235221
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/28/2025 19:03	235221
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	02/28/2025 19:03	235221
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/27/2025 19:24	235221
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	02/28/2025 19:03	235221
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/27/2025 19:24	235221
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/27/2025 19:24	235221
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 17:34	235221
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/27/2025 11:17	235255



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-035
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-01 Duplicate
Collection Date: 02/24/2025 13:55

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	02/24/2025 13:55	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	02/24/2025 13:55	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		69	mV	1	02/24/2025 13:55	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		407	µS/cm	1	02/24/2025 13:55	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.9	°C	1	02/24/2025 13:55	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.61	mg/L	1	02/24/2025 13:55	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.44		1	02/24/2025 13:55	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		176	mg/L	1	02/25/2025 14:20	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 14:20	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		332	mg/L	1	02/25/2025 15:17	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.12	mg/L	10	03/01/2025 20:31	R361041
Chloride	NELAP	1.00	5.00		14.6	mg/L	10	03/01/2025 20:31	R361041
Sulfate	NELAP	0.99	10.0		82.6	mg/L	10	03/01/2025 20:31	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		58.4	mg/L	1	02/26/2025 18:20	235199
Magnesium	NELAP	0.0055	0.0500		27.3	mg/L	1	02/26/2025 18:20	235199
Potassium	NELAP	0.0400	0.100		0.241	mg/L	1	02/26/2025 18:20	235199
Sodium	NELAP	0.0180	0.0500	B	16.2	mg/L	1	02/26/2025 18:20	235199
<i>Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 13:28	235199
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/27/2025 16:28	235199
Barium	NELAP	0.0007	0.0010		0.0387	mg/L	5	02/26/2025 13:28	235199
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 16:24	235199
Boron	NELAP	0.0092	0.0250		0.254	mg/L	5	02/28/2025 16:24	235199
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 13:28	235199
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 13:28	235199
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	02/28/2025 16:24	235199
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 13:28	235199
Lithium	*	0.0015	0.0030	J	0.0023	mg/L	5	02/28/2025 16:24	235199
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/27/2025 16:28	235199
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 13:28	235199
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 13:28	235199
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 10:47	235197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-037
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: MW-31 Duplicate
Collection Date: 02/24/2025 11:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		29.61	ft	1	02/24/2025 11:40	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.8	NTU	1	02/24/2025 11:40	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-62	mV	1	02/24/2025 11:40	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1600	µS/cm	1	02/24/2025 11:40	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.6	°C	1	02/24/2025 11:40	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.67	mg/L	1	02/24/2025 11:40	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.74		1	02/24/2025 11:40	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		550	mg/L	1	02/25/2025 14:32	R360787
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/25/2025 14:32	R360787
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		642	mg/L	1.25	02/25/2025 15:18	R360859
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.08	mg/L	10	03/01/2025 20:43	R361041
Chloride	NELAP	1.00	5.00		40.7	mg/L	10	03/01/2025 20:43	R361041
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	03/01/2025 20:43	R361041
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		137	mg/L	1	02/26/2025 16:02	235209
Magnesium	NELAP	0.0055	0.0500		62.3	mg/L	1	02/26/2025 16:02	235209
Potassium	NELAP	0.0400	0.100		0.824	mg/L	1	02/26/2025 16:02	235209
Sodium	NELAP	0.0180	0.0500	B	24.2	mg/L	1	02/26/2025 16:02	235209
Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	02/26/2025 13:34	235209
Arsenic	NELAP	0.0004	0.0010		0.0035	mg/L	5	02/27/2025 16:34	235209
Barium	NELAP	0.0007	0.0010		0.226	mg/L	5	02/26/2025 13:34	235209
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/28/2025 16:30	235209
Boron	NELAP	0.0092	0.0250		0.250	mg/L	5	02/28/2025 16:30	235209
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	02/26/2025 13:34	235209
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	02/26/2025 13:34	235209
Cobalt	NELAP	0.0001	0.0010	J	0.0006	mg/L	5	02/28/2025 16:30	235209
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 13:34	235209
Lithium	*	0.0015	0.0030		0.0055	mg/L	5	02/28/2025 16:30	235209
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	02/27/2025 16:34	235209
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/26/2025 13:34	235209
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 13:34	235209
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/26/2025 8:26	235213



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-038
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: XPW03 Duplicate
Collection Date: 02/25/2025 10:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.96	ft	1	02/25/2025 10:05	R361089
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2100	NTU	1	02/25/2025 10:05	R361089
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		6	mV	1	02/25/2025 10:05	R361089
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		3610	µS/cm	1	02/25/2025 10:05	R361089
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.6	°C	1	02/25/2025 10:05	R361089
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.75	mg/L	1	02/25/2025 10:05	R361089
SW-846 9040B FIELD									
pH	*	0	1.00		6.98		1	02/25/2025 10:05	R361089
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		469	mg/L	1	02/26/2025 10:11	R360848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	02/26/2025 10:11	R360848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	80	100		2000	mg/L	5	02/26/2025 14:40	R360915
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.40	5.00		ND	mg/L	100	03/02/2025 11:18	R361041
Chloride	NELAP	10.0	50.0		ND	mg/L	100	03/02/2025 11:18	R361041
Sulfate	NELAP	9.90	100		1050	mg/L	100	03/02/2025 11:18	R361041
<i>Elevated reporting limit due to high levels of target and/or non-target analytes.</i>									
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	204	mg/L	1	02/26/2025 16:29	235221
Magnesium	NELAP	0.0055	0.0500	S	66.3	mg/L	1	02/26/2025 16:29	235221
Potassium	NELAP	0.400	1.00		16.4	mg/L	10	02/27/2025 11:14	235221
Sodium	NELAP	0.180	0.500	S	292	mg/L	10	02/28/2025 12:13	235221
<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	02/27/2025 19:43	235221
Arsenic	NELAP	0.0016	0.0040		0.0551	mg/L	20	02/28/2025 19:45	235221
Barium	NELAP	0.0007	0.0010		0.0969	mg/L	5	02/26/2025 17:46	235221
Beryllium	NELAP	0.0002	0.0010	J	0.0003	mg/L	5	02/28/2025 18:14	235221
Boron	NELAP	0.0092	0.0250	S	3.56	mg/L	5	03/05/2025 8:42	235481
Cadmium	NELAP	0.0002	0.0010		0.0018	mg/L	5	02/28/2025 18:14	235221
Chromium	NELAP	0.0007	0.0015		0.0031	mg/L	5	02/28/2025 18:14	235221
Cobalt	NELAP	0.0005	0.0040		0.0082	mg/L	20	02/28/2025 19:45	235221
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	02/27/2025 19:43	235221
Lithium	*	0.0015	0.0030		0.0275	mg/L	5	02/28/2025 18:14	235221
Molybdenum	NELAP	0.0024	0.0060		0.0585	mg/L	20	02/28/2025 19:45	235221
Selenium	NELAP	0.0024	0.0040		0.0044	mg/L	20	02/28/2025 19:45	235221
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	02/26/2025 17:46	235221

Matrix spike did not recover within control limits due to sample composition. Verified by re-prep and re-analysis.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020672-038
Matrix: GROUNDWATER

Work Order: 25020672
Report Date: 19-Mar-25
Client Sample ID: XPW03 Duplicate
Collection Date: 02/25/2025 10:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	02/27/2025 11:26	235255



Sample Summary

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

Client: Ramboll
Client Project: KIN-25Q1

Work Order: 25020672
Report Date: 19-Mar-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25020672-001	MW-01	Groundwater	3	02/24/2025 13:55
25020672-002	MW-02	Groundwater	3	02/24/2025 10:22
25020672-003	MW-03	Groundwater	3	02/24/2025 12:42
25020672-005	MW-05	Groundwater	3	02/24/2025 13:52
25020672-006	MW-06	Groundwater	3	02/24/2025 12:43
25020672-007	MW-07	Groundwater	3	02/24/2025 13:20
25020672-008	MW-07S	Groundwater	2	02/24/2025 14:25
25020672-009	MW-08	Groundwater	3	02/25/2025 10:25
25020672-010	MW-08S	Groundwater	2	02/25/2025 0:00
25020672-013	MW-11	Groundwater	3	02/24/2025 11:07
25020672-014	MW-12	Groundwater	3	02/24/2025 13:36
25020672-015	MW-20	Groundwater	2	02/24/2025 10:34
25020672-016	MW-20S	Groundwater	2	02/24/2025 10:09
25020672-017	MW-23	Groundwater	2	02/24/2025 11:58
25020672-018	MW-27	Groundwater	2	02/25/2025 9:50
25020672-019	MW-28	Groundwater	2	02/24/2025 14:01
25020672-020	MW-30	Groundwater	2	02/24/2025 13:00
25020672-021	MW-31	Groundwater	2	02/24/2025 11:40
25020672-022	MW-31S	Groundwater	2	02/24/2025 12:18
25020672-023	MW-32	Groundwater	2	02/24/2025 11:08
25020672-027	PZ-4C	Groundwater	2	02/24/2025 13:18
25020672-028	SG-03	Groundwater	1	02/24/2025 11:20
25020672-029	XPW01	Groundwater	2	02/25/2025 11:23
25020672-030	XPW02	Groundwater	2	02/25/2025 10:47
25020672-031	XPW03	Groundwater	2	02/25/2025 10:05
25020672-032	XPW04	Groundwater	2	02/25/2025 9:20
25020672-033	XSG-01	Groundwater	1	02/24/2025 10:01
25020672-034	Field Blank	Aqueous	3	02/25/2025 11:11
25020672-035	MW-01 Duplicate	Groundwater	3	02/24/2025 13:55
25020672-037	MW-31 Duplicate	Groundwater	2	02/24/2025 11:40
25020672-038	XPW03 Duplicate	Groundwater	2	02/25/2025 10:05
25020672-039	Equipment Blank 1	Aqueous	3	
25020672-040	Equipment Blank 2	Aqueous	3	
25020672-041	Equipment Blank 3	Aqueous	3	



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

STANDARD METHODS 2510 B FIELD

Batch R361089		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	100.5	90	110	02/24/2025	

Batch R361089		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		1410	1412	0	99.9	90	110	02/24/2025	

Batch R361089		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.9	90	110	02/24/2025	

Batch R361089		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		1420	1412	0	100.2	90	110	02/25/2025	

Batch R361089		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		1420	1412	0	100.2	90	110	02/25/2025	

Batch R361089		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1420	1412	0	100.4	90	110	02/25/2025	

SW-846 9040B FIELD

Batch R361089		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	02/24/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW-846 9040B FIELD

Batch R361089		SampType: LCS		Units							
SampID: LCS-1-JC											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
pH	*	1.00		7.00	7.000	0	100.0	98.57	101.4	02/24/2025	

Batch R361089		SampType: LCS		Units							
SampID: LCS-1-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.03	7.000	0	100.4	98.57	101.4	02/24/2025	

Batch R361089		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		7.01	7.000	0	100.1	98.57	101.4	02/25/2025	

Batch R361089		SampType: LCS		Units							
SampID: LCS-2-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		6.99	7.000	0	99.9	98.57	101.4	02/25/2025	

Batch R361089		SampType: LCS		Units							
SampID: LCS-2-TC											
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	02/25/2025	

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R360859		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	02/25/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	02/25/2025	

Batch R360859		SampType: LCS		Units mg/L							
SampID: LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Total Dissolved Solids		20		956	1000	0	95.6	90	110	02/25/2025	
Total Dissolved Solids		20		1050	1000	0	105.2	90	110	02/25/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R360859		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25020672-037ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		25		652				642.5	1.54	02/25/2025	

Batch R360859		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25021297-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		33		2510				2679	6.57	02/25/2025	

Batch R360915		SampType: MBLK		Units mg/L							
SampID: MBLK										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	02/26/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	02/26/2025	

Batch R360915		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		936	1000	0	93.6	90	110	02/26/2025	
Total Dissolved Solids		20		944	1000	0	94.4	90	110	02/26/2025	

Batch R360915		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25020672-038ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		100		1910				2000	4.60	02/26/2025	

Batch R360915		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25021645-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		1000		7900				7600	3.87	02/26/2025	

Batch R360915		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25021705-006ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		240				250.0	4.08	02/26/2025	



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Client: Ramboll

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Client Project: KIN-25Q1

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STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch	R360915	SampType:	DUP	Units	mg/L	RPD Limit	10					
SampID:	25021783-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids			29		1550				1604	3.45	02/26/2025	

STANDARD METHODS 4500-NO2 B (TOTAL) 2000, 2011

Batch	R360779	SampType:	MBLK	Units	mg/L							
SampID:	MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	02/25/2025	

Batch	R360779	SampType:	LCS	Units	mg/L							
SampID:	LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)			0.05		0.28	0.3045	0	90.3	90	110	02/25/2025	

Batch	R360779	SampType:	MS	Units	mg/L							
SampID:	25020672-005AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)			0.05		0.51	0.5000	0	101.2	85	115	02/25/2025	

Batch	R360779	SampType:	MSD	Units	mg/L							
SampID:	25020672-005AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	99.8	0.5060	1.39	02/25/2025	

Batch	R360779	SampType:	MS	Units	mg/L							
SampID:	25020672-036AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0	98.8	85	115	02/25/2025	

Batch	R360779	SampType:	MSD	Units	mg/L							
SampID:	25020672-036AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	99.4	0.4940	0.61	02/25/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

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STANDARD METHODS 4500-NO2 B (TOTAL) 2000, 2011

Batch R360779		SampType: MS		Units mg/L						
SampID: 25021703-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.49	0.5000	0	97.4	85	115	02/25/2025

Batch R360779		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25021703-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	96.2	0.4870	1.24	02/25/2025	

Batch R360779		SampType: MS		Units mg/L							
SampID: 25021705-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.49	0.5000	0	97.4	85	115	02/25/2025	

Batch R360779		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25021705-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0	97.8	0.4870	0.41	02/25/2025

STANDARD METHODS 4500-NO3 F (TOTAL) 2000, 2011

Batch R360840		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						02/25/2025	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	02/25/2025	

Batch R360840		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.533	0.5000	0	106.6	90	110	02/25/2025	

Batch R360840		SampType: MS		Units mg/L							
SampID: 25020672-034AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.236	0.2500	0	94.4	85	115	02/25/2025	



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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

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STANDARD METHODS 4500-NO3 F (TOTAL) 2000, 2011

Batch R360840		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25020672-034AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.238	0.2500	0	95.2	0.2360	0.84	02/25/2025

Batch R360840		SampType: MS		Units mg/L							
SampID: 25021256-001DMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.250		1.84	1.250	0.6120	97.9	85	115	02/25/2025	

Batch R360840		SampType: MSD		Units mg/L		RPD Limit 10					Date Analyzed	
SampID: 25021256-001DMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)				0.250		1.81	1.250	0.6120	96.2	1.836	1.21	02/25/2025

Batch R360840		SampType: MS		Units mg/L							
SampID: 25021729-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.250		2.67	1.250	1.465	96.6	90	110	02/25/2025	

Batch R360840		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25021729-005AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.250		2.71	1.250	1.465	99.5	2.673	1.34	02/25/2025

SW-846 9012A (TOTAL)

Batch 235219		SampType: MBLK		Units mg/L							
SampID: MBLK 250225 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		< 0.005	0.0015	0	0	-100	100	02/26/2025	

Batch 235219		SampType: LCS		Units mg/L							
SampID: LCS 250225 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.026	0.0250	0	103.1	90	110	02/26/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW-846 9012A (TOTAL)

Batch 235219		SampType: MS		Units mg/L							Date
SampID: 25021612-001CMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.025		0.148	0.1250	0.01375	107.5	90	110	02/26/2025	

Batch 235219		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25021612-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.025		0.148	0.1250	0.01375	107.5	0.1482	0.02	02/26/2025

Batch 235219		SampType: MS		Units mg/L							Date
SampID: 25021693-001BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005		0.027	0.0250	0	107.4	75	125	02/26/2025	

Batch 235219		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25021693-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005		0.026	0.0250	0	105.9	0.02686	1.41	02/26/2025

Batch 235272		SampType: MBLK		Units mg/L							Date
SampID: MBLK 250226 TCN1											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005		< 0.005	0.0015	0	0	-100	100	02/27/2025	

Batch 235272		SampType: LCS		Units mg/L							Date
SampID: LCS 250226 TCN1											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005		0.027	0.0250	0	107.9	90	110	02/27/2025	

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361017		SampType: MBLK		Units mg/L							Date
SampID: MBLK/ICB											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		ND	0.0040	0	0	0	100	02/27/2025	
Chloride		0.50		ND	0.1000	0	0	0	100	02/27/2025	
Sulfate		1.00		ND	0.0990	0	0	0	100	02/27/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361017		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		0.96	1.000	0	95.9	90	110	02/27/2025
Chloride		0.50		19.5	20.00	0	97.7	90	110	02/27/2025
Sulfate		1.00		18.6	20.00	0	92.9	90	110	02/27/2025

Batch R361017		SampType: MS		Units mg/L						
SampID: 25020672-003AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.6	10.00	0.2440	103.1	80	120	02/27/2025
Chloride		5.00		229	200.0	27.31	101.0	80	120	02/27/2025
Sulfate		10.0		326	200.0	126.7	99.8	80	120	02/27/2025

Batch R361017		SampType: MSD		Units mg/L					RPD Limit 15	
SampID: 25020672-003AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.6	10.00	0.2440	103.7	10.55	0.56	02/27/2025
Chloride		5.00		232	200.0	27.31	102.1	229.4	0.93	02/27/2025
Sulfate		10.0		328	200.0	126.7	100.9	326.3	0.67	02/27/2025

Batch R361017		SampType: MS		Units mg/L						
SampID: 25020672-006AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.5	10.00	0.1990	103.1	80	120	02/27/2025
Chloride		5.00		199	200.0	2.034	98.7	80	120	02/27/2025
Sulfate		10.0		327	200.0	128.6	99.4	80	120	02/27/2025

Batch R361017		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25020672-006AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.6	10.00	0.1990	103.6	10.51	0.48	02/27/2025
Chloride		5.00		201	200.0	2.034	99.3	199.5	0.62	02/27/2025
Sulfate		10.0		328	200.0	128.6	99.8	327.4	0.21	02/27/2025



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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361017		SampType: MS		Units mg/L						
SampID: 25020672-008AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.5	10.00	0.3170	101.5	80	120	02/27/2025
Chloride		5.00		203	200.0	6.304	98.2	80	120	02/27/2025
Sulfate		10.0		678	200.0	472.3	103.0	80	120	02/27/2025

Batch R361017		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020672-008AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.6	10.00	0.3170	102.6	10.47	1.01	02/27/2025
Chloride			5.00		204	200.0	6.304	99.0	202.8	0.75	02/27/2025
Sulfate			10.0		681	200.0	472.3	104.2	678.3	0.34	02/27/2025

Batch R361017		SampType: MS		Units mg/L							
SampID: 25021555-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		50.0		6910	2000	4897	100.7	80	120	02/27/2025	
Sulfate		100		2120	2000	292.4	91.3	80	120	02/27/2025	

Batch R361017		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25021555-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Chloride			50.0		6920	2000	4897	101.1	6911	0.12	02/27/2025
Sulfate			100		2120	2000	292.4	91.4	2118	0.12	02/27/2025

Batch R361017		SampType: MS		Units mg/L						
SampID: 25021639-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		50.0		4430	2000	2315	106.0	80	120	02/27/2025
Sulfate		100		3890	2000	1937	97.7	80	120	02/27/2025

Batch R361017		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25021639-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			50.0		4440	2000	2315	106.3	4435	0.16	02/27/2025
Sulfate			100		3890	2000	1937	97.8	3890	0.06	02/27/2025



Quality Control Results

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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361041		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	03/01/2025
Chloride		0.50		ND	0.1000	0	0	0	100	03/01/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	03/01/2025

Batch R361041		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		1.04	1.000	0	104.3	90	110	03/01/2025
Chloride		0.50		20.0	20.00	0	100.0	90	110	03/01/2025
Sulfate		1.00		19.1	20.00	0	95.3	90	110	03/01/2025

Batch R361041		SampType: MS		Units mg/L						
SampID: 25020177-007BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.8	10.00	0.2890	105.3	80	120	03/02/2025
Chloride		5.00		247	200.0	38.07	104.2	80	120	03/02/2025
Sulfate		10.0		1260	200.0	1042	110.2	80	120	03/02/2025

Batch R361041		SampType: MSD		Units mg/L					RPD Limit 15	
SampID: 25020177-007BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.9	10.00	0.2890	105.8	10.82	0.48	03/02/2025
Chloride		5.00		246	200.0	38.07	104.0	246.5	0.19	03/02/2025
Sulfate		10.0		1250	200.0	1042	105.0	1263	0.82	03/02/2025

Batch R361041		SampType: MS		Units mg/L						
SampID: 25020672-011AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.5	10.00	0.07000	104.1	80	120	03/02/2025
Chloride		5.00		216	200.0	17.15	99.5	80	120	03/02/2025
Sulfate		10.0		552	200.0	345.7	103.0	80	120	03/02/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361041		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25020672-011AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.4	10.00	0.07000	103.3	10.48	0.81	03/02/2025
Chloride		5.00		215	200.0	17.15	99.0	216.1	0.42	03/02/2025
Sulfate		10.0		550	200.0	345.7	102.1	551.6	0.34	03/02/2025

Batch R361041		SampType: MS		Units mg/L							
SampID: 25020672-025AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.50		10.5	10.00	0.1750	102.9	80	120	03/02/2025	
Chloride		5.00		226	200.0	26.45	99.8	80	120	03/02/2025	
Sulfate		10.0		450	200.0	247.8	101.3	80	120	03/02/2025	

Batch R361041		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020672-025AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.5	10.00	0.1750	102.9	10.47	0.04	03/02/2025
Chloride			5.00		225	200.0	26.45	99.3	226.0	0.41	03/02/2025
Sulfate			10.0		449	200.0	247.8	100.4	450.4	0.41	03/02/2025

Batch R361041		SampType: MS		Units mg/L							Date Analyzed
SampID: 25021678-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.50		10.4	10.00	0.05800	103.8	80	120	03/01/2025	
Chloride		5.00		214	200.0	14.34	99.8	80	120	03/01/2025	
Sulfate		10.0		486	200.0	279.5	103.0	80	120	03/01/2025	

Batch R361041		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25021678-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.5	10.00	0.05800	104.5	10.44	0.66	03/01/2025
Chloride			5.00		215	200.0	14.34	100.5	213.9	0.68	03/01/2025
Sulfate			10.0		488	200.0	279.5	104.3	485.5	0.53	03/01/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361041		SampType: MS		Units mg/L						
SampID: 25021684-004AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.8	10.00	0.2430	105.4	80	120	03/01/2025
Chloride		5.00		224	200.0	22.12	101.1	80	120	03/01/2025
Sulfate		10.0		366	200.0	163.6	101.3	80	120	03/01/2025

Batch R361041		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25021684-004AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.8	10.00	0.2430	105.4	10.78	0.08	03/01/2025
Chloride			5.00		225	200.0	22.12	101.3	224.4	0.19	03/01/2025
Sulfate			10.0		366	200.0	163.6	101.2	366.2	0.05	03/01/2025

Batch R361041		SampType: MS		Units mg/L						
SampID: 25021734-002AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.0	10.00	0.6140	104.2	80	120	03/02/2025
Chloride		5.00		419	200.0	197.5	110.8	80	120	03/02/2025
Sulfate		10.0		231	200.0	40.86	95.0	80	120	03/02/2025

Batch R361041		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25021734-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.9	10.00	0.6140	103.1	11.04	1.04	03/02/2025
Chloride			5.00		413	200.0	197.5	107.8	419.0	1.41	03/02/2025
Sulfate			10.0		229	200.0	40.86	93.9	231.0	0.97	03/02/2025

Batch R361041		SampType: MS		Units mg/L						
SampID: 25021906-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		5.00		104	100.0	2.210	102.1	80	120	03/02/2025
Chloride		50.0		5550	2000	3367	109.3	80	120	03/02/2025
Sulfate		100		5470	2000	3417	102.7	80	120	03/02/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361041		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed	
SampID: 25021906-001AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride			5.00		104	100.0	2.210	102.2	104.3	0.12	03/02/2025	
Chloride			50.0		5610	2000	3367	112.1	5553	0.99	03/02/2025	
Sulfate			100		5530	2000	3417	105.6	5472	1.05	03/02/2025	

Batch R361041		SampType: MS		Units mg/L						
SampID: 25021918-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.9	10.00	0.3410	105.2	80	120	03/02/2025
Chloride		5.00		203	200.0	2.838	100.2	80	120	03/02/2025
Sulfate		10.0		274	200.0	77.23	98.4	80	120	03/02/2025

Batch R361041		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25021918-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.9	10.00	0.3410	105.8	10.86	0.53	03/02/2025
Chloride			5.00		203	200.0	2.838	100.3	203.2	0.09	03/02/2025
Sulfate			10.0		274	200.0	77.23	98.6	274.0	0.19	03/02/2025

Batch R361041		SampType: MS		Units mg/L						
SampID: 25022028-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.6	10.00	0.08600	105.4	80	120	03/02/2025
Chloride		5.00		203	200.0	2.416	100.3	80	120	03/02/2025
Sulfate		10.0		297	200.0	98.08	99.4	80	120	03/02/2025

Batch R361041		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25022028-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.7	10.00	0.08600	105.8	10.63	0.38	03/02/2025
Chloride			5.00		203	200.0	2.416	100.5	203.1	0.14	03/02/2025
Sulfate			10.0		298	200.0	98.08	100.1	296.9	0.49	03/02/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361114		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	03/04/2025
Chloride		0.50		ND	0.1000	0	0	0	100	03/04/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	03/04/2025

Batch R361114		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		0.97	1.000	0	97.4	90	110	03/04/2025
Chloride		0.50		19.4	20.00	0	97.0	90	110	03/04/2025
Sulfate		1.00		18.3	20.00	0	91.3	90	110	03/04/2025

Batch R361114		SampType: MS		Units mg/L							Date Analyzed
SampID: 25021540-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		5.00		105	100.0	0	104.6	80	120	03/04/2025	

Batch R361114		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25021540-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		5.00		106	100.0	0	105.5	104.6	0.82	03/04/2025	

Batch R361114		SampType: MS		Units mg/L							Date Analyzed
SampID: 25021654-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		5.00		106	100.0	2.520	103.7	80	120	03/04/2025	

Batch R361114		SampType: MSD		Units mg/L							RPD Limit 15	
SampID: 25021654-001AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride			5.00		107	100.0	2.520	104.3	106.2	0.58	03/04/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R361114		SampType: MS		Units mg/L						
SampID: 25030080-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.4	10.00	0.1270	103.0	80	120	03/04/2025
Chloride		5.00		214	200.0	9.232	102.3	80	120	03/04/2025
Sulfate		10.0		576	200.0	366.9	104.3	80	120	03/04/2025

Batch R361114		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25030080-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		10.4	10.00	0.1270	103.0	10.43	0.00	
Chloride			5.00		213	200.0	9.232	101.8	213.8	0.49	
Sulfate			10.0		575	200.0	366.9	103.9	575.5	0.15	

Batch R361114		SampType: MS		Units mg/L						
SampID: 25030082-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		2.23	2.000	0.1466	104.2	80	120	03/04/2025
Chloride		1.00		51.7	40.00	9.238	106.3	80	120	03/04/2025
Sulfate		2.00	E	414	40.00	379.0	86.9	80	120	03/04/2025

Batch R361114		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25030082-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.10		2.24	2.000	0.1466	104.6	2.231	0.35	
Chloride			1.00		51.9	40.00	9.238	106.7	51.74	0.33	
Sulfate			2.00	E	413	40.00	379.0	85.8	413.7	0.11	

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

Batch 235199		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-235199											
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		
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100		
Potassium		0.100		< 0.100	0.0400	0	0	-100	100		
Sodium		0.0500	S	0.313	0.0180	0	1741	-100	100		



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235199 SampType: LCS Units mg/L

SampID: LCS-235199

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.37	5.000	0	107.4	85	115	02/26/2025
Magnesium		0.0500		4.99	5.000	0	99.8	85	115	02/26/2025
Potassium		0.100		5.25	5.000	0	105.1	85	115	02/26/2025
Sodium		0.0500	B	5.58	5.000	0	111.5	85	115	02/26/2025

Batch 235199 SampType: MS Units mg/L

SampID: 25020672-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	268	5.000	271.0	-63.6	75	125	02/26/2025
Magnesium		0.0500	S	122	5.000	121.4	19.9	75	125	02/26/2025
Potassium		0.100		6.22	5.000	0.9204	105.9	75	125	02/26/2025
Sodium		0.0500	BS	115	5.000	111.7	63.2	75	125	02/26/2025

Batch 235199 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25020672-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	289	5.000	271.0	363.6	267.8	7.67	02/26/2025
Magnesium		0.0500	S	132	5.000	121.4	212.6	122.4	7.57	02/26/2025
Potassium		0.100		6.35	5.000	0.9204	108.6	6.216	2.14	02/26/2025
Sodium		0.0500	BS	120	5.000	111.7	163.4	114.9	4.27	02/26/2025

Batch 235209 SampType: MBLK Units mg/L

SampID: MBLK-235209

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	02/26/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/26/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/26/2025
Sodium		0.0500	S	0.0657	0.0180	0	365.0	-100	100	02/26/2025

Batch 235209 SampType: LCS Units mg/L

SampID: LCS-235209

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.46	5.000	0	109.2	85	115	02/26/2025
Magnesium		0.0500		5.03	5.000	0	100.5	85	115	02/26/2025
Potassium		0.100		5.36	5.000	0	107.2	85	115	02/26/2025
Sodium		0.0500	B	5.47	5.000	0	109.5	85	115	02/26/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235209 SampType: MS Units mg/L

SampID: 25021705-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sodium		0.250	B	16.8	5.000	12.05	95.5	75	125	02/28/2025

Batch 235209 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25021705-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sodium		0.250	B	15.9	5.000	12.05	77.3	16.83	5.55	02/28/2025

Batch 235221 SampType: MBLK Units mg/L

SampID: MBLK-235221

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	02/26/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	02/26/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	02/26/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	02/26/2025

Batch 235221 SampType: LCS Units mg/L

SampID: LCS-235221

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.57	5.000	0	91.3	85	115	02/26/2025
Magnesium		0.0500		4.31	5.000	0	86.2	85	115	02/26/2025
Potassium		0.100		4.71	5.000	0	94.2	85	115	02/26/2025
Sodium		0.0500		4.71	5.000	0	94.3	85	115	02/26/2025

Batch 235221 SampType: MS Units mg/L

SampID: 25020672-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		139	5.000	133.5	104.6	75	125	02/26/2025
Magnesium		0.0500		66.1	5.000	61.33	94.7	75	125	02/26/2025
Potassium		0.100		5.50	5.000	0.5243	99.4	75	125	02/26/2025
Sodium		0.0500		31.6	5.000	26.15	109.2	75	125	02/28/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235221		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25020672-009BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	141	5.000	133.5	141.6	138.7	1.32	02/26/2025
Magnesium		0.0500		67.3	5.000	61.33	119.8	66.07	1.88	02/26/2025
Potassium		0.100		5.56	5.000	0.5243	100.8	5.496	1.23	02/26/2025
Sodium		0.0500		31.4	5.000	26.15	105.4	31.61	0.60	02/28/2025

Batch 235221		SampType: MS		Units mg/L						
SampID: 25020672-038BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	200	5.000	204.3	-85.6	75	125	02/26/2025
Magnesium		0.0500	S	68.0	5.000	66.26	35.8	75	125	02/26/2025
Potassium		1.00		21.0	5.000	16.36	93.3	75	125	02/27/2025
Sodium		0.500	S	285	5.000	292.4	-150.0	75	125	02/28/2025

Batch	235221	SampType:	MSD	Units mg/L				RPD Limit			20
SampID: 25020672-038BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Calcium		0.100	S	203	5.000	204.3	-30.8	200.0	1.36	02/26/2025	
Magnesium		0.0500	S	69.1	5.000	66.26	56.3	68.04	1.50	02/26/2025	
Potassium		1.00		21.3	5.000	16.36	98.0	21.03	1.12	02/27/2025	
Sodium		0.500	S	285	5.000	292.4	-146.0	284.9	0.07	02/28/2025	

Batch 235481		SampType: MBLK		Units mg/L						
SampID: MBLK-235481										
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	03/04/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	03/04/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	03/04/2025

Batch 235481		SampType: LCS		Units mg/L						
SampID: LCS-235481										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.96	5.000	0	99.2	85	115	03/04/2025
Magnesium		0.0500		4.42	5.000	0	88.4	85	115	03/04/2025
Potassium		0.100		5.12	5.000	0	102.4	85	115	03/04/2025



Quality Control Results

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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235481		SampType: MS		Units mg/L							
SampID: 25022118-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Calcium		0.100		65.6	5.000	61.20	87.4	75	125	03/04/2025	
Magnesium		0.0500		36.5	5.000	32.19	86.0	75	125	03/04/2025	

Batch 235481		SampType: MSD		Units mg/L					RPD Limit 20		
SampID: 25022118-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium			0.100	S	63.5	5.000	61.20	46.0	65.57	3.21	03/04/2025
Magnesium			0.0500	S	35.4	5.000	32.19	64.2	36.49	3.03	03/04/2025

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

Batch 235199		SampType: MBLK		Units mg/L							
SampID: MBLK-235199											
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	02/26/2025	
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	02/26/2025	
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	02/26/2025	
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	02/26/2025	
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	02/26/2025	
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	02/26/2025	
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	02/26/2025	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	02/26/2025	
Copper		0.0010		< 0.0010	0.0003	0	0	-100	100	02/27/2025	
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	02/26/2025	
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	02/26/2025	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	02/26/2025	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	02/26/2025	
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	02/26/2025	
Nickel		0.0010		< 0.0010	0.0004	0	0	-100	100	02/26/2025	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	02/26/2025	
Silver		0.0010		< 0.0010	0.0001	0	0	-100	100	02/26/2025	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	02/26/2025	
Vanadium		0.0050		< 0.0050	0.0028	0	0	-100	100	02/26/2025	
Zinc		0.0150		< 0.0150	0.0059	0	0	-100	100	02/27/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235199		SampType: LCS		Units mg/L							
SampID: LCS-235199											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		0.912	1.000	0	91.2	80	120	02/26/2025	
Arsenic		0.0010		1.03	1.000	0	102.9	80	120	02/26/2025	
Barium		0.0010		4.61	4.000	0	115.2	80	120	02/26/2025	
Beryllium		0.0010		0.0917	0.1000	0	91.7	80	120	02/26/2025	
Boron		0.0250		0.926	1.000	0	92.6	80	120	02/26/2025	
Cadmium		0.0010		0.111	0.1000	0	110.5	80	120	02/26/2025	
Chromium		0.0015		0.409	0.4000	0	102.3	80	120	02/26/2025	
Cobalt		0.0010		1.08	1.000	0	108.4	80	120	02/26/2025	
Copper		0.0010		0.493	0.5000	0	98.6	80	120	02/27/2025	
Iron		0.0250		4.00	4.000	0	99.9	80	120	02/26/2025	
Lead		0.0010		1.02	1.000	0	101.6	80	120	02/26/2025	
Lithium	*	0.0030		0.992	1.000	0	99.2	80	120	02/26/2025	
Manganese		0.0020		1.02	1.000	0	102.3	80	120	02/26/2025	
Molybdenum		0.0015		0.949	1.000	0	94.9	80	120	02/26/2025	
Nickel		0.0010		0.989	1.000	0	98.9	80	120	02/26/2025	
Selenium		0.0010		1.02	1.000	0	101.6	80	120	02/26/2025	
Silver		0.0010		0.112	0.1000	0	112.3	80	120	02/26/2025	
Thallium		0.0020		0.467	0.5000	0	93.5	80	120	02/26/2025	
Vanadium		0.0050		0.998	1.000	0	99.8	80	120	02/26/2025	
Zinc		0.0150		1.07	1.000	0	106.5	80	120	02/27/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235199 SampType: MS Units mg/L

SampleID: 25020672-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.934	1.000	0	93.4	75	125	02/26/2025
Arsenic		0.0010		0.996	1.000	0	99.6	75	125	02/26/2025
Barium		0.0010		4.18	4.000	0.1297	101.2	75	125	02/26/2025
Beryllium		0.0010		0.0934	0.1000	0	93.4	75	125	02/26/2025
Boron		0.0250		1.47	1.000	0.6509	81.8	75	125	02/26/2025
Cadmium		0.0010		0.110	0.1000	0	109.9	75	125	02/26/2025
Chromium		0.0015		0.375	0.4000	0	93.7	75	125	02/26/2025
Cobalt		0.0010		0.977	1.000	0	97.7	75	125	02/26/2025
Copper		0.0010		0.428	0.5000	0	85.6	75	125	02/27/2025
Iron		0.0250		3.86	4.000	0.1221	93.5	75	125	02/26/2025
Lead		0.0010		0.964	1.000	0	96.4	75	125	02/26/2025
Manganese		0.0020		1.37	1.000	0.5031	86.8	75	125	02/26/2025
Nickel		0.0010		0.891	1.000	0	89.1	75	125	02/26/2025
Selenium		0.0010		0.974	1.000	0	97.4	75	125	02/26/2025
Silver		0.0010		0.108	0.1000	0	108.2	75	125	02/26/2025
Thallium		0.0020		0.445	0.5000	0	89.0	75	125	02/26/2025
Vanadium		0.0050		0.921	1.000	0	92.1	75	125	02/26/2025
Zinc		0.0150		0.969	1.000	0	96.9	75	125	02/27/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235199		SampType: MSD		Units mg/L			RPD Limit 20			
SampID: 25020672-004BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		0.938	1.000	0	93.8	0.9337	0.42	02/26/2025
Arsenic		0.0010		0.968	1.000	0	96.8	0.9963	2.83	02/26/2025
Barium		0.0010		4.19	4.000	0.1297	101.5	4.176	0.36	02/26/2025
Beryllium		0.0010		0.0920	0.1000	0	92.0	0.09338	1.45	02/26/2025
Boron		0.0250		1.47	1.000	0.6509	81.9	1.469	0.06	02/26/2025
Cadmium		0.0010		0.111	0.1000	0	111.3	0.1099	1.31	02/26/2025
Chromium		0.0015		0.372	0.4000	0	93.1	0.3748	0.71	02/26/2025
Cobalt		0.0010		0.974	1.000	0	97.4	0.9770	0.26	02/26/2025
Copper		0.0010		0.432	0.5000	0	86.4	0.4280	0.88	02/27/2025
Iron		0.0250		3.83	4.000	0.1221	92.6	3.861	0.89	02/26/2025
Lead		0.0010		1.01	1.000	0	100.5	0.9640	4.20	02/26/2025
Manganese		0.0020		1.37	1.000	0.5031	86.2	1.371	0.42	02/26/2025
Nickel		0.0010		0.886	1.000	0	88.6	0.8910	0.59	02/26/2025
Selenium		0.0010		0.951	1.000	0	95.1	0.9739	2.40	02/26/2025
Silver		0.0010		0.109	0.1000	0	109.0	0.1082	0.68	02/26/2025
Thallium		0.0020		0.470	0.5000	0	94.0	0.4449	5.52	02/26/2025
Vanadium		0.0050		0.924	1.000	0	92.4	0.9205	0.35	02/26/2025
Zinc		0.0150		0.976	1.000	0	97.6	0.9689	0.69	02/27/2025

Batch 235199		SampType: MS		Units mg/L						
SampID: 25020672-019BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	SE	1.40	1.000	0	139.9	75	125	02/26/2025
Arsenic		0.0010	S	1.32	1.000	0.0004353	132.3	75	125	02/26/2025
Barium		0.0010		3.50	4.000	0.02551	86.8	75	125	02/27/2025
Beryllium		0.0010		0.125	0.1000	0	124.6	75	125	02/26/2025
Boron		0.0250	S	7.19	1.000	6.480	71.4	75	125	02/27/2025
Cadmium		0.0010	S	0.162	0.1000	0	162.2	75	125	02/26/2025
Chromium		0.0015	S	0.503	0.4000	0	125.7	75	125	02/26/2025
Cobalt		0.0010	S	1.28	1.000	0.0005166	128.3	75	125	02/26/2025
Lead		0.0010	S	1.32	1.000	0	131.6	75	125	02/26/2025
Lithium	*	0.0030		0.954	1.000	0.005657	94.8	75	125	02/28/2025
Molybdenum		0.0015		0.786	1.000	0	78.6	75	125	02/27/2025
Selenium		0.0010	S	1.31	1.000	0	131.4	75	125	02/26/2025
Thallium		0.0020		0.614	0.5000	0	122.7	75	125	02/26/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235199		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25020672-019BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		1.20	1.000	0	120.1	1.399	15.31	02/26/2025
Arsenic		0.0010	S	1.29	1.000	0.0004353	128.6	1.324	2.84	02/26/2025
Barium		0.0010		3.77	4.000	0.02551	93.5	3.499	7.34	02/27/2025
Beryllium		0.0010		0.121	0.1000	0	120.5	0.1246	3.35	02/26/2025
Boron		0.0250		7.67	1.000	6.480	119.0	7.194	6.40	02/27/2025
Cadmium		0.0010	S	0.151	0.1000	0	150.7	0.1622	7.37	02/26/2025
Chromium		0.0015		0.479	0.4000	0	119.7	0.5027	4.91	02/26/2025
Cobalt		0.0010		1.24	1.000	0.0005166	124.3	1.284	3.14	02/26/2025
Lead		0.0010		1.25	1.000	0	124.8	1.316	5.29	02/26/2025
Lithium	*	0.0030		1.00	1.000	0.005657	99.6	0.9538	4.91	02/28/2025
Molybdenum		0.0015		0.848	1.000	0	84.8	0.7857	7.64	02/27/2025
Selenium		0.0010	S	1.27	1.000	0	126.9	1.314	3.46	02/26/2025
Thallium		0.0020		0.585	0.5000	0	116.9	0.6137	4.86	02/26/2025

Batch 235209		SampType: MBLK		Units mg/L						
SampleID: MBLK-235209										
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	02/26/2025
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	02/26/2025
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	02/26/2025
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	02/28/2025
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	02/27/2025
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	02/26/2025
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	02/26/2025
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	02/28/2025
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	02/26/2025
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	02/28/2025
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	02/27/2025
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	02/26/2025
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	02/26/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235209 SampType: LCS Units mg/L

SampID: LCS-235209

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.908	1.000	0	90.8	80	120	02/26/2025
Arsenic		0.0010		0.990	1.000	0	99.0	80	120	02/26/2025
Barium		0.0010		4.09	4.000	0	102.2	80	120	02/26/2025
Beryllium		0.0010		0.107	0.1000	0	106.7	80	120	02/28/2025
Boron		0.0250		0.934	1.000	0	93.4	80	120	02/27/2025
Cadmium		0.0010		0.108	0.1000	0	108.1	80	120	02/26/2025
Chromium		0.0015		0.377	0.4000	0	94.3	80	120	02/26/2025
Cobalt		0.0010		0.957	1.000	0	95.7	80	120	02/28/2025
Lead		0.0010		0.997	1.000	0	99.7	80	120	02/26/2025
Lithium	*	0.0030		1.11	1.000	0	111.1	80	120	02/28/2025
Molybdenum		0.0015		0.882	1.000	0	88.2	80	120	02/27/2025
Selenium		0.0010		0.995	1.000	0	99.5	80	120	02/26/2025
Thallium		0.0020		0.459	0.5000	0	91.8	80	120	02/26/2025

Batch 235209 SampType: MS Units mg/L

SampID: 25021705-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.882	1.000	0	88.2	75	125	02/26/2025
Thallium		0.0020		0.437	0.5000	0	87.3	75	125	02/26/2025

Batch 235209 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25021705-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		0.833	1.000	0	83.3	0.8821	5.77	02/26/2025
Thallium		0.0020		0.416	0.5000	0	83.1	0.4366	4.94	02/26/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235221 SampType: MBLK Units mg/L

SampleID: MBLK-235221

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	02/26/2025
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	02/27/2025
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	02/26/2025
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	02/28/2025
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	02/27/2025
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	02/27/2025
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	02/28/2025
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	02/28/2025
Copper		0.0010		< 0.0010	0.0003	0	0	-100	100	02/28/2025
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	02/28/2025
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	02/27/2025
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	02/28/2025
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	02/26/2025
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	02/27/2025
Nickel		0.0010		< 0.0010	0.0004	0	0	-100	100	02/28/2025
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	02/26/2025
Silver		0.0010		< 0.0010	0.0001	0	0	-100	100	02/27/2025
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	02/26/2025
Vanadium		0.0050		< 0.0050	0.0028	0	0	-100	100	02/28/2025
Zinc		0.0150		< 0.0150	0.0059	0	0	-100	100	02/27/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235221 SampType: LCS Units mg/L

SampleID: LCS-235221

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.898	1.000	0	89.8	80	120	02/26/2025
Arsenic		0.0010		0.913	1.000	0	91.3	80	120	02/27/2025
Barium		0.0010		3.90	4.000	0	97.4	80	120	02/26/2025
Beryllium		0.0010		0.104	0.1000	0	104.2	80	120	02/28/2025
Boron		0.0250		0.876	1.000	0	87.6	80	120	02/27/2025
Cadmium		0.0010		0.107	0.1000	0	107.5	80	120	02/27/2025
Chromium		0.0015		0.415	0.4000	0	103.6	80	120	02/28/2025
Cobalt		0.0010		0.986	1.000	0	98.6	80	120	02/28/2025
Copper		0.0010		0.486	0.5000	0	97.1	80	120	02/28/2025
Iron		0.0250		3.95	4.000	0	98.8	80	120	02/28/2025
Lead		0.0010		0.965	1.000	0	96.5	80	120	02/27/2025
Lithium	*	0.0030		1.08	1.000	0	107.9	80	120	02/28/2025
Manganese		0.0020		0.893	1.000	0	89.3	80	120	02/26/2025
Molybdenum		0.0015		0.854	1.000	0	85.4	80	120	02/27/2025
Nickel		0.0010		0.999	1.000	0	99.9	80	120	02/28/2025
Selenium		0.0010		0.957	1.000	0	95.7	80	120	02/26/2025
Silver		0.0010		0.107	0.1000	0	106.9	80	120	02/27/2025
Thallium		0.0020		0.434	0.5000	0	86.7	80	120	02/26/2025
Vanadium		0.0050		1.01	1.000	0	100.6	80	120	02/28/2025
Zinc		0.0150		0.961	1.000	0	96.1	80	120	02/27/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235221 SampType: MS Units mg/L

SampleID: 25020672-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.882	1.000	0	88.2	75	125	02/26/2025
Arsenic		0.0010		0.967	1.000	0	96.7	75	125	02/27/2025
Barium		0.0010		3.89	4.000	0.02162	96.6	75	125	02/26/2025
Beryllium		0.0010		0.105	0.1000	0	104.7	75	125	02/28/2025
Boron		0.500		1.91	1.000	1.063	84.9	75	125	02/27/2025
Boron		0.0250		2.08	1.000	0.8916	118.6	75	125	02/28/2025
Cadmium		0.0010		0.111	0.1000	0	110.6	75	125	02/27/2025
Chromium		0.0015		0.400	0.4000	0	99.9	75	125	02/28/2025
Cobalt		0.0010		0.928	1.000	0.0007590	92.7	75	125	02/28/2025
Copper		0.0010		0.461	0.5000	0.0008143	92.0	75	125	02/28/2025
Iron		0.0250		3.86	4.000	0	96.6	75	125	02/28/2025
Lead		0.0010		1.01	1.000	0	101.0	75	125	02/27/2025
Lithium	*	0.0030		1.11	1.000	0.002548	110.3	75	125	02/28/2025
Manganese		0.0400		5.25	1.000	4.391	86.4	75	125	02/27/2025
Molybdenum		0.0015		0.894	1.000	0	89.4	75	125	02/27/2025
Nickel		0.0010		0.931	1.000	0.001664	92.9	75	125	02/28/2025
Selenium		0.0010		0.944	1.000	0	94.4	75	125	02/26/2025
Silver		0.0010		0.108	0.1000	0	108.2	75	125	02/27/2025
Thallium		0.0020		0.441	0.5000	0	88.3	75	125	02/26/2025
Vanadium		0.0050		1.01	1.000	0	100.8	75	125	02/28/2025
Zinc		0.0150		0.977	1.000	0	97.7	75	125	02/27/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch	235221	SampType:	MSD	Units	mg/L	RPD Limit 20				
SampleID:		25020672-009BMSD								
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		0.890	1.000	0	89.0	0.8816	0.98	02/26/2025
Arsenic		0.0010		0.927	1.000	0	92.7	0.9671	4.21	02/27/2025
Barium		0.0010		3.89	4.000	0.02162	96.6	3.887	0.01	02/26/2025
Beryllium		0.0010		0.0966	0.1000	0	96.6	0.1047	8.03	02/28/2025
Boron		0.500		1.86	1.000	1.063	79.7	1.912	2.75	02/28/2025
Boron		0.0250		1.93	1.000	0.8916	103.6	2.078	7.48	02/28/2025
Cadmium		0.0010		0.110	0.1000	0	110.3	0.1106	0.23	02/27/2025
Chromium		0.0015		0.396	0.4000	0	99.1	0.3996	0.80	02/28/2025
Cobalt		0.0010		0.923	1.000	0.0007590	92.2	0.9276	0.48	02/28/2025
Copper		0.0010		0.453	0.5000	0.0008143	90.4	0.4608	1.78	02/28/2025
Iron		0.0250		3.77	4.000	0	94.2	3.864	2.46	02/28/2025
Lead		0.0010		0.997	1.000	0	99.7	1.010	1.30	02/27/2025
Lithium	*	0.0030		1.04	1.000	0.002548	103.9	1.106	6.02	02/28/2025
Manganese		0.0400		5.32	1.000	4.391	92.4	5.255	1.14	02/28/2025
Molybdenum		0.0015		0.878	1.000	0	87.8	0.8936	1.81	02/27/2025
Nickel		0.0010		0.904	1.000	0.001664	90.2	0.9310	2.93	02/28/2025
Selenium		0.0010		0.909	1.000	0	90.9	0.9437	3.75	02/26/2025
Silver		0.0010		0.107	0.1000	0	107.2	0.1082	0.93	02/27/2025
Thallium		0.0020		0.438	0.5000	0	87.6	0.4413	0.71	02/26/2025
Vanadium		0.0050		0.954	1.000	0	95.4	1.008	5.57	02/28/2025
Zinc		0.0150		0.927	1.000	0	92.7	0.9771	5.24	02/27/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235221 SampType: MS Units mg/L

SampleID: 25020672-038BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.981	1.000	0	98.1	75	125	02/27/2025
Arsenic		0.0040		0.924	1.000	0.05514	86.9	75	125	02/28/2025
Barium		0.0010		4.68	4.000	0.09691	114.5	75	125	02/26/2025
Beryllium		0.0010		0.0923	0.1000	0.0002886	92.1	75	125	02/28/2025
Cadmium		0.0010		0.103	0.1000	0.001782	101.4	75	125	02/28/2025
Chromium		0.0015		0.360	0.4000	0.003141	89.2	75	125	02/28/2025
Cobalt		0.0040		0.896	1.000	0.008194	88.8	75	125	02/28/2025
Lead		0.0010		1.01	1.000	0	101.2	75	125	02/27/2025
Lithium	*	0.0030		1.00	1.000	0.02752	97.4	75	125	02/28/2025
Molybdenum		0.0060		0.905	1.000	0.05849	84.7	75	125	02/28/2025
Selenium		0.0040		0.848	1.000	0.004409	84.3	75	125	02/28/2025
Thallium		0.0020		0.440	0.5000	0	88.0	75	125	02/26/2025

Batch 235221 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25020672-038BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		0.942	1.000	0	94.2	0.9814	4.10	02/27/2025
Arsenic		0.0040		0.909	1.000	0.05514	85.3	0.9237	1.66	02/28/2025
Barium		0.0010		4.62	4.000	0.09691	113.0	4.676	1.28	02/26/2025
Beryllium		0.0010		0.0880	0.1000	0.0002886	87.7	0.09235	4.82	02/28/2025
Cadmium		0.0010		0.0981	0.1000	0.001782	96.3	0.1031	5.03	02/28/2025
Chromium		0.0015		0.342	0.4000	0.003141	84.8	0.3601	5.09	02/28/2025
Cobalt		0.0040		0.881	1.000	0.008194	87.3	0.8960	1.70	02/28/2025
Lead		0.0010		0.983	1.000	0	98.3	1.012	2.95	02/27/2025
Lithium	*	0.0030		0.958	1.000	0.02752	93.1	1.002	4.41	02/28/2025
Molybdenum		0.0060		0.884	1.000	0.05849	82.6	0.9054	2.39	02/28/2025
Selenium		0.0040		0.845	1.000	0.004409	84.1	0.8477	0.32	02/28/2025
Thallium		0.0020		0.434	0.5000	0	86.9	0.4399	1.27	02/26/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235481		SampType: MBLK		Units mg/L							
SampID: MBLK-235481											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	03/05/2025	
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	03/05/2025	
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	03/05/2025	
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	03/05/2025	
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	03/05/2025	
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	03/05/2025	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	03/05/2025	
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	03/05/2025	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	03/05/2025	
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	03/05/2025	
Nickel		0.0010		< 0.0010	0.0004	0	0	-100	100	03/05/2025	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	03/05/2025	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	03/05/2025	

Batch 235481		SampType: LCS		Units mg/L							
SampID: LCS-235481											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		1.03	1.000	0	103.3	85	115	03/05/2025	
Arsenic		0.0010		0.899	1.000	0	89.9	85	115	03/05/2025	
Beryllium		0.0010		0.0905	0.1000	0	90.5	85	115	03/05/2025	
Boron		0.0250		0.980	1.000	0	98.0	80	120	03/05/2025	
Cadmium		0.0010		0.0990	0.1000	0	99.0	85	115	03/05/2025	
Chromium		0.0015		0.358	0.4000	0	89.5	85	115	03/05/2025	
Cobalt		0.0010		0.888	1.000	0	88.8	85	115	03/05/2025	
Lead		0.0010	E	0.891	1.000	0	89.1	85	115	03/05/2025	
Lithium	*	0.0030		0.945	1.000	0	94.5	85	115	03/05/2025	
Molybdenum		0.0015		0.936	1.000	0	93.6	85	115	03/05/2025	
Nickel		0.0010		0.882	1.000	0	88.2	85	115	03/05/2025	
Selenium		0.0010		0.980	1.000	0	98.0	85	115	03/05/2025	
Thallium		0.0020		0.446	0.5000	0	89.1	85	115	03/05/2025	

Batch 235481		SampType: MS		Units mg/L							
SampID: 25020672-038BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Boron		0.0250	S	3.97	1.000	3.561	40.7	75	125	03/05/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

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

Batch 235481		SampType: MSD		Units mg/L				RPD Limit 20			
SampID: 25020672-038BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron			0.0250	S	3.86	1.000	3.561	29.9	3.968	2.75	03/05/2025

Batch 235885		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-235885											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	03/14/2025	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	03/14/2025	

Batch 235885		SampType: LCS		Units mg/L							
SampID: LCS-235885											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium		0.0010		1.01	1.000	0	101.1	85	115	03/14/2025	

SW-846 7470A (TOTAL)

Batch 235197		SampType: MBLK		Units mg/L							Date Analyzed	
SampID: MBLK-235197												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	02/26/2025		

Batch 235197		SampType: LCS		Units mg/L							
SampID: LCS-235197											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00462	0.0050	0	92.4	85	115		
											02/26/2025

Batch 235197		SampType: MS		Units mg/L							
SampID: 25020672-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00466	0.0050	0	93.3	75	125	02/26/2025	

Batch 235197		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020672-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00463	0.0050	0	92.6	0.004663	0.65	02/26/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW-846 7470A (TOTAL)

Batch 235197		SampType: MS		Units mg/L						
SampID: 25020672-035BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00462	0.0050	0	92.5	75	125	02/26/2025

Batch 235197		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020672-035BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00457	0.0050	0	91.4	0.004623	1.09	02/26/2025

Batch 235213		SampType: MBLK		Units mg/L							
SampID: MBLK-235213											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	02/26/2025	

Batch 235213		SampType: LCS		Units mg/L								
SampID: LCS-235213												Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury			0.00020		0.00460	0.0050	0	92.0	85	115	02/26/2025	

Batch 235213		SampType: MS		Units mg/L							
SampID: 25020672-037BMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.00020		0.00394	0.0050	0	78.8	75	125	02/26/2025	

Batch 235213		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020672-037BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00385	0.0050	0	76.9	0.003940	2.41	02/26/2025

Batch 235255		SampType: MBLK		Units mg/L							
SampID: MBLK-235255											
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	02/27/2025	

Batch 235255		SampType: LCS		Units mg/L							
SampID: LCS-235255											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00445	0.0050	0	88.9	85	115	02/27/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

SW-846 7470A (TOTAL)

Batch 235255		SampType: MS		Units mg/L							
SampID: 25020672-011BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00446	0.0050	0	89.2	75	125	02/27/2025	

Batch 235255		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25020672-011BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00444	0.0050	0	88.7	0.004461	0.55	02/27/2025	

Batch 235255		SampType: MS		Units mg/L							
SampID: 25021723-001BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020	S	0.00354	0.0050	0	70.7	75	125	02/27/2025	

Batch 235255		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25021723-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020	S	0.00342	0.0050	0	68.3	0.003536	3.44	02/27/2025



Receiving Check List

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

Client: Ramboll

Work Order: 25020672

Client Project: KIN-25Q1

Report Date: 19-Mar-25

Carrier: Daniel Crump

Received By: LEH

Completed by:

Reviewed by:

On:

On:

25-Feb-25

25-Feb-25

Laura E Henson

Ellie Hopkins

Pages to follow:

Chain of custody

6

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 7.5

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.

pH strip #101358/98858. - lhenson - 2/25/2025 8:04:35 AM

Temp 8.5C, 10.5C, 10.9C LTG #5 LH 2/25/25

Samples were received on 2/25/25 at 13.25 on ice [temp9.1C, 10.9C, 13.9C - LTG#9]. pH#101358/98858. - lhenson - 2/25/2025 2:58:58 PM

25020672

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 3	
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 STATE: IL	
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 SOL/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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Justin Gelp		DATE Signed (MM/DD/YY): 2-24-25	
SIGNATURE of SAMPLER: [Signature]			

Temp 7.5
8.5
10.5
10.9
U95
Wt 2/25/25
pH 10.3581/98858

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

Page: 2 of 3

ITEM #	Section D Required Client Information	Valid Matrix Codes <u>MATRIX</u> DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/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								$\downarrow$ Analysis Test $\uparrow$	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-620-141	KIN-845-141	KIN-NE-141											
1	MW-23		WT	G	2-24-25	1158		2	1		1						X	X													25020672-017	
2	MW-27		WT	G				2	1		1						X	X													25020672-018	
3	MW-28		WT	G	2-24-25	1401		2	1		1						X	X													25020672-019	
4	MW-30		WT	G	2-24-25	1300		2	1		1						X	X													25020672-020	
5	MW-31		WT	G	2-24-25	1140		2	1		1						X	X													25020672-021	
6	MW-31S		WT	G	2-24-25	1218		2	1		1						X	X													25020672-022	
7	MW-32		WT	G	2-24-25	1108		2	1		1						X	X													25020672-023	
8	MW-33S		WT	G				2	1		1								X													25020672-024
9	MW-34S		WT	G				2	1		1								X													25020672-025
10	MW-35S		WT	G				2	1		1								X													25020672-026
11	PZ-4C		WT	G	2-24-25	1318		2	1		1						X	X														25020672-027
12	SG-02		WT	G				0									X	X														25020672-028
13	XPW01		WT	G				2	1		1						X	X														25020672-029
14	XPW02		WT	G				2	1		1						X	X														25020672-030
15	XPW03		WT	G				2	1		1						X	X														25020672-031
16	XPW04		WT	G				2	1		1						X	X														25020672-032
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																			
KIN-25Q1 Rev 0			21 SD			2-24	1615	ZHA			2/24	1615	> z																			

Confidential

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

Invoice Information:

Company: Vistra Corp-Kincaid		Report To: Brian Voelker	Attention: Brian Voelker, Tim Arnold	REGULATORY AGENCY		
Address: 199 IL 104 Kincaid, IL 62540		Copy To: Tim Arnold: Tim.Arnold@vistracorp.com	Company Name: Vistra Corp			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:	Address: see Section A	NPDES	GROUND WATER	DRINKING WATER
Phone: (217) 753-8911 Fax:		Project Name:	Quote Reference:	UST	RCRA	OTHER
Requested Due Date/TAT: 10 day		Project Number:	Project Manager:	Site Location	IL	
			Profile #:	STATE:		

[illegible]

DATE Signed (MM/DD/YY): 7-24-25

Samples
Intact (Y/N)

25020672

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 3	
Company: Vistra Corp-Kincaid		Report To: Brian Voelker		Attention: Brian Voelker, Tim Arnold		REGULATORY AGENCY	
Address: 199 IL 104		Copy To: Tim Arnold: Tim.Arnold@vistracorp.com		Company Name: Vistra Corp			
Kincaid, IL 62540				Address: see Section A		NPDES GROUND WATER DRINKING WATER	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		UST RCRA OTHER	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		Site Location	
Requested Due Date/TAT: 10 day		Project Number:		Profile #:		STATE: IL	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOLUSOLID 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	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Justin Gelp		DATE Signed (MM/DD/YY): 2-25-25	
SIGNATURE of SAMPLER: Justin Gelp			

Confidential

13.9 Ice #9
10.9 PH 101358
9.1 .98858
JD 2/25/25

25020672

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 3	
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 SOLIDS/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-620-141	KIN-845-141	KIN-NE-141																		
1	MW-23	WT	G				2	1	1							X	X																			25020672-017			
2	MW-27	WT	G			2-25-25	950	2	1	1						X	X																		25020672-018				
3	MW-28	WT	G					2	1	1						X	X																		25020672-019				
4	MW-30	WT	G					2	1	1						X	X																		25020672-020				
5	MW-31	WT	G					2	1	1						X	X																		25020672-021				
6	MW-31S	WT	G					2	1	1						X	X																		25020672-022				
7	MW-32	WT	G					2	1	1						X	X																		25020672-023				
8	MW-33S	WT	G			2-25-25	1134	2	1	1									X																25020672-024				
9	MW-34S	WT	G			2-25-25	1107	2	1	1									X																25020672-025				
10	MW-35S	WT	G			2-25-25	1035	2	1	1									X																25020672-026				
11	PZ-4C	WT	G					2	1	1						X	X																		25020672-027				
12	SG-02	WT	G					0								X	X																		25020672-028				
13	XPW01	WT	G			2-25-25	1123	2	1	1						X	X																		25020672-029				
14	XPW02	WT	G			2-25-25	1047	2	1	1						X	X																		25020672-030				
15	XPW03	WT	G			2-25-25	1005	2	1	1						X	X																		25020672-031				
16	XPW04	WT	G			2-25-25	970	2	1	1						X	X																		25020672-032				
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS																													
KIN-25Q1 Rev 0		2-25		2-25	1325	2-25		1325	>		z																												

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: <i>Justin Colp</i>					
DATE Signed (MM/DD/YY): 2-25-25					

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

Page: 3 of 3

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	SIGNATURE of SAMPLER:  DATE Signed (MM/DD/YY): 7-25-25				

April 01, 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-25Q1

WorkOrder: 25020673

Dear Eric Bauer:

TEKLAB, INC received 34 samples on 2/25/2025 1:25:00 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: 25020673

Client Project: KIN-25Q1

Report Date: 01-Apr-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	37
Receiving Check List	38
Chain of Custody	Appended

Definitions

<http://www.teklabinc.com/>**Client:** Ramboll**Work Order:** 25020673**Client Project:** KIN-25Q1**Report Date:** 01-Apr-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: 25020673

Client Project: KIN-25Q1

Report Date: 01-Apr-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: 25020673

Client Project: KIN-25Q1

Report Date: 01-Apr-25

Cooler Receipt Temp: 7.5 °C

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

MW-08S was dry.

Equipment Blanks were not required.

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

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:** 25020673**Client Project:** KIN-25Q1**Report Date:** 01-Apr-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	4/30/2025	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			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-001
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-01
Collection Date: 02/24/2025 13:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 12:38	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-002
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-02
Collection Date: 02/24/2025 10:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 12:38	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-003
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-03
Collection Date: 02/24/2025 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:44	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-004
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-04
Collection Date: 02/24/2025 14:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/28/2025 10:18	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-005
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-05
Collection Date: 02/24/2025 13:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:42	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-006
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-06
Collection Date: 02/24/2025 12:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:44	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-007
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25

Client Sample ID: MW-07

Collection Date: 02/24/2025 13:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:44	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-008
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-07S
Collection Date: 02/24/2025 14:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:44	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-009
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-08
Collection Date: 02/25/2025 10:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:45	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-011
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-09
Collection Date: 02/25/2025 9:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:46	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-012
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-10
Collection Date: 02/25/2025 9:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:46	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-013
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-11
Collection Date: 02/24/2025 11:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:46	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-014
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-12
Collection Date: 02/24/2025 13:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:46	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-015
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-20
Collection Date: 02/24/2025 10:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/21/2025 14:46	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-016
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-20S
Collection Date: 02/24/2025 10:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 12:11	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-017
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-23
Collection Date: 02/24/2025 11:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 12:11	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-018
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-27
Collection Date: 02/25/2025 9:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 12:11	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-019
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-28
Collection Date: 02/24/2025 14:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 12:18	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-020
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-30
Collection Date: 02/24/2025 13:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 12:18	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-021
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-31
Collection Date: 02/24/2025 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	03/24/2025 12:18	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-022
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-31S
Collection Date: 02/24/2025 12:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 12:18	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-023
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-32
Collection Date: 02/24/2025 11:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 14:18	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-024
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-33S
Collection Date: 02/25/2025 11:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 14:18	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-025
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-34S
Collection Date: 02/25/2025 11:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 14:18	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-026
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-35S
Collection Date: 02/25/2025 10:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 14:07	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-027
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: PZ-4C
Collection Date: 02/24/2025 13:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 14:08	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-028
Matrix: AQUEOUS

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: Field Blank
Collection Date: 02/25/2025 11:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 14:08	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-029
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-01 Duplicate
Collection Date: 02/24/2025 13:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 14:08	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-030
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-09 Duplicate
Collection Date: 02/25/2025 9:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	03/24/2025 14:09	R362655



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-25Q1
Lab ID: 25020673-031
Matrix: GROUNDWATER

Work Order: 25020673
Report Date: 01-Apr-25
Client Sample ID: MW-31 Duplicate
Collection Date: 02/24/2025 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	03/24/2025 14:09	R362655



Sample Summary

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

Client: Ramboll
Client Project: KIN-25Q1

Work Order: 25020673
Report Date: 01-Apr-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25020673-001	MW-01	Groundwater	1	02/24/2025 13:55
25020673-002	MW-02	Groundwater	1	02/24/2025 10:22
25020673-003	MW-03	Groundwater	1	02/24/2025 12:42
25020673-004	MW-04	Groundwater	1	02/24/2025 14:33
25020673-005	MW-05	Groundwater	1	02/24/2025 13:52
25020673-006	MW-06	Groundwater	1	02/24/2025 12:43
25020673-007	MW-07	Groundwater	1	02/24/2025 13:20
25020673-008	MW-07S	Groundwater	1	02/24/2025 14:25
25020673-009	MW-08	Groundwater	1	02/25/2025 10:25
25020673-010	MW-08S	Groundwater	1	02/25/2025 0:00
25020673-011	MW-09	Groundwater	1	02/25/2025 9:11
25020673-012	MW-10	Groundwater	1	02/25/2025 9:49
25020673-013	MW-11	Groundwater	1	02/24/2025 11:07
25020673-014	MW-12	Groundwater	1	02/24/2025 13:36
25020673-015	MW-20	Groundwater	1	02/24/2025 10:34
25020673-016	MW-20S	Groundwater	1	02/24/2025 10:09
25020673-017	MW-23	Groundwater	1	02/24/2025 11:58
25020673-018	MW-27	Groundwater	1	02/25/2025 9:50
25020673-019	MW-28	Groundwater	1	02/24/2025 14:01
25020673-020	MW-30	Groundwater	1	02/24/2025 13:00
25020673-021	MW-31	Groundwater	1	02/24/2025 11:40
25020673-022	MW-31S	Groundwater	1	02/24/2025 12:18
25020673-023	MW-32	Groundwater	1	02/24/2025 11:08
25020673-024	MW-33S	Groundwater	1	02/25/2025 11:34
25020673-025	MW-34S	Groundwater	1	02/25/2025 11:07
25020673-026	MW-35S	Groundwater	1	02/25/2025 10:35
25020673-027	PZ-4C	Groundwater	1	02/24/2025 13:18
25020673-028	Field Blank	Aqueous	1	02/25/2025 11:11
25020673-029	MW-01 Duplicate	Groundwater	1	02/24/2025 13:55
25020673-030	MW-09 Duplicate	Groundwater	1	02/25/2025 9:11
25020673-031	MW-31 Duplicate	Groundwater	1	02/24/2025 11:40
25020673-032	Equipment Blank 1	Aqueous	1	
25020673-033	Equipment Blank 2	Aqueous	1	
25020673-034	Equipment Blank 3	Aqueous	1	



Receiving Check List

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

Client: Ramboll

Work Order: 25020673

Client Project: KIN-25Q1

Report Date: 01-Apr-25

Carrier: Daniel Crump

Received By: LEH

Completed by:

On:

25-Feb-25

Laura E Henson

Reviewed by:

On:

26-Feb-25

Ellie Hopkins

Pages to follow:

Chain of custody

6

Extra pages included

35

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 7.5

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.

pH strip #101358. -JD/ lhenson - 2/25/2025 8:06:32 AM

Additional nitric acid (102194) preservative was needed upon arrival at the laboratory for MW05, MW12, MW07S, MW31S, PZ-4C. - lhenson - 2/25/2025 8:06:35 AM

Temp 7.5C, 8.5C, 10.5C, 10.9C LTG #9. LH 2/25/25

Samples were received on 2/25/25 at 13.25 on ice [temp 13.9C, 10.9C, 9.1C - LTG#9]. pH#101358. Added nitric acid (102194) to MW27. - DS/lhenson - 2/25/2025 5:12:43 PM

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

Page: 1 of 3

Page: 1 of 3

Page: 1 of 3Page: 1 of 3Page: 1 of 3

Term 7.5

PIA 101358

MW-12 - 2/2

MW-07S 7/2
MW-31S 2/2

P7-40

50

2/25/25

7.5

8.5

10.5

109

100

1769

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

Invoice Information:

Page: 2 of 3

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		REGULATORY AGENCY		
Kincaid, IL 62540				Address: see Section A				
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		NPDES	GROUND WATER	DRINKING WATER
Phone: (217) 753-8911		Fax:		Project Name:		UST	RCRA	OTHER
Requested Due Date/TAT: 10 day		Project Number:		Project Manager:		Site Location	IL	
				Profile #:		STATE:		

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/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-620-141	KIN-845-141	KIN-NE-141									Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-23	WT G	2-24-25	1158	2		2									X	X													25020673-017	
2	MW-27	WT G	2-24-25	1401	2		2									X	X													25020673-018	
3	MW-28	WT G	2-24-25	1300	2		2									X	X													25020673-019	
4	MW-30	WT G	2-24-25	1140	2		2									X	X													25020673-020	
5	MW-31	WT G	2-24-25	1118	2		2									X	X													25020673-021	
6	MW-31S	WT G	2-24-25	1108	2		2									X	X													25020673-022	
7	MW-32	WT G	2-24-25		2		2									X	X													25020673-023	
8	MW-33S	WT G			2		2											X												25020673-024	
9	MW-34S	WT G			2		2											X												25020673-025	
10	MW-35S	WT G			2		2											X												25020673-026	
11	PZ-4C	WT G	2-24-25	1318	2		2									X	X													25020673-027	
12	SG-02	WT G			0											X	X													N/A	
13	XPW01	WT G			0											X	X													N/A	
14	XPW02	WT G			0											X	X													N/A	
15	XPW03	WT G			0											X	X													N/A	
16	XPW04	WT G			0											X	X													N/A	
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS																				
KIN-25Q1 Rev 0			2-24		2-24	1615	2-24		2-24	1615	> z																				

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): 7-24-25				

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

Page: 3 of 3

[illegible][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 Gelp					
SIGNATURE of SAMPLER: Justin G	DATE Signed (MM/DD/YY): 2-24-25				

25020673 KIN 845-141

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 3	
Company: Vistra Corp-Kincaid		Report To: Brian Voelker		Attention: Brian Voelker, Tim Arnold		REGULATORY AGENCY	
Address: 199 IL 104		Copy To: Tim Arnold: Tim.Arnold@vistracorp.com		Company Name: Vistra Corp			
Kincaid, IL 62540				Address: see Section A		NPDES GROUND WATER DRINKING WATER	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		UST RCRA OTHER	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		Site Location	
Requested Due Date/TAT: 10 day		Project Number:		Profile #:		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 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-620-141	KIN-845-141	KIN-NE-141																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Justin Cap		DATE Signed (MM/DD/YY): 2-25-25	
SIGNATURE of SAMPLER: [Signature]			

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Phw 101358 Temp 13.9 10.9 LTB 9
HNO3 (102144) added 9.1 9.1
to MW 27
2/25/25

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

Section 3
Invoice Information:

Page: 2 of 3

Company: Vistra Corp-Kincaid		Report To: Brian Voelker	Attention: Brian Voelker, Tim Arnold	REGULATORY AGENCY		
Address: 199 IL 104		Copy To: Tim Arnold: Tim.Arnold@vistracorp.com	Company Name: Vistra Corp			
Kincaid, IL 62540			Address: see Section A	NPDES	GROUND WATER	DRINKING WATER
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:	Quote Reference:	UST	RCRA	OTHER
Phone: (217) 753-8911	Fax:	Project Name:	Project Manager:	Site Location	IL	
Requested Due Date/TAT: 10 day		Project Number:	Profile #:	STATE:		

ITEM #	Section D Required Client Information	Valid Matrix Codes <u>MATRIX</u> <u>CODE</u> DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL CIL 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							$\downarrow$ Analysis Test $\downarrow$	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-620-141	KIN-845-141	KIN-NE-141	Residual Chlorine (Y/N)	Project No./ Lab I.D.					
1	MW-23		WT	G				2			2				X	X										25020673-017		
2	MW-27		WT	G	2-25-25	950		2			2				X	X										25020673-018		
3	MW-28		WT	G				2			2				X	X										25020673-019		
4	MW-30		WT	G				2			2				X	X										25020673-020		
5	MW-31		WT	G				2			2				X	X										25020673-021		
6	MW-31S		WT	G				2			2				X	X										25020673-022		
7	MW-32		WT	G				2			2				X	X										25020673-023		
8	MW-33S		WT	G	2-25-25	1134		2			2						X									25020673-024		
9	MW-34S		WT	G	2-25-25	1107		2			2						X									25020673-025		
10	MW-35S		WT	G	2-25-25	1035		2			2						X									25020673-026		
11	PZ-4C		WT	G				2			2				X	X										25020673-027		
12	SG-02		WT	G				0							X	X										N/A		
13	XPW01		WT	G	2-25-25	1123		0							X	X										N/A		
14	XPW02		WT	G	2-25-25	1047		0							X	X										N/A		
15	XPW03		WT	G	2-25-25	1005		0							X	X										N/A		
16	XPW04		WT	G	2-25-25	970		0							X	X										N/A		
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION					DATE	TIME	SAMPLE CONDITIONS											
KIN-25Q1 Rev 0					2-25-25			2-25	1325						2-25	1325												

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 Cdp				
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY): 2.25.25				

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

Page: 3 of 3

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes		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	
		MATRIX	CODE			DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		KIN-257-141	KIN-620-141	KIN-845-141	KIN-NE-141	Residual Chlorine (Y/N)	Project No./ Lab I.D.												
		DRINKING WATER WATER WASTE WATER PRODUCT SOL/SOLID OIL WIPE AIR OTHER TISSUE	DW WT WW P SL OL WP AR OT TS																																	
1	XSG-01	WT	G						0																									N/A		
2	Field Blank	WT	G			2-25-25	1111		2																									25020673-028		
3	MW-01 Duplicate	WT	G						2																									25020673-029		
4	MW-09 Duplicate	WT	G			2-25-25	911		2																									25020673-030		
5	MW-31 Duplicate	WT	G						2																									25020673-031		
6	XPW03 Duplicate	WT	G			2-25-25	1005		0																									N/A		
7	Equipment Blank 1	WT	G						2																									25020673-032		
8	Equipment Blank 2	WT	G						2																									25020673-033		
9	Equipment Blank 3	WT	G						2																									25020673-034		
10																																				
11																																				
12																																				
13																																				
14																																				
15																																				
16																																				
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION				DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS																
KIN-25Q1 Rev 0				2-25-25				1325		2-25-25				1325		> z																				

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): 2/25/25				

Confidential

Ph₁₀ 10.358 Temp 13.9 10.9
HNO₃ (10.244) added to 9.1 9.1

LTG9

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/1/2025 3:32:51 PM

JOB DESCRIPTION

Radium-226 and Radium-228
25020673

JOB NUMBER

160-57303-1

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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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 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1

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

Job ID: 160-57303-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 25020673

Report Number: 160-57303-1

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.

All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client.

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.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

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 2/27/2025 12:30 PM. 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 17.7°C, 18.6°C and 18.7°C.

Method 903.0 - Radium-226 (GFPC)

Samples 25020673-001 (160-57303-1), 25020673-002 (160-57303-2), 25020673-003 (160-57303-3), 25020673-004 (160-57303-4), 25020673-005 (160-57303-5), 25020673-006 (160-57303-6), 25020673-007 (160-57303-7), 25020673-008 (160-57303-8), 25020673-009 (160-57303-9), 25020673-011 (160-57303-10), 25020673-012 (160-57303-11), 25020673-013 (160-57303-12), 25020673-014 (160-57303-13), 25020673-015 (160-57303-14), 25020673-016 (160-57303-15), 25020673-017 (160-57303-16), 25020673-018 (160-57303-17), 25020673-019 (160-57303-18), 25020673-020 (160-57303-19), 25020673-021 (160-57303-20), 25020673-022 (160-57303-21), 25020673-023 (160-57303-22), 25020673-024 (160-57303-23), 25020673-025 (160-57303-24), 25020673-026 (160-57303-25), 25020673-027 (160-57303-26), 25020673-028 (160-57303-27), 25020673-029 (160-57303-28), 25020673-030 (160-57303-29) and 25020673-031 (160-57303-30) were analyzed for Radium-226 (GFPC). The samples were prepared on 3/3/2025 and analyzed on 3/28/2025.

The Barium Carrier recovery is outside the upper control limit (110%) for the following sample: 25020673-029 (160-57303-28). The QC samples associated with the batch have acceptable carrier recovery indicating the potential for the presence of matrix interference. The samples have been truncated to 100% to reduce any potential bias a high carrier recovery may have. The data

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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1

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

Job ID: 160-57303-1 (Continued)

Eurofins St. Louis

have been qualified and reported.

Method 904.0 - Radium-228 (GFPC)

Samples 25020673-001 (160-57303-1), 25020673-002 (160-57303-2), 25020673-003 (160-57303-3), 25020673-004 (160-57303-4), 25020673-005 (160-57303-5), 25020673-006 (160-57303-6), 25020673-007 (160-57303-7), 25020673-008 (160-57303-8), 25020673-009 (160-57303-9), 25020673-011 (160-57303-10), 25020673-012 (160-57303-11), 25020673-013 (160-57303-12), 25020673-014 (160-57303-13), 25020673-015 (160-57303-14), 25020673-016 (160-57303-15), 25020673-017 (160-57303-16), 25020673-018 (160-57303-17), 25020673-019 (160-57303-18), 25020673-020 (160-57303-19), 25020673-021 (160-57303-20), 25020673-022 (160-57303-21), 25020673-023 (160-57303-22), 25020673-024 (160-57303-23), 25020673-025 (160-57303-24), 25020673-026 (160-57303-25), 25020673-027 (160-57303-26), 25020673-028 (160-57303-27), 25020673-029 (160-57303-28), 25020673-030 (160-57303-29) and 25020673-031 (160-57303-30) were analyzed for Radium-228 (GFPC). The samples were prepared on 3/3/2025 and 3/25/2025 and analyzed on 3/21/2025, 3/24/2025 and 3/31/2025.

The following sample(s) did not meet the requested limit (RL). However the activity in the affected samples is above the MDC achieved. The data will be qualified and reported with this narrative. 25020673-007 (160-57303-7) and 25020673-009 (160-57303-9)

The MDC for the following sample(s) is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. 25020673-003 (160-57303-3)

The Barium Carrier recovery is outside the upper control limit (110%) for the following sample: 25020673-029 (160-57303-28). The QC samples associated with the batch have acceptable carrier recovery indicating the presence of matrix interference. The sample has been truncated to minimize any potential bias a high carrier recovery may have on the results.

The MDC for the following sample(s) is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. 25020673-024 (160-57303-23)

Insufficient sample volume was available to perform a sample duplicate for the following samples: 25020673-004 (160-57303-4). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

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

Samples 25020673-001 (160-57303-1), 25020673-002 (160-57303-2), 25020673-003 (160-57303-3), 25020673-004 (160-57303-4), 25020673-005 (160-57303-5), 25020673-006 (160-57303-6), 25020673-007 (160-57303-7), 25020673-008 (160-57303-8), 25020673-009 (160-57303-9), 25020673-011 (160-57303-10), 25020673-012 (160-57303-11), 25020673-013 (160-57303-12), 25020673-014 (160-57303-13), 25020673-015 (160-57303-14), 25020673-016 (160-57303-15), 25020673-017 (160-57303-16), 25020673-018 (160-57303-17), 25020673-019 (160-57303-18), 25020673-020 (160-57303-19), 25020673-021 (160-57303-20), 25020673-022 (160-57303-21), 25020673-023 (160-57303-22), 25020673-024 (160-57303-23), 25020673-025 (160-57303-24), 25020673-026 (160-57303-25), 25020673-027 (160-57303-26), 25020673-028 (160-57303-27), 25020673-029 (160-57303-28), 25020673-030 (160-57303-29) and 25020673-031 (160-57303-30) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 4/1/2025.

Eurofins St. Louis

Are the samples chilled?		YES	☐	NO	☒	With:	☐	Ice	☐	Blue Ice	☐	Preserved in:	☐	Lab	☐	Field
Teklab Inc 5445 Horseshoe Lake Road Collinsville, IL 62234																
Project#		25020673		Cooler Temp:				Sampler:		Teklab sampling team		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 requested.																
Contact:		Elizabeth Hurley		Email:		ehurley@teklabinc.com		Phone:		(618) 344-1004 ext. 33						
Requested Due Date:		Standard TAT		Billing/PO:		37905										

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.

[illegible]

*Relinquished By	Date/Time	Received By	Date/Time
<i>[Signature]</i>	2-27-25 1114	<i>[Signature]</i>	2-27-25 1114
<i>[Signature]</i>	2-27-25 1229	<i>[Signature]</i>	2-27-25 1230

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

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.

[illegible]

*Relinquished By	Date/Time	Received By	Date/Time
<i>[Signature]</i>	2/27/25 / 11:14	<i>[Signature]</i>	2/27/25 / 11:14
<i>[Signature]</i>	2/27/25 / 12:27	<i>[Signature]</i>	2/27/25 / 12:30

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

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

Phone: (618) 344-1004 ext. 33

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.

[illegible]

Date/Time /

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-57303-1

SDG Number: 25020673

Login Number: 57303

List Number: 1

Creator: Worthington, Sierra M

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?	True	
There are no discrepancies between the containers received and the COC.	N/A	
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 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.
X	Carrier is outside acceptance limits.

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 1, 2025
KINCAID POWER PLANT, ASH POND

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

Job ID: 160-57303-1
SDG: 25020673

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 1, 2025
KINCAID POWER PLANT, ASH POND

Job ID: 160-57303-1
SDG: 25020673

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-57303-1	25020673-001	Water	02/24/25 13:55	02/27/25 12:30
160-57303-2	25020673-002	Water	02/24/25 10:22	02/27/25 12:30
160-57303-3	25020673-003	Water	02/24/25 12:42	02/27/25 12:30
160-57303-4	25020673-004	Water	02/24/25 14:33	02/27/25 12:30
160-57303-5	25020673-005	Water	02/24/25 13:52	02/27/25 12:30
160-57303-6	25020673-006	Water	02/24/25 12:43	02/27/25 12:30
160-57303-7	25020673-007	Water	02/24/25 13:20	02/27/25 12:30
160-57303-8	25020673-008	Water	02/24/25 14:25	02/27/25 12:30
160-57303-9	25020673-009	Water	02/25/25 10:25	02/27/25 12:30
160-57303-10	25020673-011	Water	02/25/25 09:11	02/27/25 12:30
160-57303-11	25020673-012	Water	02/25/25 09:49	02/27/25 12:30
160-57303-12	25020673-013	Water	02/24/25 11:07	02/27/25 12:30
160-57303-13	25020673-014	Water	02/24/25 13:36	02/27/25 12:30
160-57303-14	25020673-015	Water	02/24/25 10:34	02/27/25 12:30
160-57303-15	25020673-016	Water	02/24/25 10:09	02/27/25 12:30
160-57303-16	25020673-017	Water	02/24/25 11:58	02/27/25 12:30
160-57303-17	25020673-018	Water	02/25/25 09:50	02/27/25 12:30
160-57303-18	25020673-019	Water	02/24/25 14:01	02/27/25 12:30
160-57303-19	25020673-020	Water	02/24/25 13:00	02/27/25 12:30
160-57303-20	25020673-021	Water	02/24/25 11:40	02/27/25 12:30
160-57303-21	25020673-022	Water	02/24/25 12:18	02/27/25 12:30
160-57303-22	25020673-023	Water	02/24/25 11:08	02/27/25 12:30
160-57303-23	25020673-024	Water	02/25/25 11:34	02/27/25 12:30
160-57303-24	25020673-025	Water	02/25/25 11:07	02/27/25 12:30
160-57303-25	25020673-026	Water	02/25/25 10:35	02/27/25 12:30
160-57303-26	25020673-027	Water	02/24/25 13:18	02/27/25 12:30
160-57303-27	25020673-028	Water	02/25/25 11:11	02/27/25 12:30
160-57303-28	25020673-029	Water	02/24/25 13:55	02/27/25 12:30
160-57303-29	25020673-030	Water	02/25/25 09:11	02/27/25 12:30
160-57303-30	25020673-031	Water	02/24/25 11:40	02/27/25 12:30

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-001

Lab Sample ID: 160-57303-1

Date Collected: 02/24/25 13:55

Matrix: Water

Date Received: 02/27/25 12:30

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	0.0442	U	0.0656	0.0657	1.00	0.113	pCi/L	03/03/25 07:33	03/28/25 10:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					03/03/25 07:33	03/28/25 10:17	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.103	U	0.282	0.282	1.00	0.508	pCi/L	03/03/25 07:37	03/21/25 12:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					03/03/25 07:37	03/21/25 12:38	1
Y Carrier	82.6		30 - 110					03/03/25 07:37	03/21/25 12:38	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	0.147	U	0.290	0.290	5.00	0.508	pCi/L		04/01/25 15:13	1

Client Sample ID: 25020673-002

Lab Sample ID: 160-57303-2

Date Collected: 02/24/25 10:22

Matrix: Water

Date Received: 02/27/25 12:30

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	0.181		0.125	0.126	1.00	0.177	pCi/L	03/03/25 07:33	03/28/25 10:17	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					03/03/25 07:33	03/28/25 10:17	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.394	U	0.476	0.478	1.00	0.981	pCi/L	03/03/25 07:37	03/21/25 12:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					03/03/25 07:37	03/21/25 12:38	1
Y Carrier	78.1		30 - 110					03/03/25 07:37	03/21/25 12:38	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	0.181	U	0.492	0.494	5.00	0.981	pCi/L		04/01/25 15:13	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-003

Lab Sample ID: 160-57303-3

Date Collected: 02/24/25 12:42

Matrix: Water

Date Received: 02/27/25 12:30

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	0.0622	U	0.0705	0.0707	1.00	0.114	pCi/L	03/03/25 07:33	03/28/25 10:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					03/03/25 07:33	03/28/25 10:18	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.848	U G	0.650	0.654	1.00	1.01	pCi/L	03/03/25 07:37	03/21/25 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					03/03/25 07:37	03/21/25 14:44	1
Y Carrier	77.0		30 - 110					03/03/25 07:37	03/21/25 14:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.910	U	0.654	0.658	5.00	1.01	pCi/L		04/01/25 15:13	1

Client Sample ID: 25020673-004

Lab Sample ID: 160-57303-4

Date Collected: 02/24/25 14:33

Matrix: Water

Date Received: 02/27/25 12:30

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	0.0612	U	0.0799	0.0801	1.00	0.133	pCi/L	03/03/25 07:33	03/28/25 10:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.0		30 - 110					03/03/25 07:33	03/28/25 10:18	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.166	U	0.248	0.248	1.00	0.522	pCi/L	03/25/25 09:20	03/31/25 12:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.1		30 - 110					03/25/25 09:20	03/31/25 12:05	1
Y Carrier	79.6		30 - 110					03/25/25 09:20	03/31/25 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	0.0612	U	0.261	0.261	5.00	0.522	pCi/L		04/01/25 15:10	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-005

Lab Sample ID: 160-57303-5

Date Collected: 02/24/25 13:52

Matrix: Water

Date Received: 02/27/25 12:30

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	0.152		0.0902	0.0912	1.00	0.115	pCi/L	03/03/25 07:33	03/28/25 10:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					03/03/25 07:33	03/28/25 10:18	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.03		0.664	0.671	1.00	0.991	pCi/L	03/03/25 07:37	03/21/25 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					03/03/25 07:37	03/21/25 14:42	1
Y Carrier	75.9		30 - 110					03/03/25 07:37	03/21/25 14:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.18		0.670	0.677	5.00	0.991	pCi/L		04/01/25 15:13	1

Client Sample ID: 25020673-006

Lab Sample ID: 160-57303-6

Date Collected: 02/24/25 12:43

Matrix: Water

Date Received: 02/27/25 12:30

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	0.413		0.141	0.145	1.00	0.134	pCi/L	03/03/25 07:33	03/28/25 10:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.1		30 - 110					03/03/25 07:33	03/28/25 10:30	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	1.23		0.691	0.701	1.00	1.00	pCi/L	03/03/25 07:37	03/21/25 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.1		30 - 110					03/03/25 07:37	03/21/25 14:44	1
Y Carrier	87.5		30 - 110					03/03/25 07:37	03/21/25 14:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.64		0.705	0.716	5.00	1.00	pCi/L		04/01/25 15:13	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-007

Lab Sample ID: 160-57303-7

Date Collected: 02/24/25 13:20

Matrix: Water

Date Received: 02/27/25 12:30

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	0.0964	U	0.0897	0.0901	1.00	0.137	pCi/L	03/03/25 07:33	03/28/25 10:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.3		30 - 110					03/03/25 07:33	03/28/25 10:30	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.82	G	0.870	0.886	1.00	1.22	pCi/L	03/03/25 07:37	03/21/25 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.3		30 - 110					03/03/25 07:37	03/21/25 14:44	1
Y Carrier	75.1		30 - 110					03/03/25 07:37	03/21/25 14:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.91		0.875	0.891	5.00	1.22	pCi/L		04/01/25 15:13	1

Client Sample ID: 25020673-008

Lab Sample ID: 160-57303-8

Date Collected: 02/24/25 14:25

Matrix: Water

Date Received: 02/27/25 12:30

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	0.0582	U	0.0983	0.0984	1.00	0.170	pCi/L	03/03/25 07:33	03/28/25 12:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.3		30 - 110					03/03/25 07:33	03/28/25 12:21	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	6.09		1.10	1.23	1.00	0.994	pCi/L	03/03/25 07:37	03/21/25 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.3		30 - 110					03/03/25 07:37	03/21/25 14:44	1
Y Carrier	81.5		30 - 110					03/03/25 07:37	03/21/25 14:44	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	6.15		1.10	1.23	5.00	0.994	pCi/L		04/01/25 15:13	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-009

Lab Sample ID: 160-57303-9

Date Collected: 02/25/25 10:25

Matrix: Water

Date Received: 02/27/25 12:30

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	-0.0325	U	0.0561	0.0562	1.00	0.136	pCi/L	03/03/25 07:33	03/28/25 12:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.3		30 - 110					03/03/25 07:33	03/28/25 12:23	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	4.88	G	1.10	1.19	1.00	1.15	pCi/L	03/03/25 07:37	03/21/25 14:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.3		30 - 110					03/03/25 07:37	03/21/25 14:45	1
Y Carrier	77.0		30 - 110					03/03/25 07:37	03/21/25 14:45	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	4.88		1.10	1.19	5.00	1.15	pCi/L		04/01/25 15:13	1

Client Sample ID: 25020673-011

Lab Sample ID: 160-57303-10

Date Collected: 02/25/25 09:11

Matrix: Water

Date Received: 02/27/25 12:30

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	0.135		0.0725	0.0735	1.00	0.0737	pCi/L	03/03/25 07:33	03/28/25 12:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110					03/03/25 07:33	03/28/25 12:23	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	3.33		0.726	0.788	1.00	0.677	pCi/L	03/03/25 07:37	03/21/25 14:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110					03/03/25 07:37	03/21/25 14:46	1
Y Carrier	83.7		30 - 110					03/03/25 07:37	03/21/25 14:46	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	3.46		0.730	0.791	5.00	0.677	pCi/L		04/01/25 15:13	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-012

Lab Sample ID: 160-57303-11

Date Collected: 02/25/25 09:49

Matrix: Water

Date Received: 02/27/25 12:30

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	0.110	U	0.0971	0.0976	1.00	0.150	pCi/L	03/03/25 07:33	03/28/25 14:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					03/03/25 07:33	03/28/25 14:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.27		0.731	0.791	1.00	0.639	pCi/L	03/03/25 07:37	03/21/25 14:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					03/03/25 07:37	03/21/25 14:46	1
Y Carrier	82.2		30 - 110					03/03/25 07:37	03/21/25 14:46	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	3.38		0.737	0.797	5.00	0.639	pCi/L		04/01/25 15:13	1

Client Sample ID: 25020673-013

Lab Sample ID: 160-57303-12

Date Collected: 02/24/25 11:07

Matrix: Water

Date Received: 02/27/25 12:30

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	0.113	U	0.0811	0.0818	1.00	0.114	pCi/L	03/03/25 07:33	03/28/25 14:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.4		30 - 110					03/03/25 07:33	03/28/25 14:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	8.50		1.08	1.33	1.00	0.655	pCi/L	03/03/25 07:37	03/21/25 14:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.4		30 - 110					03/03/25 07:37	03/21/25 14:46	1
Y Carrier	80.7		30 - 110					03/03/25 07:37	03/21/25 14:46	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	8.62		1.08	1.33	5.00	0.655	pCi/L		04/01/25 15:13	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-014

Lab Sample ID: 160-57303-13

Date Collected: 02/24/25 13:36

Matrix: Water

Date Received: 02/27/25 12:30

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	0.348		0.112	0.116	1.00	0.0764	pCi/L	03/03/25 07:33	03/28/25 14:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					03/03/25 07:33	03/28/25 14:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.72		0.874	1.02	1.00	0.638	pCi/L	03/03/25 07:37	03/21/25 14:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					03/03/25 07:37	03/21/25 14:46	1
Y Carrier	94.2		30 - 110					03/03/25 07:37	03/21/25 14:46	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	6.07		0.881	1.03	5.00	0.638	pCi/L		04/01/25 15:13	1

Client Sample ID: 25020673-015

Lab Sample ID: 160-57303-14

Date Collected: 02/24/25 10:34

Matrix: Water

Date Received: 02/27/25 12:30

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	0.186		0.116	0.117	1.00	0.161	pCi/L	03/03/25 07:33	03/28/25 14:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					03/03/25 07:33	03/28/25 14:52	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	4.50		0.855	0.950	1.00	0.728	pCi/L	03/03/25 07:37	03/21/25 14:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					03/03/25 07:37	03/21/25 14:46	1
Y Carrier	81.1		30 - 110					03/03/25 07:37	03/21/25 14:46	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	4.69		0.863	0.957	5.00	0.728	pCi/L		04/01/25 15:13	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-016

Date Collected: 02/24/25 10:09

Date Received: 02/27/25 12:30

Lab Sample ID: 160-57303-15

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0379	U	0.0734	0.0735	1.00	0.132	pCi/L	03/03/25 07:39	03/28/25 06:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.0		30 - 110					03/03/25 07:39	03/28/25 06:40	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.145	U	0.254	0.255	1.00	0.438	pCi/L	03/03/25 07:44	03/24/25 12:11	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.0		30 - 110					03/03/25 07:44	03/24/25 12:11	1
Y Carrier	89.3		30 - 110					03/03/25 07:44	03/24/25 12:11	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	0.183	U	0.264	0.265	5.00	0.438	pCi/L		04/01/25 15:14	1

Client Sample ID: 25020673-017

Date Collected: 02/24/25 11:58

Date Received: 02/27/25 12:30

Lab Sample ID: 160-57303-16

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	0.00891	U	0.0769	0.0769	1.00	0.150	pCi/L	03/03/25 07:39	03/28/25 06:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	104		30 - 110					03/03/25 07:39	03/28/25 06:35	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.379	U	0.260	0.262	1.00	0.381	pCi/L	03/03/25 07:44	03/24/25 12:11	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	104		30 - 110					03/03/25 07:44	03/24/25 12:11	1
Y Carrier	88.2		30 - 110					03/03/25 07:44	03/24/25 12:11	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	0.388		0.271	0.273	5.00	0.381	pCi/L		04/01/25 15:14	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-018

Lab Sample ID: 160-57303-17

Date Collected: 02/25/25 09:50

Matrix: Water

Date Received: 02/27/25 12:30

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	0.0961	0.0968	1.00	0.140	pCi/L	03/03/25 07:39	03/28/25 06:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		30 - 110					03/03/25 07:39	03/28/25 06:35	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	-0.00205	U	0.307	0.307	1.00	0.567	pCi/L	03/03/25 07:44	03/24/25 12:11	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		30 - 110					03/03/25 07:44	03/24/25 12:11	1
Y Carrier	87.5		30 - 110					03/03/25 07:44	03/24/25 12:11	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	0.123	U	0.322	0.322	5.00	0.567	pCi/L		04/01/25 15:14	1

Client Sample ID: 25020673-019

Lab Sample ID: 160-57303-18

Date Collected: 02/24/25 14:01

Matrix: Water

Date Received: 02/27/25 12:30

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	0.0508	U	0.0787	0.0788	1.00	0.136	pCi/L	03/03/25 07:39	03/28/25 06:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.0		30 - 110					03/03/25 07:39	03/28/25 06:35	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	0.0544	U	0.310	0.310	1.00	0.560	pCi/L	03/03/25 07:44	03/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.0		30 - 110					03/03/25 07:44	03/24/25 12:18	1
Y Carrier	91.2		30 - 110					03/03/25 07:44	03/24/25 12:18	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	0.320	0.320	5.00	0.560	pCi/L		04/01/25 15:14	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-020

Lab Sample ID: 160-57303-19

Date Collected: 02/24/25 13:00

Matrix: Water

Date Received: 02/27/25 12:30

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	0.197		0.0932	0.0949	1.00	0.0867	pCi/L	03/03/25 07:39	03/28/25 06:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		30 - 110					03/03/25 07:39	03/28/25 06:35	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	0.337	U	0.349	0.351	1.00	0.567	pCi/L	03/03/25 07:44	03/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		30 - 110					03/03/25 07:44	03/24/25 12:18	1
Y Carrier	93.5		30 - 110					03/03/25 07:44	03/24/25 12:18	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	0.534	U	0.361	0.364	5.00	0.567	pCi/L		04/01/25 15:14	1

Client Sample ID: 25020673-021

Lab Sample ID: 160-57303-20

Date Collected: 02/24/25 11:40

Matrix: Water

Date Received: 02/27/25 12:30

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	0.377		0.139	0.143	1.00	0.143	pCi/L	03/03/25 07:39	03/28/25 06:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.6		30 - 110					03/03/25 07:39	03/28/25 06:36	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	0.317	U	0.367	0.368	1.00	0.603	pCi/L	03/03/25 07:44	03/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.6		30 - 110					03/03/25 07:44	03/24/25 12:18	1
Y Carrier	90.8		30 - 110					03/03/25 07:44	03/24/25 12:18	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	0.694		0.392	0.395	5.00	0.603	pCi/L		04/01/25 15:14	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-022

Lab Sample ID: 160-57303-21

Date Collected: 02/24/25 12:18

Matrix: Water

Date Received: 02/27/25 12:30

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	0.370		0.147	0.150	1.00	0.165	pCi/L	03/03/25 07:39	03/28/25 06:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.3		30 - 110					03/03/25 07:39	03/28/25 06:40	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.506	U	0.394	0.397	1.00	0.611	pCi/L	03/03/25 07:44	03/24/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.3		30 - 110					03/03/25 07:44	03/24/25 12:18	1
Y Carrier	85.2		30 - 110					03/03/25 07:44	03/24/25 12:18	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	0.876		0.421	0.424	5.00	0.611	pCi/L		04/01/25 15:14	1

Client Sample ID: 25020673-023

Lab Sample ID: 160-57303-22

Date Collected: 02/24/25 11:08

Matrix: Water

Date Received: 02/27/25 12:30

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	0.106	U	0.0992	0.0996	1.00	0.153	pCi/L	03/03/25 07:39	03/28/25 06:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.1		30 - 110					03/03/25 07:39	03/28/25 06:40	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.258	U	0.359	0.359	1.00	0.734	pCi/L	03/03/25 07:44	03/24/25 14:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.1		30 - 110					03/03/25 07:44	03/24/25 14:18	1
Y Carrier	89.0		30 - 110					03/03/25 07:44	03/24/25 14:18	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	0.106	U	0.372	0.373	5.00	0.734	pCi/L		04/01/25 15:14	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-024

Lab Sample ID: 160-57303-23

Date Collected: 02/25/25 11:34

Matrix: Water

Date Received: 02/27/25 12:30

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	0.449		0.167	0.172	1.00	0.170	pCi/L	03/03/25 07:39	03/28/25 06:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.3		30 - 110					03/03/25 07:39	03/28/25 06:41	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	1.68	G	0.774	0.789	1.00	1.08	pCi/L	03/03/25 07:44	03/24/25 14:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.3		30 - 110					03/03/25 07:44	03/24/25 14:18	1
Y Carrier	84.5		30 - 110					03/03/25 07:44	03/24/25 14:18	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	2.13		0.792	0.808	5.00	1.08	pCi/L		04/01/25 15:14	1

Client Sample ID: 25020673-025

Lab Sample ID: 160-57303-24

Date Collected: 02/25/25 11:07

Matrix: Water

Date Received: 02/27/25 12:30

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	0.317		0.142	0.145	1.00	0.166	pCi/L	03/03/25 07:39	03/28/25 06:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.0		30 - 110					03/03/25 07:39	03/28/25 06:41	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	0.634	U	0.493	0.497	1.00	0.765	pCi/L	03/03/25 07:44	03/24/25 14:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.0		30 - 110					03/03/25 07:44	03/24/25 14:18	1
Y Carrier	86.7		30 - 110					03/03/25 07:44	03/24/25 14:18	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	0.951		0.513	0.518	5.00	0.765	pCi/L		04/01/25 15:14	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-026

Lab Sample ID: 160-57303-25

Date Collected: 02/25/25 10:35

Matrix: Water

Date Received: 02/27/25 12:30

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	0.282		0.130	0.133	1.00	0.153	pCi/L	03/03/25 07:39	03/28/25 06:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.6		30 - 110					03/03/25 07:39	03/28/25 06:41	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	1.17		0.497	0.509	1.00	0.653	pCi/L	03/03/25 07:44	03/24/25 14:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.6		30 - 110					03/03/25 07:44	03/24/25 14:07	1
Y Carrier	87.1		30 - 110					03/03/25 07:44	03/24/25 14:07	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.45		0.514	0.526	5.00	0.653	pCi/L		04/01/25 15:14	1

Client Sample ID: 25020673-027

Lab Sample ID: 160-57303-26

Date Collected: 02/24/25 13:18

Matrix: Water

Date Received: 02/27/25 12:30

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	0.422		0.192	0.195	1.00	0.242	pCi/L	03/03/25 07:39	03/28/25 06:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.7		30 - 110					03/03/25 07:39	03/28/25 06:41	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	0.434	U	0.456	0.458	1.00	0.738	pCi/L	03/03/25 07:44	03/24/25 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.7		30 - 110					03/03/25 07:44	03/24/25 14:08	1
Y Carrier	89.3		30 - 110					03/03/25 07:44	03/24/25 14:08	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	0.856		0.495	0.498	5.00	0.738	pCi/L		04/01/25 15:14	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-028

Lab Sample ID: 160-57303-27

Date Collected: 02/25/25 11:11

Matrix: Water

Date Received: 02/27/25 12:30

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	0.0700	U	0.0886	0.0888	1.00	0.147	pCi/L	03/03/25 07:39	03/28/25 08:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	102		30 - 110					03/03/25 07:39	03/28/25 08:22	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	0.836		0.420	0.427	1.00	0.588	pCi/L	03/03/25 07:44	03/24/25 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	102		30 - 110					03/03/25 07:44	03/24/25 14:08	1
Y Carrier	90.5		30 - 110					03/03/25 07:44	03/24/25 14:08	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	0.906		0.429	0.436	5.00	0.588	pCi/L		04/01/25 15:14	1

Client Sample ID: 25020673-029

Lab Sample ID: 160-57303-28

Date Collected: 02/24/25 13:55

Matrix: Water

Date Received: 02/27/25 12:30

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	-0.00189	U	0.0595	0.0595	1.00	0.127	pCi/L	03/03/25 07:39	03/28/25 08:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	112	X	30 - 110					03/03/25 07:39	03/28/25 08:21	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	0.0807	U	0.314	0.314	1.00	0.567	pCi/L	03/03/25 07:44	03/24/25 14:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	112	X	30 - 110					03/03/25 07:44	03/24/25 14:08	1
Y Carrier	90.5		30 - 110					03/03/25 07:44	03/24/25 14:08	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	0.0807	U	0.320	0.320	5.00	0.567	pCi/L		04/01/25 15:14	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Client Sample ID: 25020673-030

Lab Sample ID: 160-57303-29

Date Collected: 02/25/25 09:11

Matrix: Water

Date Received: 02/27/25 12:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.111	U	0.107	0.108	1.00	0.169	pCi/L	03/03/25 07:39	03/28/25 08:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	105		30 - 110					03/03/25 07:39	03/28/25 08:22	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	-0.0935	U	0.201	0.201	1.00	0.427	pCi/L	03/03/25 07:44	03/24/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	105		30 - 110					03/03/25 07:44	03/24/25 14:09	1
Y Carrier	93.5		30 - 110					03/03/25 07:44	03/24/25 14:09	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	0.111	U	0.228	0.228	5.00	0.427	pCi/L		04/01/25 15:14	1

Client Sample ID: 25020673-031

Lab Sample ID: 160-57303-30

Date Collected: 02/24/25 11:40

Matrix: Water

Date Received: 02/27/25 12:30

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	0.205		0.0967	0.0984	1.00	0.0974	pCi/L	03/03/25 07:39	03/28/25 08:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		30 - 110					03/03/25 07:39	03/28/25 08:22	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	0.414	U	0.350	0.352	1.00	0.542	pCi/L	03/03/25 07:44	03/24/25 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.4		30 - 110					03/03/25 07:44	03/24/25 14:09	1
Y Carrier	87.5		30 - 110					03/03/25 07:44	03/24/25 14:09	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	0.619		0.363	0.365	5.00	0.542	pCi/L		04/01/25 15:14	1

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QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705657/1-A
Matrix: Water
Analysis Batch: 709817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705657

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.03032	U	0.0619	0.0619	1.00	0.143	pCi/L	03/03/25 07:33	03/28/25 10:30	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					03/03/25 07:33	03/28/25 10:30	1

Lab Sample ID: LCS 160-705657/2-A
Matrix: Water
Analysis Batch: 709817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705657

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.467		1.03	1.00	0.123	pCi/L	99	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	81.7		30 - 110							

Lab Sample ID: MB 160-705659/1-A
Matrix: Water
Analysis Batch: 709817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705659

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.07281	U	0.0760	0.0763	1.00	0.119	pCi/L	03/03/25 07:39	03/28/25 06:40	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	100		30 - 110					03/03/25 07:39	03/28/25 06:40	1

Lab Sample ID: LCS 160-705659/2-A
Matrix: Water
Analysis Batch: 709817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705659

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.616		1.06	1.00	0.124	pCi/L	100	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	96.6		30 - 110							

Lab Sample ID: 160-57303-22 DU
Matrix: Water
Analysis Batch: 709817

Client Sample ID: 25020673-023
Prep Type: Total/NA
Prep Batch: 705659

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.106	U	0.01271	U	0.0818	1.00	0.159	pCi/L	0.52	1

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QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

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

Lab Sample ID: 160-57303-22 DU
Matrix: Water
Analysis Batch: 709817

Client Sample ID: 25020673-023
Prep Type: Total/NA
Prep Batch: 705659

Carrier	<i>DU</i> %Yield	<i>DU</i> Qualifier	Limits
Ba Carrier	96.1		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705658/1-A
Matrix: Water
Analysis Batch: 708880

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705658

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3382	U	0.406	0.407	1.00	0.669	pCi/L	03/03/25 07:37	03/21/25 12:36	1
Carrier	<i>MB</i> %Yield	<i>MB</i> Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					03/03/25 07:37	03/21/25 12:36	1
Y Carrier	78.1		30 - 110					03/03/25 07:37	03/21/25 12:36	1

Lab Sample ID: LCS 160-705658/2-A
Matrix: Water
Analysis Batch: 708880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705658

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.00	8.294		1.23	1.00	0.610	pCi/L	104	75 - 125
Carrier	<i>LCS</i> %Yield	<i>LCS</i> Qualifier	Limits						
Ba Carrier	81.7		30 - 110						
Y Carrier	83.7		30 - 110						

Lab Sample ID: MB 160-705660/1-A
Matrix: Water
Analysis Batch: 709097

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705660

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2851	U	0.275	0.276	1.00	0.439	pCi/L	03/03/25 07:44	03/24/25 12:11	1
Carrier	<i>MB</i> %Yield	<i>MB</i> Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	100		30 - 110					03/03/25 07:44	03/24/25 12:11	1
Y Carrier	89.7		30 - 110					03/03/25 07:44	03/24/25 12:11	1

Lab Sample ID: LCS 160-705660/2-A
Matrix: Water
Analysis Batch: 709097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705660

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	7.99	7.049		1.03	1.00	0.509	pCi/L	88	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 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

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

Lab Sample ID: LCS 160-705660/2-A
Matrix: Water
Analysis Batch: 709097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705660

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	96.6		30 - 110
Y Carrier	87.1		30 - 110

Lab Sample ID: 160-57303-22 DU
Matrix: Water
Analysis Batch: 708914

Client Sample ID: 25020673-023
Prep Type: Total/NA
Prep Batch: 705660

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	-0.258	U	0.3476	U	0.467	1.00	0.779	pCi/L	0.73	1

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	96.1		30 - 110
Y Carrier	86.4		30 - 110

Lab Sample ID: MB 160-709219/1-A
Matrix: Water
Analysis Batch: 710061

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709219

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1768	U	0.266	0.266	1.00	0.452	pCi/L	03/25/25 09:20	03/31/25 12:05	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	96.8		30 - 110	03/25/25 09:20	03/31/25 12:05	1
Y Carrier	82.2		30 - 110	03/25/25 09:20	03/31/25 12:05	1

Lab Sample ID: LCS 160-709219/2-A
Matrix: Water
Analysis Batch: 710061

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709219

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.58	9.428		1.27	1.00	0.447	pCi/L	98	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	97.1		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: LCSD 160-709219/3-A
Matrix: Water
Analysis Batch: 710061

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709219

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	9.58	9.132		1.23	1.00	0.466	pCi/L	95	75 - 125	0.12	1

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QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

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

Lab Sample ID: LCSD 160-709219/3-A
Matrix: Water
Analysis Batch: 710061

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709219

Carrier	LCSD	LCSD	Limits
	%Yield	Qualifier	
Ba Carrier	96.3		30 - 110
Y Carrier	83.0		30 - 110

QC Association Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND

Job ID: 160-57303-1
SDG: 25020673

Rad

Prep Batch: 705657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57303-1	25020673-001	Total/NA	Water	PrecSep-21	
160-57303-2	25020673-002	Total/NA	Water	PrecSep-21	
160-57303-3	25020673-003	Total/NA	Water	PrecSep-21	
160-57303-4	25020673-004	Total/NA	Water	PrecSep-21	
160-57303-5	25020673-005	Total/NA	Water	PrecSep-21	
160-57303-6	25020673-006	Total/NA	Water	PrecSep-21	
160-57303-7	25020673-007	Total/NA	Water	PrecSep-21	
160-57303-8	25020673-008	Total/NA	Water	PrecSep-21	
160-57303-9	25020673-009	Total/NA	Water	PrecSep-21	
160-57303-10	25020673-011	Total/NA	Water	PrecSep-21	
160-57303-11	25020673-012	Total/NA	Water	PrecSep-21	
160-57303-12	25020673-013	Total/NA	Water	PrecSep-21	
160-57303-13	25020673-014	Total/NA	Water	PrecSep-21	
160-57303-14	25020673-015	Total/NA	Water	PrecSep-21	
MB 160-705657/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705657/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 705658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57303-1	25020673-001	Total/NA	Water	PrecSep_0	
160-57303-2	25020673-002	Total/NA	Water	PrecSep_0	
160-57303-3	25020673-003	Total/NA	Water	PrecSep_0	
160-57303-5	25020673-005	Total/NA	Water	PrecSep_0	
160-57303-6	25020673-006	Total/NA	Water	PrecSep_0	
160-57303-7	25020673-007	Total/NA	Water	PrecSep_0	
160-57303-8	25020673-008	Total/NA	Water	PrecSep_0	
160-57303-9	25020673-009	Total/NA	Water	PrecSep_0	
160-57303-10	25020673-011	Total/NA	Water	PrecSep_0	
160-57303-11	25020673-012	Total/NA	Water	PrecSep_0	
160-57303-12	25020673-013	Total/NA	Water	PrecSep_0	
160-57303-13	25020673-014	Total/NA	Water	PrecSep_0	
160-57303-14	25020673-015	Total/NA	Water	PrecSep_0	
MB 160-705658/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705658/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 705659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57303-15	25020673-016	Total/NA	Water	PrecSep-21	
160-57303-16	25020673-017	Total/NA	Water	PrecSep-21	
160-57303-17	25020673-018	Total/NA	Water	PrecSep-21	
160-57303-18	25020673-019	Total/NA	Water	PrecSep-21	
160-57303-19	25020673-020	Total/NA	Water	PrecSep-21	
160-57303-20	25020673-021	Total/NA	Water	PrecSep-21	
160-57303-21	25020673-022	Total/NA	Water	PrecSep-21	
160-57303-22	25020673-023	Total/NA	Water	PrecSep-21	
160-57303-23	25020673-024	Total/NA	Water	PrecSep-21	
160-57303-24	25020673-025	Total/NA	Water	PrecSep-21	
160-57303-25	25020673-026	Total/NA	Water	PrecSep-21	
160-57303-26	25020673-027	Total/NA	Water	PrecSep-21	
160-57303-27	25020673-028	Total/NA	Water	PrecSep-21	
160-57303-28	25020673-029	Total/NA	Water	PrecSep-21	

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QC Association Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND

Job ID: 160-57303-1
SDG: 25020673

Rad (Continued)

Prep Batch: 705659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57303-29	25020673-030	Total/NA	Water	PrecSep-21	
160-57303-30	25020673-031	Total/NA	Water	PrecSep-21	
MB 160-705659/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705659/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-57303-22 DU	25020673-023	Total/NA	Water	PrecSep-21	

Prep Batch: 705660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57303-15	25020673-016	Total/NA	Water	PrecSep_0	
160-57303-16	25020673-017	Total/NA	Water	PrecSep_0	
160-57303-17	25020673-018	Total/NA	Water	PrecSep_0	
160-57303-18	25020673-019	Total/NA	Water	PrecSep_0	
160-57303-19	25020673-020	Total/NA	Water	PrecSep_0	
160-57303-20	25020673-021	Total/NA	Water	PrecSep_0	
160-57303-21	25020673-022	Total/NA	Water	PrecSep_0	
160-57303-22	25020673-023	Total/NA	Water	PrecSep_0	
160-57303-23	25020673-024	Total/NA	Water	PrecSep_0	
160-57303-24	25020673-025	Total/NA	Water	PrecSep_0	
160-57303-25	25020673-026	Total/NA	Water	PrecSep_0	
160-57303-26	25020673-027	Total/NA	Water	PrecSep_0	
160-57303-27	25020673-028	Total/NA	Water	PrecSep_0	
160-57303-28	25020673-029	Total/NA	Water	PrecSep_0	
160-57303-29	25020673-030	Total/NA	Water	PrecSep_0	
160-57303-30	25020673-031	Total/NA	Water	PrecSep_0	
MB 160-705660/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705660/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-57303-22 DU	25020673-023	Total/NA	Water	PrecSep_0	

Prep Batch: 709219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57303-4	25020673-004	Total/NA	Water	PrecSep_0	
MB 160-709219/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-709219/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-709219/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND
Job ID: 160-57303-1
SDG: 25020673

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)			
Lab Sample ID	Client Sample ID	Ba (30-110)			
160-57303-1	25020673-001	84.3			
160-57303-2	25020673-002	85.9			
160-57303-3	25020673-003	86.9			
160-57303-4	25020673-004	77.0			
160-57303-5	25020673-005	83.2			
160-57303-6	25020673-006	75.1			
160-57303-7	25020673-007	74.3			
160-57303-8	25020673-008	79.3			
160-57303-9	25020673-009	74.3			
160-57303-10	25020673-011	89.3			
160-57303-11	25020673-012	83.8			
160-57303-12	25020673-013	92.4			
160-57303-13	25020673-014	84.6			
160-57303-14	25020673-015	86.4			
160-57303-15	25020673-016	99.0			
160-57303-16	25020673-017	104			
160-57303-17	25020673-018	97.4			
160-57303-18	25020673-019	99.0			
160-57303-19	25020673-020	97.4			
160-57303-20	25020673-021	97.6			
160-57303-21	25020673-022	95.3			
160-57303-22	25020673-023	97.1			
160-57303-22 DU	25020673-023	96.1			
160-57303-23	25020673-024	73.3			
160-57303-24	25020673-025	94.0			
160-57303-25	25020673-026	90.6			
160-57303-26	25020673-027	99.7			
160-57303-27	25020673-028	102			
160-57303-28	25020673-029	112 X			
160-57303-29	25020673-030	105			
160-57303-30	25020673-031	97.4			
LCS 160-705657/2-A	Lab Control Sample	81.7			
LCS 160-705659/2-A	Lab Control Sample	96.6			
MB 160-705657/1-A	Method Blank	85.6			
MB 160-705659/1-A	Method Blank	100			

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-57303-1	25020673-001	84.3	82.6
160-57303-2	25020673-002	85.9	78.1
160-57303-3	25020673-003	86.9	77.0
160-57303-4	25020673-004	95.1	79.6
160-57303-5	25020673-005	83.2	75.9

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Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
KINCAID POWER PLANT, ASH POND

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

Job ID: 160-57303-1
SDG: 25020673

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)
160-57303-6	25020673-006	75.1	87.5
160-57303-7	25020673-007	74.3	75.1
160-57303-8	25020673-008	79.3	81.5
160-57303-9	25020673-009	74.3	77.0
160-57303-10	25020673-011	89.3	83.7
160-57303-11	25020673-012	83.8	82.2
160-57303-12	25020673-013	92.4	80.7
160-57303-13	25020673-014	84.6	94.2
160-57303-14	25020673-015	86.4	81.1
160-57303-15	25020673-016	99.0	89.3
160-57303-16	25020673-017	104	88.2
160-57303-17	25020673-018	97.4	87.5
160-57303-18	25020673-019	99.0	91.2
160-57303-19	25020673-020	97.4	93.5
160-57303-20	25020673-021	97.6	90.8
160-57303-21	25020673-022	95.3	85.2
160-57303-22	25020673-023	97.1	89.0
160-57303-22 DU	25020673-023	96.1	86.4
160-57303-23	25020673-024	73.3	84.5
160-57303-24	25020673-025	94.0	86.7
160-57303-25	25020673-026	90.6	87.1
160-57303-26	25020673-027	99.7	89.3
160-57303-27	25020673-028	102	90.5
160-57303-28	25020673-029	112 X	90.5
160-57303-29	25020673-030	105	93.5
160-57303-30	25020673-031	97.4	87.5
LCS 160-705658/2-A	Lab Control Sample	81.7	83.7
LCS 160-705660/2-A	Lab Control Sample	96.6	87.1
LCS 160-709219/2-A	Lab Control Sample	97.1	82.2
LCSD 160-709219/3-A	Lab Control Sample Dup	96.3	83.0
MB 160-705658/1-A	Method Blank	85.6	78.1
MB 160-705660/1-A	Method Blank	100	89.7
MB 160-709219/1-A	Method Blank	96.8	82.2

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-01
Sample ID: 001
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 58 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 13:35 Static Water Level: 16.11 feet below TOC
Total Depth: 27.10 feet below TOC
Water Column: 10.99 feet

Purging Activities

Purged By: JC Purge Date: 2/24/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $10.99 \text{ ft.} \times 0.022 = 0.24 \text{ L} \times 3 \text{ Vol.} = 0.72 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 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
13:36	0.0	263	purge start time						
13:40	1.1	↓	6.57	411.80	13.09	2.92	29.70	10.50	
13:43	1.8		6.49	409.80	13.00	2.47	45.30	2.61	
13:46	2.6		6.46	408.60	12.97	2.21	54.60	2.24	
13:49	3.4		6.45	407.10	12.99	1.98	60.70	1.96	
13:52	4.2		6.44	406.80	12.98	1.78	65.40	1.47	
13:55	5.0		6.44	407.30	12.94	1.61	69.00	0.83	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/24/2025 13:55
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.44 pH 407.30 Spec. Cond. 12.94 Temp
Field Filtered: No Filter Type:
Water Level: 16.32 feet below TOC Drawdown: 0.21 feet

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

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-02
Sample ID: 002
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 48 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 9:43 Static Water Level: 7.31 feet below TOC
Total Depth: 22.20 feet below TOC
Water Column: 14.89 feet

Purging Activities

Purged By: JC Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $14.89 \text{ ft.} \times 0.022 = 0.33 \text{ L} \times 3 \text{ Vol.} = 0.99 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 10.00 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
9:48	0.0	294	purge start time						
9:52	1.2	↓	7.20	598.80	11.54	3.92	105.30	15.07	
9:55	2.1		7.22	596.60	11.52	3.35	103.50	15.12	
9:58	2.9		7.22	595.90	11.48	3.01	97.80	16.21	
10:01	3.8		7.21	595.40	11.49	2.67	85.00	12.54	
10:04	4.7		7.20	595.10	11.51	2.42	69.50	13.58	
10:07	5.6		7.19	594.60	11.64	2.19	53.30	14.71	
10:10	6.5		7.18	594.20	11.66	2.04	40.30	14.22	
10:13	7.4		7.17	593.90	11.65	1.87	28.60	12.95	
10:16	8.2		7.17	593.00	11.66	1.74	18.60	15.77	
10:19	9.1		7.16	592.80	11.73	1.61	9.70	14.80	
10:22	10.0		7.15	592.80	11.75	1.51	2.50	17.20	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/24/2025 10:22
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.15 pH 592.80 Spec. Cond. 11.75 Temp
Field Filtered: No Filter Type:
Water Level: 10.10 feet below TOC Drawdown: 2.79 feet

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

- Field Meter: 50115

Form Completed By:




Date: 2/24/2025

Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-03
Sample ID: 003
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 54 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 12:17 Static Water Level: 8.55 feet below TOC
Total Depth: 26.20 feet below TOC
Water Column: 17.65 feet

Purging Activities

Purged By: JC Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $17.65 \text{ ft.} \times 0.022 = 0.39 \text{ L} \times 3 \text{ Vol.} = 1.17 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 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
12:20	0.0	227	purge start time						
12:30	2.3	↓	6.77	725.00	13.12	1.18	25.60	57.56	
12:33	3.0		6.75	724.40	13.01	1.05	29.80	47.29	
12:36	3.6		6.75	723.80	13.04	0.97	33.30	38.41	
12:39	4.3		6.74	724.00	12.96	0.90	36.40	29.42	
12:42	5.0		6.74	723.80	13.00	0.88	39.10	24.61	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/24/2025 12:42
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.74 pH 723.80 Spec. Cond. 13.00 Temp
Field Filtered: No Filter Type:
Water Level: 9.23 feet below TOC Drawdown: 0.68 feet

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

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-04
Sample ID: 004
Date (s): 2/24/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 45 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 14:17 Static Water Level: 7.56 feet below TOC
Total Depth: 24.40 feet below TOC
Water Column: 16.84 feet

Purging Activities

Purged By: PY Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $16.84 \text{ ft.} \times 0.022 = 0.37 \text{ L} \times 3 \text{ Vol.} = 1.11 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.50 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
14:17	0.0	281	purge start time						
14:24	2.0	↓	6.92	640.70	13.01	0.85	-81.30	2.81	
14:27	2.8		6.91	640.20	12.90	0.56	-93.70	2.71	
14:30	3.7		6.90	640.00	12.87	0.40	-101.40	2.62	
14:33	4.5		6.89	639.50	12.84	0.34	-106.70	2.40	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/24/2025 14:33
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.89 pH 639.50 Spec. Cond. 12.84 Temp
Field Filtered: No Filter Type:
Water Level: 8.11 feet below TOC Drawdown: 0.55 feet

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

- Field Meter: 210756

Form Completed By:

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-05
Sample ID: 005
Date (s): 2/24/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 13:35 Static Water Level: 25.71 feet below TOC
Total Depth: 41.70 feet below TOC
Water Column: 15.99 feet

Purging Activities

Purged By: PY Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.99 ft. x 0.022 = 0.35 L x 3 Vol. = 1.05 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
13:35	0.0	333	purge start time						
13:44	3.0	↓	6.58	1,030.00	14.63	1.14	-7.10	6.42	
13:47	4.0		6.57	1,033.10	14.66	0.76	-10.70	7.37	
13:50	5.0		6.57	1,035.00	14.62	0.61	-12.50	7.00	
13:53	6.0		6.56	1,036.30	14.61	0.54	-13.10	6.49	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/24/2025 13:52
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.56 pH 1,036.30 Spec. Cond. 14.61 Temp
Field Filtered: No Filter Type:
Water Level: 29.59 feet below TOC Drawdown: 3.88 feet

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

- Field Meter: 210756

Form Completed By:

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-06
Sample ID: 006
Date (s): 2/24/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☒ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Groundwater Level Measurements

Date/Time Measured: 2/24/2025 12:10 Static Water Level: 9.29 feet below TOC
Total Depth: 22.00 feet below TOC
Water Column: 12.71 feet

Purging Activities

Purged By: PY Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $12.71 \text{ ft.} \times 0.022 = 0.28 \text{ L} \times 3 \text{ Vol.} = 0.84 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 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
12:25	0.0	306	purge start time						
12:34	2.8	↓	6.46	571.30	12.50	6.73	84.80	12.68	
12:37	3.7		6.46	570.10	12.45	6.60	86.20	12.16	
12:40	4.6		6.46	569.70	12.37	6.54	87.90	11.42	
12:43	5.5		6.46	569.30	12.34	6.51	89.70	11.88	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/24/2025 12:43
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.46 pH 569.30 Spec. Cond. 12.34 Temp
Field Filtered: No Filter Type:
Water Level: 9.94 feet below TOC Drawdown: 0.65 feet

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

- Field Meter: 210756

Form Completed By:

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-07
Sample ID: 007
Date (s): 2/24/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 12:56 Static Water Level: 9.28 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 12.52 feet

Purging Activities

Purged By: PY Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $12.52 \text{ ft.} \times 0.022 = 0.28 \text{ L} \times 3 \text{ Vol.} = 0.84 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 9.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Orange

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
12:57	0.0	391	purge start time						
13:08	4.3	↓	6.97	744.00	11.47	0.59	61.70	89.36	
13:11	5.5		6.97	746.60	11.24	0.41	45.50	37.75	
13:14	6.7		6.96	754.40	11.12	0.35	22.00	27.19	
13:17	7.8		6.97	758.10	11.03	0.32	0.20	34.76	
13:20	9.0		6.97	762.10	10.99	0.32	-16.40	35.31	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/24/2025 13:20
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.97 pH 762.10 Spec. Cond. 10.99 Temp
Field Filtered: No Filter Type:
Water Level: 9.31 feet below TOC Drawdown: 0.03 feet

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

- Field Meter: 210756

Form Completed By:


 TekLab Inc.
Environmental Laboratory

Date: 2/24/2025

Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-07S
Sample ID: 008
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 14:09 Static Water Level: 9.16 feet below TOC
Total Depth: 13.49 feet below TOC
Water Column: 4.33 feet

Purging Activities

Purged By: BG Purge Date: 2/24/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $4.33 \text{ ft.} \times 0.022 = 0.1 \text{ L} \times 3 \text{ Vol.} = 0.3 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
14:09	0.0	250	purge start time						
14:13	1.0	↓	6.84	2,154.80	12.15	5.32	-56.10	104.60	
14:16	1.8		6.84	2,152.30	12.47	3.68	-58.00	13.33	
14:19	2.5		6.84	2,158.00	12.88	2.84	-60.10	4.33	
14:22	3.3		6.84	2,160.90	13.04	2.39	-61.30	3.26	
14:25	4.0		6.83	2,162.90	13.10	2.13	-62.20	3.15	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/24/2025 14:25
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.83 pH 2,162.90 Spec. Cond. 13.10 Temp
Field Filtered: No Filter Type:
Water Level: 9.86 feet below TOC Drawdown: 0.70 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-08
Sample ID: 009
Date (s): 2/25/2025

Field Team Members

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

Weather Conditions

Temp: 50 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/25/2025 10:09 Static Water Level: 9.26 feet below TOC
Total Depth: 24.00 feet below TOC
Water Column: 14.74 feet

Purging Activities

Purged By: JC Purge Date: 2/25/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $14.74 \text{ ft.} \times 0.022 = 0.32 \text{ L} \times 3 \text{ Vol.} = 0.96 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
10:09	0.0	250	purge start time						
10:13	1.0	↓	6.53	923.80	12.93	1.63	119.00	3.57	
10:16	1.8		6.51	922.40	13.09	1.23	120.10	3.23	
10:19	2.5		6.50	921.80	13.18	1.04	120.30	3.10	
10:22	3.3		6.49	919.20	13.25	0.94	120.40	2.70	
10:25	4.0		6.48	919.00	13.42	0.87	120.30	2.17	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/25/2025 10:25
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.48 pH 919.00 Spec. Cond. 13.42 Temp
Field Filtered: No Filter Type:
Water Level: 9.89 feet below TOC Drawdown: 0.63 feet

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

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-08S
Sample ID: 010
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 48 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 2/24/2025 9:26

Static Water Level: 9.54 feet below TOC
Total Depth: 10.02 feet below TOC
Water Column: 0.48 feet

Purging Activities

Purged By: JC Purge Date: 2/24/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $0.48 \text{ ft.} \times 0.022 = 0.01 \text{ L} \times 3 \text{ Vol.} = 0.03 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 0.10 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
9:26	0.1				purge start time				

Sampling Activities

Sampled By: JC Sample Date/Time: 2/25/2025 DRY
Sample Method: Sample Equipment: Peristaltic Pump
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: 50115
- Well dry after ~0.10L purged
- 2nd attempt to sample on 2/25; DTW= 10.01'
- Dry; no sample

Form Completed By:

Justin Colp

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-09
Sample ID: 011
Date (s): 2/25/2025

Field Team Members

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

Weather Conditions

Temp: 45 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/25/2025 8:55 Static Water Level: 7.82 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 13.98 feet

Purging Activities

Purged By: JC Purge Date: 2/25/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $13.98 \text{ ft.} \times 0.022 = 0.31 \text{ L} \times 3 \text{ Vol.} = 0.93 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
8:57	0.0	286	purge start time						
9:02	1.4	↓	6.46	749.80	12.07	6.52	102.50	4.58	
9:05	2.3		6.48	743.20	12.07	6.44	105.90	5.89	
9:08	3.1		6.50	741.10	12.03	6.38	108.00	9.03	
9:11	4.0		6.52	738.80	12.12	6.32	109.50	11.24	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/25/2025 9:11
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.52 pH 738.80 Spec. Cond. 12.12 Temp
Field Filtered: No Filter Type:
Water Level: 8.58 feet below TOC Drawdown: 0.76 feet

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

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-10
Sample ID: 012
Date (s): 2/25/2025

Field Team Members

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

Weather Conditions

Temp: 47 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/25/2025 9:35 Static Water Level: 11.40 feet below TOC
Total Depth: 21.90 feet below TOC
Water Column: 10.50 feet

Purging Activities

Purged By: JC Purge Date: 2/25/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $10.5 \text{ ft.} \times 0.022 = 0.23 \text{ L} \times 3 \text{ Vol.} = 0.69 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
9:36	0.0	308	purge start time						
9:40	1.2	↓	6.31	1,123.90	12.64	3.49	123.70	2.77	
9:43	2.2		6.29	1,097.30	12.60	3.37	124.10	2.26	
9:46	3.1		6.29	1,087.10	12.59	3.22	124.20	1.90	
9:49	4.0		6.29	1,082.20	12.70	3.12	124.70	1.62	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/25/2025 9:49
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.29 pH 1,082.20 Spec. Cond. 12.70 Temp
Field Filtered: No Filter Type:
Water Level: 12.06 feet below TOC Drawdown: 0.66 feet

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

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-11
Sample ID: 013
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 51 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 10:44 Static Water Level: 11.64 feet below TOC
Total Depth: 23.50 feet below TOC
Water Column: 11.86 feet

Purging Activities

Purged By: JC Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.86 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: 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
10:45	0.0	227	purge start time						
10:49	0.9	↓	6.86	787.10	13.27	2.41	71.10	3.42	
10:52	1.6		6.84	793.30	13.35	1.72	72.30	2.73	
10:55	2.3		6.84	794.40	13.36	1.48	72.90	2.71	
10:58	3.0		6.84	794.90	13.41	1.33	72.90	2.60	
11:01	3.6		6.84	795.40	13.37	1.18	71.70	2.56	
11:04	4.3		6.83	796.10	13.41	1.05	69.30	1.90	
11:07	5.0		6.83	797.00	13.44	0.97	66.10	1.28	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/24/2025 11:07
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.83 pH 797.00 Spec. Cond. 13.44 Temp
Field Filtered: No Filter Type: _____
Water Level: 13.21 feet below TOC Drawdown: 1.57 feet

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

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-12
Sample ID: 014
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 58 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 13:15 Static Water Level: 4.97 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 16.83 feet

Purging Activities

Purged By: BG Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.83 ft. x 0.022 = 0.37 L x 3 Vol. = 1.11 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Lt Brown

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
13:15	0.0	190	purge start time						
13:21	1.1	↓	6.89	2,108.80	13.01	6.71	-43.80	39.58	
13:24	1.7		6.84	2,106.80	12.76	4.58	-39.50	931.81	
13:27	2.3		7.27	2,105.60	13.17	5.73	-32.10	562.87	
13:30	2.9		6.82	2,096.90	12.56	3.05	-19.00	293.02	
13:33	3.4		6.80	2,112.30	12.54	2.33	-15.60	172.78	
13:36	4.0		6.79	2,121.10	12.50	1.98	-13.70	124.99	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/24/2025 13:36
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.79 pH 2,121.10 Spec. Cond. 12.50 Temp
Field Filtered: No Filter Type:
Water Level: 5.21 feet below TOC Drawdown: 0.24 feet

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

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-20
Sample ID: 015
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 49 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 10:13 Static Water Level: 6.09 feet below TOC
Total Depth: 26.25 feet below TOC
Water Column: 20.16 feet

Purging Activities

Purged By: BG Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 20.16 ft. x 0.022 = 0.44 L x 3 Vol. = 1.32 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
10:13	0.0	190	purge start time						
10:16	0.6	↓	7.12	1,524.70	12.16	7.17	134.00	3.70	
10:16	0.6		7.12	1,524.90	12.16	7.07	134.00	3.86	
10:19	1.1		7.11	1,531.30	11.43	5.58	133.60	9.60	
10:22	1.7		7.10	1,521.70	11.42	4.90	133.10	37.69	
10:25	2.3		7.09	1,522.80	12.09	4.45	129.10	41.82	
10:28	2.9		7.09	1,524.80	11.97	4.17	120.90	48.61	
10:31	3.4		7.08	1,524.30	11.94	3.97	115.10	62.85	
10:34	4.0		7.08	1,524.50	11.88	3.84	108.00	39.38	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/24/2025 10:34
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.08 pH 1,524.50 Spec. Cond. 11.88 Temp
Field Filtered: No Filter Type:
Water Level: 6.34 feet below TOC Drawdown: 0.25 feet

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

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-20S
Sample ID: 016
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 48 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 9:52 Static Water Level: 6.24 feet below TOC
Total Depth: 12.21 feet below TOC
Water Column: 5.97 feet

Purging Activities

Purged By: BG Purge Date: 2/24/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $5.97 \text{ ft.} \times 0.022 = 0.13 \text{ L} \times 3 \text{ Vol.} = 0.39 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 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
9:52	0.0	176	purge start time						
9:57	0.9	↓	7.01	2,212.60	8.72	7.16	142.00	10.23	
10:00	1.4		6.98	2,151.10	8.71	6.40	140.90	9.76	
10:03	1.9		6.95	2,103.80	8.78	5.82	139.80	9.73	
10:06	2.5		6.91	2,037.60	8.94	5.30	139.00	9.77	
10:09	3.0		6.89	1,992.90	9.18	4.85	137.80	10.03	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/24/2025 10:09
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.89 pH 1,992.90 Spec. Cond. 9.18 Temp
Field Filtered: No Filter Type:
Water Level: 6.23 feet below TOC Drawdown: -0.01 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-23
Sample ID: 017
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 53 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 11:33 Static Water Level: 15.86 feet below TOC
Total Depth: 30.27 feet below TOC
Water Column: 14.41 feet

Purging Activities

Purged By: JC Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $14.41 \text{ ft.} \times 0.022 = 0.32 \text{ L} \times 3 \text{ Vol.} = 0.96 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: Slight 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
11:34	0.0	250	purge start time						
11:43	2.3	↓	6.96	783.40	14.11	2.79	-77.00	4.09	
11:46	3.0		6.94	783.60	14.10	2.59	-78.20	3.32	
11:49	3.8		6.95	783.20	14.12	2.57	-76.80	2.79	
11:52	4.5		6.93	783.10	14.14	2.39	-74.30	2.47	
11:55	5.3		6.92	783.60	14.17	2.26	-73.60	2.12	
11:58	6.0		6.90	783.10	14.15	2.16	-71.70	3.83	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/24/2025 11:58
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH 783.10 Spec. Cond. 14.15 Temp
Field Filtered: No Filter Type:
Water Level: 20.02 feet below TOC Drawdown: 4.16 feet

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

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-27
Sample ID: 018
Date (s): 2/25/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 47 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/25/2025 9:33 Static Water Level: 14.18 feet below TOC
Total Depth: 17.70 feet below TOC
Water Column: 3.52 feet

Purging Activities

Purged By: PY Purge Date: 2/25/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $3.52 \text{ ft.} \times 0.022 = 0.08 \text{ L} \times 3 \text{ Vol.} = 0.24 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 2.00 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
9:38	0.0	167	purge start time						
9:41	0.5	↓	6.70	1,176.80	12.83	6.14	142.80	21.85	
9:44	1.0		6.74	1,177.60	12.87	6.63	137.70	19.07	
9:47	1.5		6.77	1,177.40	12.87	6.90	135.10	14.34	
9:50	2.0		6.79	1,180.00	12.85	7.03	133.30	10.14	

Sampling Activities

Sampled By: TC Sample Date/Time: 2/25/2025 9:50
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.79 pH 1,180.00 Spec. Cond. 12.85 Temp
Field Filtered: No Filter Type:
Water Level: 15.63 feet below TOC Drawdown: 1.45 feet

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

- Field Meter: 210756

Form Completed By:

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-28
Sample ID: 019
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 59 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 13:43 Static Water Level: 6.43 feet below TOC
Total Depth: 25.07 feet below TOC
Water Column: 18.64 feet

Purging Activities

Purged By: BG Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $18.64 \text{ ft.} \times 0.022 = 0.41 \text{ L} \times 3 \text{ Vol.} = 1.23 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
13:43	0.0	222	purge start time						
13:46	0.7	↓	6.77	2,995.40	13.13	6.01	48.20	3.81	
13:49	1.3		6.74	2,721.90	12.60	3.78	62.00	2.33	
13:52	2.0		6.73	2,581.90	12.79	2.79	73.00	5.06	
13:55	2.7		6.73	2,718.10	12.81	2.31	82.10	25.59	
13:58	3.3		6.73	2,877.00	12.87	2.01	87.90	6.40	
14:01	4.0		6.73	2,981.80	12.86	1.81	94.10	3.13	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/24/2025 14:01
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.73 pH 2,981.80 Spec. Cond. 12.86 Temp
Field Filtered: No Filter Type:
Water Level: 6.86 feet below TOC Drawdown: 0.43 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-30
Sample ID: 020
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 53 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 12:45 Static Water Level: 23.98 feet below TOC
Total Depth: 42.47 feet below TOC
Water Column: 18.49 feet

Purging Activities

Purged By: BG Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $18.49 \text{ ft.} \times 0.022 = 0.41 \text{ L} \times 3 \text{ Vol.} = 1.23 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
12:45	0.0	267	purge start time						
12:48	0.8	↓	6.70	1,535.60	14.03	5.57	-58.10	10.14	
12:51	1.6		6.71	1,532.00	13.76	3.55	-64.00	4.65	
12:54	2.4		6.72	1,523.40	13.95	2.66	-72.90	4.08	
12:57	3.2		6.72	1,520.20	14.04	2.18	-75.90	4.79	
13:00	4.0		6.72	1,521.40	14.13	1.89	-77.40	4.09	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/24/2025 13:00
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.72 pH 1,521.40 Spec. Cond. 14.13 Temp
Field Filtered: No Filter Type:
Water Level: 24.32 feet below TOC Drawdown: 0.34 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-31
Sample ID: 021
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 53 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 11:20 Static Water Level: 29.61 feet below TOC
Total Depth: 42.32 feet below TOC
Water Column: 12.71 feet

Purging Activities

Purged By: BG Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $12.71 \text{ ft.} \times 0.022 = 0.28 \text{ L} \times 3 \text{ Vol.} = 0.84 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: 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
11:20	0.0	300	purge start time						
11:28	2.4	↓	6.74	1,585.00	13.42	2.66	-67.20	1.85	
11:31	3.3		6.73	1,594.10	13.51	2.23	-63.90	1.77	
11:34	4.2		6.74	1,594.00	13.53	1.97	-63.90	1.86	
11:37	5.1		6.74	1,595.30	13.57	1.79	-63.30	1.75	
11:40	6.0		6.74	1,597.60	13.60	1.67	-62.50	1.75	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/24/2025 11:40
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.74 pH 1,597.60 Spec. Cond. 13.60 Temp
Field Filtered: No Filter Type:
Water Level: 29.91 feet below TOC Drawdown: 0.30 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-31S
Sample ID: 022
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 53 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 11:51 Static Water Level: 20.91 feet below TOC
Total Depth: 32.41 feet below TOC
Water Column: 11.50 feet

Purging Activities

Purged By: BG Purge Date: 2/24/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.5 ft. x 0.022 = 0.25 L x 3 Vol. = 0.75 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
11:51	0.0	222	purge start time						
12:00	2.0	↓	6.68	1,939.20	13.38	3.05	-96.40	11.34	
12:03	2.7		6.70	1,933.20	13.87	2.64	-99.40	94.26	
12:06	3.3		6.80	1,909.30	14.04	2.29	-101.70	86.15	
12:09	4.0		6.82	1,875.60	14.28	2.06	-100.70	134.30	
12:12	4.7		6.82	1,869.70	14.37	1.86	-102.50	63.50	
12:15	5.3		6.83	1,865.10	14.46	1.74	-98.60	22.79	
12:18	6.0		6.83	1,862.40	14.40	1.67	-95.50	29.78	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/24/2025 12:18
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.83 pH 1,862.40 Spec. Cond. 14.40 Temp
Field Filtered: No Filter Type:
Water Level: 21.17 feet below TOC Drawdown: 0.26 feet

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

- Field Meter: 45720

Form Completed By: Brett Gillihan

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-32
Sample ID: 023
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 10:47 Static Water Level: 22.46 feet below TOC
Total Depth: 39.29 feet below TOC
Water Column: 16.83 feet

Purging Activities

Purged By: BG Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $16.83 \text{ ft.} \times 0.022 = 0.37 \text{ L} \times 3 \text{ Vol.} = 1.11 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
10:47	0.0	190	purge start time						
10:56	1.7	↓	6.56	1,965.10	14.09	3.58	55.10	1.72	
10:59	2.3		6.54	1,965.10	14.45	2.69	71.10	1.82	
11:02	2.9		6.54	1,965.60	14.50	2.27	81.00	1.70	
11:05	3.4		6.54	1,972.20	14.54	2.02	86.70	1.77	
11:08	4.0		6.54	1,977.10	14.54	1.84	90.10	1.75	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/24/2025 11:08
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.54 pH 1,977.10 Spec. Cond. 14.54 Temp
Field Filtered: No Filter Type:
Water Level: 23.41 feet below TOC Drawdown: 0.95 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: PZ-4C
Sample ID: 027
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 56 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 2/24/2025 12:56 Static Water Level: 6.55 feet below TOC
Total Depth: 23.18 feet below TOC
Water Column: 16.63 feet

Purging Activities

Purged By: JC Purge Date: 2/24/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $16.63 \text{ ft.} \times 0.022 = 0.37 \text{ L} \times 3 \text{ Vol.} = 1.11 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: Slight Color: It brown

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
12:58	0.0	250	purge start time						
13:06	2.0	↓	6.84	733.40	12.15	1.17	54.60	74.56	
13:09	2.8		6.84	733.50	12.02	1.06	52.20	61.67	
13:12	3.5		6.83	733.80	12.36	0.97	34.70	48.84	
13:15	4.3		6.82	734.60	12.47	0.91	-5.30	43.43	
13:18	5.0		6.82	735.60	12.67	0.87	-28.90	42.75	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/24/2025 13:18
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.82 pH 735.60 Spec. Cond. 12.67 Temp
Field Filtered: No Filter Type:
Water Level: 8.60 feet below TOC Drawdown: 2.05 feet

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

- Field Meter: 50115

Form Completed By:




Date: 2/24/2025

Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: SG-03
Sample ID: 028
Date (s): 2/24/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☒ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 2/24/2025 11:20

Static Water Level: 12.35 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; no sample

Form Completed By:

Tracy Carroll

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: XPW01
Sample ID: 029
Date (s): 2/25/2025

Field Team Members

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

Weather Conditions

Temp: 54 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/25/2025 11:01 Static Water Level: 19.84 feet below TOC
Total Depth: 34.36 feet below TOC
Water Column: 14.52 feet

Purging Activities

Purged By: BG Purge Date: 2/25/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $14.52 \text{ ft.} \times 0.022 = 0.32 \text{ L} \times 3 \text{ Vol.} = 0.96 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: 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
11:01	0.0	273	purge start time						
11:11	2.7	↓	8.02	1,075.40	5.68	10.03	42.60	1.99	
11:14	3.5		8.02	1,075.60	5.63	10.14	48.60	1.92	
11:17	4.4		8.02	1,074.10	5.63	10.19	53.50	1.90	
11:20	5.2		8.02	1,075.10	5.57	10.25	57.80	1.94	
11:23	6.0		8.02	1,073.60	5.54	10.30	61.30	1.72	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/25/2025 11:23
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 8.02 pH 1,073.60 Spec. Cond. 5.54 Temp
Field Filtered: No Filter Type:
Water Level: 20.21 feet below TOC Drawdown: 0.37 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: XPW02
Sample ID: 030
Date (s): 2/25/2025

Field Team Members

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

Weather Conditions

Temp: 50 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/25/2025 10:16 Static Water Level: 16.32 feet below TOC
Total Depth: 25.28 feet below TOC
Water Column: 8.96 feet

Purging Activities

Purged By: BG Purge Date: 2/25/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $8.96 \text{ ft.} \times 0.022 = 0.2 \text{ L} \times 3 \text{ Vol.} = 0.6 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Brown

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
10:16	0.0	258	purge start time						
10:32	4.1	↓	6.76	1,262.80	14.95	2.21	-67.70	739.69	
10:35	4.9		6.74	1,271.00	15.04	1.94	-69.00	471.89	
10:38	5.7		6.74	1,269.10	15.06	1.78	-70.00	761.94	
10:41	6.5		6.74	1,261.90	15.07	1.67	-70.20	1382.62	
10:44	7.2		6.74	1,257.70	15.08	1.57	-71.30	1007.63	
10:47	8.0		6.74	1,259.80	15.24	1.50	-72.60	1222.19	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/25/2025 10:47
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.74 pH 1,259.80 Spec. Cond. 15.24 Temp
Field Filtered: No Filter Type:
Water Level: 17.15 feet below TOC Drawdown: 0.83 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: XPW03
Sample ID: 031
Date (s): 2/25/2025

Field Team Members

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

Weather Conditions

Temp: 47 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/25/2025 9:30 Static Water Level: 14.96 feet below TOC
Total Depth: 22.78 feet below TOC
Water Column: 7.82 feet

Purging Activities

Purged By: BG Purge Date: 2/25/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $7.82 \text{ ft.} \times 0.022 = 0.17 \text{ L} \times 3 \text{ Vol.} = 0.51 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: Slight Color: darkbrown

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
9:30	0.0	229	purge start time						
9:38	1.8	↓	7.02	3,781.70	15.36	3.72	-6.80	491.24	
9:41	2.5		7.00	3,745.40	14.33	3.00	0.90	512.98	
9:44	3.2		7.00	3,687.80	13.87	2.69	7.50	624.67	
9:47	3.9		7.00	3,644.30	13.83	2.51	14.20	578.09	
9:50	4.6		7.00	3,601.10	13.73	2.37	17.50	576.02	
9:53	5.3		6.99	3,538.30	13.77	2.22	17.40	545.43	
9:56	5.9		6.99	3,486.20	13.76	2.10	16.40	686.21	
9:59	6.6		6.97	3,435.10	15.36	1.85	17.90	3461.40	
10:02	7.3		6.97	3,546.50	15.65	1.68	16.50	7069.00	
10:05	8.0		6.98	3,612.80	15.64	1.75	5.50	2100.31	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/25/2025 10:05
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.98 pH 3,612.80 Spec. Cond. 15.64 Temp
Field Filtered: No Filter Type:
Water Level: 15.38 feet below TOC Drawdown: 0.42 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: XPW04
Sample ID: 032
Date (s): 2/25/2025

Field Team Members

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

Weather Conditions

Temp: 46 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/25/2025 9:01 Static Water Level: 2.63 feet below TOC
Total Depth: 24.96 feet below TOC
Water Column: 22.33 feet

Purging Activities

Purged By: BG Purge Date: 2/25/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $22.33 \text{ ft.} \times 0.022 = 0.49 \text{ L} \times 3 \text{ Vol.} = 1.47 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: 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
9:01	0.0	316	purge start time						
9:08	2.2	↓	6.87	969.50	10.78	4.61	-98.10	45.64	
9:11	3.2		6.87	958.50	11.51	3.48	-104.00	61.98	
9:14	4.1		6.88	954.00	11.48	2.82	-110.70	39.05	
9:17	5.1		6.89	944.70	11.47	2.45	-113.30	16.64	
9:20	6.0		6.89	944.80	11.19	2.22	-114.60	11.98	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/25/2025 9:20
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.89 pH 944.80 Spec. Cond. 11.19 Temp
Field Filtered: No Filter Type:
Water Level: 2.64 feet below TOC Drawdown: 0.01 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: XSG-01
Sample ID: 033
Date (s): 2/24/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☒ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 2/24/2025 10:01

Static Water Level: 4.06 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; no sample

Form Completed By:

Tracy Carroll

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: Field Blank
Sample ID: 034
Date (s):

Field Team Members

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

Weather Conditions

Temp: 46 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured:

Static Water Level: feet below TOC

Total Depth: - feet below TOC

Water Column: #VALUE! feet

Purging Activities

Purged By: JC 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: JC Sample Date/Time: 2/25/2025 11:11
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)

- Field Meter: 50115
- QA/QC Sample

Form Completed By:

Justin Colp

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-01 Duplicate
Sample ID: 035
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 58 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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		X
Protective Casing	<u>Good</u>	Well		X
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 2/24/2025 13:35 Static Water Level: 16.11 feet below TOC
Total Depth: 27.10 feet below TOC
Water Column: 10.99 feet

Purging Activities

Purged By: JC Purge Date: 2/24/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 10.99 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 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
13:36	0.0	263	purge start time						
13:40	1.1	↓	6.57	411.80	13.09	2.92	29.70	10.50	
13:43	1.8		6.49	409.80	13.00	2.47	45.30	2.61	
13:46	2.6		6.46	408.60	12.97	2.21	54.60	2.24	
13:49	3.4		6.45	407.10	12.99	1.98	60.70	1.96	
13:52	4.2		6.44	406.80	12.98	1.78	65.40	1.47	
13:55	5.0		6.44	407.30	12.94	1.61	69.00	0.83	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/24/2025 13:55
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.44 pH 407.30 Spec. Cond. 12.94 Temp
Field Filtered: No Filter Type:
Water Level: 16.32 feet below TOC Drawdown: 0.21 feet

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

- Field Meter: 50115

Form Completed By: Justin Colp

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-09 Duplicate
Sample ID: 036
Date (s): 2/25/2025

Field Team Members

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

Weather Conditions

Temp: 45 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/25/2025 8:55 Static Water Level: 7.82 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 13.98 feet

Purging Activities

Purged By: JC Purge Date: 2/25/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $13.98 \text{ ft.} \times 0.022 = 0.31 \text{ L} \times 3 \text{ Vol.} = 0.93 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
8:57	0.0	286	purge start time						
9:02	1.4	↓	6.46	749.80	12.07	6.52	102.50	4.58	
9:05	2.3		6.48	743.20	12.07	6.44	105.90	5.89	
9:08	3.1		6.50	741.10	12.03	6.38	108.00	9.03	
9:11	4.0		6.52	738.80	12.12	6.32	109.50	11.24	

Sampling Activities

Sampled By: JC Sample Date/Time: 2/25/2025 9:11
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.52 pH 738.80 Spec. Cond. 12.12 Temp
Field Filtered: No Filter Type:
Water Level: 8.58 feet below TOC Drawdown: 0.76 feet

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

- Field Meter: 50115

Form Completed By:

Justin Colp

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: MW-31 Duplicate
Sample ID: 037
Date (s): 2/24/2025

Field Team Members

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

Weather Conditions

Temp: 53 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/24/2025 11:20 Static Water Level: 29.61 feet below TOC
Total Depth: 42.32 feet below TOC
Water Column: 12.71 feet

Purging Activities

Purged By: BG Purge Date: 2/24/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $12.71 \text{ ft.} \times 0.022 = 0.28 \text{ L} \times 3 \text{ Vol.} = 0.84 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: 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
11:20	0.0	300	purge start time						
11:28	2.4	↓	6.74	1,585.00	13.42	2.66	-67.20	1.85	
11:31	3.3		6.73	1,594.10	13.51	2.23	-63.90	1.77	
11:34	4.2		6.74	1,594.00	13.53	1.97	-63.90	1.86	
11:37	5.1		6.74	1,595.30	13.57	1.79	-63.30	1.75	
11:40	6.0		6.74	1,597.60	13.60	1.67	-62.50	1.75	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/24/2025 11:40
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.74 pH 1,597.60 Spec. Cond. 13.60 Temp
Field Filtered: No Filter Type:
Water Level: 29.91 feet below TOC Drawdown: 0.30 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/24/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: XPW03 Duplicate
Sample ID: 038
Date (s): 2/25/2025

Field Team Members

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

Weather Conditions

Temp: 47 °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 2/25/2025 9:30 Static Water Level: 14.96 feet below TOC
Total Depth: 22.78 feet below TOC
Water Column: 7.82 feet

Purging Activities

Purged By: BG Purge Date: 2/25/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $7.82 \text{ ft.} \times 0.022 = 0.17 \text{ L} \times 3 \text{ Vol.} = 0.51 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: Slight Color: darkbrown

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
9:30	0.0	229	purge start time						
9:38	1.8	↓	7.02	3,781.70	15.36	3.72	-6.80	491.24	
9:41	2.5		7.00	3,745.40	14.33	3.00	0.90	512.98	
9:44	3.2		7.00	3,687.80	13.87	2.69	7.50	624.67	
9:47	3.9		7.00	3,644.30	13.83	2.51	14.20	578.09	
9:50	4.6		7.00	3,601.10	13.73	2.37	17.50	576.02	
9:53	5.3		6.99	3,538.30	13.77	2.22	17.40	545.43	
9:56	5.9		6.99	3,486.20	13.76	2.10	16.40	686.21	
9:59	6.6		6.97	3,435.10	15.36	1.85	17.90	3461.40	
10:02	7.3		6.97	3,546.50	15.65	1.68	16.50	7069.00	
10:05	8.0		6.98	3,612.80	15.64	1.75	5.50	2100.31	

Sampling Activities

Sampled By: BG Sample Date/Time: 2/25/2025 10:05
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.98 pH 3,612.80 Spec. Cond. 15.64 Temp
Field Filtered: No Filter Type:
Water Level: 15.38 feet below TOC Drawdown: 0.42 feet

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

- Field Meter: 45720

Form Completed By:

Brett Gillihan

Date: 2/25/2025



Field Data Sheet

Project Name: KIN-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: Equipment Blank 1
Sample ID: 039
Date (s):

Field Team Members

Name: Affiliation:
Name: Affiliation:

Weather Conditions

Temp: °F

Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: Equipment Blank 2
Sample ID: 040
Date (s):

Field Team Members

Name: Affiliation:
Name: Affiliation:

Weather Conditions

Temp: °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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: 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-25Q1
Project Location: Kincaid, IL
W.O. Number (s): 25020672

Monitoring Point: Equipment Blank 3
Sample ID: 041
Date (s):

Field Team Members

Name: Affiliation:
Name: Affiliation:

Weather Conditions

Temp: °F

Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☐ None ☐ Light ☐ Heavy

Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		X
Well		

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-25Q1
LIMS Workorder: 25020672
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Kincaid- 1Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 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 50115 Technician(s): justin colp Date: 2/24/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230619c	4.00	2/24/25 9:17
7.0 Buffer	wc240913b	7.00	2/24/25 9:13
10.0 Buffer	wc240625b	10.00	2/24/25 9:20
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/24/25 9:28

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.43	2/24/25 9:28
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	2/24/25 9:30	19.7	7.00	1,411	0.43		
CCV-1-JC	CCV	2/24/25 14:44	20.8	7.02	1,415	0.55		

Comments: _____

Field Meter ID: Pine 50115 Technician(s): justin colp Date: 2/25/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230619c	4.00	2/25/25 8:37
7.0 Buffer	wc240913b	7.00	2/25/25 8:34
10.0 Buffer	wc240625b	10.00	2/25/25 8:40
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/25/25 8:47

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.62	2/25/25 8:47
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	2/25/25 8:49	12.1	6.99	1,415	0.64		
CCV-2-JC	CCV	2/25/25 11:28	14.7	7.01	1,419	0.62		

Comments: _____

Site Sampling Event: KIN-25Q1
LIMS Workorder: 25020672
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Kincaid- 1Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 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 210756 Technician(s): Tracy Carroll Date: 2/24/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230619C	4.00	2/24/25 12:13
7.0 Buffer	WC240913B	7.00	2/24/25 12:12
10.0 Buffer	WC240625B	10.00	2/24/25 12:16
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/24/25 12:22

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
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-TC	LCS	2/24/25 12:24	14.3	7.03	1,411	0.92		
CCV-1-TC	CCV	2/24/25 14:58	18.1	7.03	1,470	0.7		

Comments: _____

Field Meter ID: Pine 210756 Technician(s): Tracy Carroll Date: 2/25/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230619C	4.01	2/25/25 9:19
7.0 Buffer	WC240913B	7.00	2/25/25 9:16
10.0 Buffer	WC240625B	10.00	2/25/25 9:21
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	2/25/25 9:21

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
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-TC	LCS	2/25/25 9:23	10.6	7.02	1,417	0.39		
CCV-2-TC	CCV	2/25/25 11:42	16.2	7.02	1,388	0.72		

Comments: _____

Site Sampling Event: KIN-25Q1
LIMS Workorder: 25020672
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Kincaid- 1Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 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 45720 Technician(s): Brett Gillihan Date: 2/24/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230619c	4.02	2/24/25 9:23
7.0 Buffer	wc240913b	7.02	2/24/25 9:19
10.0 Buffer	wc240625b	10.03	2/24/25 9:29
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1419	2/24/25 9:36

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
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	2/24/25 9:37	7.3	7.02	1,419			
CCV-1-BG	CCV	2/24/25 14:45	10.5	7.02	1,419			

Comments: _____

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 2/25/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230619c	4.03	2/25/25 8:31
7.0 Buffer	wc240913b	7.01	2/25/25 8:24
10.0 Buffer	wc240625b	10.04	2/25/25 8:37
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1415	2/25/25 8:51

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
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	2/25/25 8:58	15.4	7.01	1,415			
CCV-2-BG	CCV	2/25/25 12:12	18.3	7.02	1,415			

Comments: _____



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 45720
Description YSI Pro DSS
Calibrated 1/30/2025 4:32:35PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 19E101794
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.08	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.16	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.08	10.05	0.50%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.30	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	106.61	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.435	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	237.60	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
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INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 45720
Description YSI Pro DSS
Calibrated 1/30/2025 4:32:35PM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	81.90	99.60	-0.40%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL AUTOCAL LOT#24014218	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24014218		9/25/2025
STL ORP SOLUTION 240MV L#4GG0438	STL ORP SOLUTION 240MV L#4GG0438	AquaPhoenix Scientific	ORP Solution	4GG0438		4/25/2025
STL PH10 #4GB0253	STL PH10 #4GB0253	Absolute Accuracy	PH 10	4GB0253		2/25/2026
STL PH4 L#4GG0029	STL pH4 L#4GG0029	AquaPhoenix Scientific	pH 4	4GG0029		7/25/2026
STL PH7 L#4GG1129	STL PH7 L#4GG1129	AquaPhoenix Scientific	PH7	4GG1129		7/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 50115
Description YSI Pro DSS
Calibrated 1/30/2025 4:35:32PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 21C102193
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.25	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.34	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.18	10.05	0.50%	Pass

Group # 2
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.269	1.413	0.00%	Pass

Group # 3
Group Name Turbidity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.38	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	91.87	124.00	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	229.20	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
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INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 50115
Description YSI Pro DSS
Calibrated 1/30/2025 4:35:32PM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
100.00 / 100.00	%	100.00	%	99.00	99.10	-0.90%	Pass

<u>Test Instruments Used During the Calibration</u>					<u>(As Of Cal Entry Date)</u>	
<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date / Opened Date</u>	<u>Next Cal Date / Expiration Date</u>
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL AUTOCAL LOT#24014218	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24014218		9/25/2025
STL ORP SOLUTION 240MV L#4GG0438	STL ORP SOLUTION 240MV L#4GG0438	AquaPhoenix Scientific	ORP Solution	4GG0438		4/25/2025
STL PH10 #4GB0253	STL PH10 #4GB0253	Absolute Accuracy	PH 10	4GB0253		2/25/2026
STL PH4 L#4GG0029	STL pH4 L#4GG0029	AquaPhoenix Scientific	pH 4	4GG0029		7/25/2026
STL PH7 L#4GG1129	STL PH7 L#4GG1129	AquaPhoenix Scientific	PH7	4GG1129		7/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

8940 Activity Rd. - Suite G
San Diego, CA 92126
Toll Free: 858-368-9197

Pine Environmental Services, Inc.

Instrument ID 210756
Description YSI Pro DSS
Calibrated 1/28/2025 6:07:47PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot 22C103121
Number
Location San Diego
Department

State Certified
Status Pass
Temp °C 20
Humidity % 56

Calibration Specifications

Group # 1 Group Name PH Stated Accy Pct of Reading				Range Acc % 0.0000 Reading Acc % 3.0000 Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.02	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.10	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.05	10.00	0.00%	Pass
Group # 2 Group Name Turbidity Stated Accy Pct of Reading				Range Acc % 0.0000 Reading Acc % 3.0000 Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	-0.56	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	122.00	124.00	0.00%	Pass
Group # 3 Group Name Conductivity Stated Accy Pct of Reading				Range Acc % 0.0000 Reading Acc % 3.0000 Plus/Minus 0.000			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.411	1.413	0.00%	Pass
Group # 4 Group Name Redox (ORP) Stated Accy Pct of Reading				Range Acc % 0.0000 Reading Acc % 3.0000 Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	241.00	240.00	0.00%	Pass
Group # 5 Group Name Dissolved Oxygen Span Stated Accy Pct of Reading				Range Acc % 0.0000 Reading Acc % 3.0000 Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

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Pine Environmental Services, Inc.

Instrument ID 210756
Description YSI Pro DSS
Calibrated 1/28/2025 6:07:47PM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
Nom In Val / In Val	In Type	Out Val	Out Type	End As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	98.50	100.00	0.00%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
SD 126 NTU (24E24011653)	SD 126 NTU (24E24011653)	Pine Environmental Services, Inc.		24E24011653		5/30/2025
SD 1413 US/CM	SD 1413 uS/cm (9GL801)	Pine Environmental Services, Inc.	31986	9GL801		12/31/2025
SD 240 ORP (4GJ1196)	SD240 ORP (4GJ1196)	Pine Environmental Services, Inc.		4GJ1196		7/30/2025
SD O NTU TURB (24012185)	SD O NTU TURB (24012185)	Pine Environmental Services, Inc.		24012185		6/30/2025
SD PH 10 (4GE0716)	SD PH 10 (4GE0716)	Pine Environmental Services, Inc.		4GE0716		5/30/2026
SD PH 4 (4GE1065)	SD PH 4 (4GE1065)	Pine Environmental Services, Inc.		4GE1065		5/30/2026
SD PH 7 (4GE0713)	SD PH 7 (4GE0713)	Pine Environmental Services, Inc.		4GE0713		5/30/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Edwin Deleon

**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 1, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	31	97	CI around median	0.001	0.001
MW-3	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.001	0.00480
MW-3	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	31	0	CI around median	0.0453	0.150
MW-3	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.001	0.001
MW-3	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	31	0	CI around median	1.57	0.296
MW-3	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.001	0.001
MW-3	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	31	0	CB around linear reg	26.7	18.0
MW-3	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	31	97	CB around T-S line	0.0015	0.00950
MW-3	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	31	86	CI around median	0.001	0.00390
MW-3	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	31	8	CI around mean	0.242	0.510
MW-3	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.001	0.00510
MW-3	UA	E008	Lithium, total	mg/L	02/25/21 - 02/24/25	17	94	CI around median	0.003	0.0120
MW-3	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.0002	0.0002
MW-3	UA	E008	Molybdenum, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.0015	0.00620
MW-3	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	31	0	CB around linear reg	6.5/6.8	5.6/7.6
MW-3	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 02/24/25	27	0	CI around median	0.271	1.00
MW-3	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	31	100	All ND - Last	0.001	0.00180
MW-3	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	31	0	CB around linear reg	111	151
MW-3	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	31	97	CB around T-S line	0.002	0.002
MW-3	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	31	0	CB around linear reg	540	494
MW-5	UA	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.001
MW-5	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	35	80	CB around T-S line	0.001	0.00480
MW-5	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	35	0	CB around T-S line	0.151	0.150
MW-5	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.001
MW-5	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	0.533	0.296
MW-5	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.001	0.001
MW-5	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	43.8	18.0

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	35	90	CB around T-S line	0.0015	0.00950
MW-5	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	35	82	CI around median	0.001	0.00390
MW-5	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	35	10	CB around linear reg	0.178	0.510
MW-5	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	35	90	CI around median	0.001	0.00510
MW-5	UA	E008	Lithium, total	mg/L	12/15/15 - 02/24/25	27	33	CB around T-S line	0.003	0.0120
MW-5	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.0002	0.0002
MW-5	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/24/25	27	96	CB around T-S line	0.00147	0.00620
MW-5	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	35	0	CB around linear reg	6.4/6.7	5.6/7.6
MW-5	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/24/25	36	0	CI around median	0.3	1.00
MW-5	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	35	100	All ND - Last	0.001	0.00180
MW-5	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	35	32	CI around median	10	151
MW-5	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	32	97	CB around T-S line	0.002	0.002
MW-5	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	726	494
MW-6	UA	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.001
MW-6	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	35	100	All ND - Last	0.001	0.00480
MW-6	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	0.0376	0.150
MW-6	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.001
MW-6	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	0.976	0.296
MW-6	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.001	0.001
MW-6	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	35	58	CB around T-S line	2.6	18.0
MW-6	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	35	82	CB around T-S line	0.0015	0.00950
MW-6	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	35	98	CI around median	0.001	0.00390
MW-6	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	35	7	CB around linear reg	0.206	0.510
MW-6	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	35	98	CI around median	0.001	0.00510
MW-6	UA	E008	Lithium, total	mg/L	12/15/15 - 02/24/25	27	85	CB around T-S line	0.00293	0.0120
MW-6	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.0002	0.0002
MW-6	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/24/25	27	100	All ND - Last	0.0015	0.00620

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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-6	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	35	0	CB around linear reg	6.3/6.5	5.6/7.6
MW-6	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/24/25	36	0	CI around median	0.417	1.00
MW-6	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	35	90	CI around median	0.001	0.00180
MW-6	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	72.9	151
MW-6	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.002	0.002
MW-6	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	492	494
MW-7	UA	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.001
MW-7	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	35	65	CI around median	0.001	0.00480
MW-7	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	0.0478	0.150
MW-7	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.001
MW-7	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	35	0	CI around geomean	0.212	0.296
MW-7	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.001	0.001
MW-7	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	35	75	CI around median	4	18.0
MW-7	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	35	95	CB around T-S line	0.0015	0.00950
MW-7	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	35	75	CB around T-S line	0.001	0.00390
MW-7	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	35	7	CI around mean	0.254	0.510
MW-7	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	35	100	All ND - Last	0.001	0.00510
MW-7	UA	E008	Lithium, total	mg/L	12/15/15 - 02/24/25	27	44	CI around median	0.003	0.0120
MW-7	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.0002	0.0002
MW-7	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/24/25	27	4	CB around T-S line	0.00141	0.00620
MW-7	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	35	0	CB around linear reg	6.7/7.0	5.6/7.6
MW-7	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/24/25	36	0	CI around geomean	0.488	1.00
MW-7	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	35	100	All ND - Last	0.001	0.00180
MW-7	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	35	0	CI around geomean	182	151
MW-7	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.002	0.002
MW-7	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	591	494
MW-7S	USCU	E008	Antimony, total	mg/L	02/24/21 - 02/24/25	15	93	CI around median	0.001	0.001

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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-7S	USCU	E008	Arsenic, total	mg/L	02/24/21 - 02/24/25	15	0	CI around median	0.0069	0.00480
MW-7S	USCU	E008	Barium, total	mg/L	02/24/21 - 02/24/25	15	0	CI around median	0.0393	0.150
MW-7S	USCU	E008	Beryllium, total	mg/L	02/24/21 - 02/24/25	15	100	All ND - Last	0.001	0.001
MW-7S	USCU	E008	Boron, total	mg/L	02/24/21 - 02/24/25	15	0	CI around mean	4.04	0.296
MW-7S	USCU	E008	Cadmium, total	mg/L	02/24/21 - 02/24/25	15	100	All ND - Last	0.001	0.001
MW-7S	USCU	E008	Chloride, total	mg/L	02/24/21 - 02/24/25	15	0	CB around linear reg	5.8	18.0
MW-7S	USCU	E008	Chromium, total	mg/L	02/24/21 - 02/24/25	15	60	CI around median	0.0015	0.00950
MW-7S	USCU	E008	Cobalt, total	mg/L	02/24/21 - 02/24/25	15	13	CI around geomean	0.00107	0.00390
MW-7S	USCU	E008	Fluoride, total	mg/L	02/24/21 - 02/24/25	15	20	CI around median	0.29	0.510
MW-7S	USCU	E008	Lead, total	mg/L	02/24/21 - 02/24/25	15	80	CI around median	0.001	0.00510
MW-7S	USCU	E008	Lithium, total	mg/L	02/24/21 - 02/24/25	15	93	CI around median	0.003	0.0120
MW-7S	USCU	E008	Mercury, total	mg/L	02/24/21 - 02/24/25	15	100	All ND - Last	0.0002	0.0002
MW-7S	USCU	E008	Molybdenum, total	mg/L	02/24/21 - 02/24/25	15	67	CI around median	0.0015	0.00620
MW-7S	USCU	E008	pH (field)	SU	02/24/21 - 02/24/25	15	0	CI around median	6.5/6.8	5.6/7.6
MW-7S	USCU	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 02/24/25	15	0	CI around geomean	0.216	1.00
MW-7S	USCU	E008	Selenium, total	mg/L	02/24/21 - 02/24/25	15	100	All ND - Last	0.001	0.00180
MW-7S	USCU	E008	Sulfate, total	mg/L	02/24/21 - 02/24/25	15	0	CI around mean	442	151
MW-7S	USCU	E008	Thallium, total	mg/L	02/24/21 - 02/24/25	15	100	All ND - Last	0.002	0.002
MW-7S	USCU	E008	Total Dissolved Solids	mg/L	02/24/21 - 02/24/25	14	0	CI around median	1,010	494
MW-8	UA	E008	Antimony, total	mg/L	12/15/15 - 02/25/25	33	100	All ND - Last	0.001	0.001
MW-8	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/25/25	35	100	All ND - Last	0.001	0.00480
MW-8	UA	E008	Barium, total	mg/L	12/15/15 - 02/25/25	35	0	CB around linear reg	0.0199	0.150
MW-8	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/25/25	33	100	All ND - Last	0.001	0.001
MW-8	UA	E008	Boron, total	mg/L	12/15/15 - 02/25/25	35	0	CI around median	0.954	0.296
MW-8	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/25/25	32	100	All ND - Last	0.001	0.001
MW-8	UA	E008	Chloride, total	mg/L	12/15/15 - 02/25/25	35	0	CB around T-S line	13.5	18.0
MW-8	UA	E008	Chromium, total	mg/L	12/15/15 - 02/25/25	35	100	All ND - Last	0.0015	0.00950

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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-8	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/25/25	35	28	CI around geomean	0.00102	0.00390
MW-8	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/25/25	35	7	CB around T-S line	0.221	0.510
MW-8	UA	E008	Lead, total	mg/L	12/15/15 - 02/25/25	35	100	All ND - Last	0.001	0.00510
MW-8	UA	E008	Lithium, total	mg/L	12/15/15 - 02/25/25	27	59	CB around T-S line	0.003	0.0120
MW-8	UA	E008	Mercury, total	mg/L	12/15/15 - 02/25/25	32	100	All ND - Last	0.0002	0.0002
MW-8	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/25/25	27	100	All ND - Last	0.0015	0.00620
MW-8	UA	E008	pH (field)	SU	12/15/15 - 02/25/25	35	0	CB around linear reg	6.4/6.6	5.6/7.6
MW-8	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/25/25	36	0	CI around median	0.21	1.00
MW-8	UA	E008	Selenium, total	mg/L	12/15/15 - 02/25/25	35	100	All ND - Last	0.001	0.00180
MW-8	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/25/25	35	0	CB around linear reg	192	151
MW-8	UA	E008	Thallium, total	mg/L	12/15/15 - 02/25/25	32	100	All ND - Last	0.002	0.002
MW-8	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/25/25	35	0	CB around T-S line	755	494
MW-8S	USCU	E008	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-8S	USCU	E008	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.00480
MW-8S	USCU	E008	Barium, total	mg/L	--	--	--	--	NS ⁷	0.150
MW-8S	USCU	E008	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-8S	USCU	E008	Boron, total	mg/L	--	--	--	--	NS ⁷	0.296
MW-8S	USCU	E008	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-8S	USCU	E008	Chloride, total	mg/L	--	--	--	--	NS ⁷	18.0
MW-8S	USCU	E008	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.00950
MW-8S	USCU	E008	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.00390
MW-8S	USCU	E008	Fluoride, total	mg/L	--	--	--	--	NS ⁷	0.510
MW-8S	USCU	E008	Lead, total	mg/L	--	--	--	--	NS ⁷	0.00510
MW-8S	USCU	E008	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.0120
MW-8S	USCU	E008	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.0002
MW-8S	USCU	E008	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.00620
MW-8S	USCU	E008	pH (field)	SU	--	--	--	--	NS ⁷	5.6/7.6

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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-8S	USCU	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	1.00
MW-8S	USCU	E008	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.00180
MW-8S	USCU	E008	Sulfate, total	mg/L	--	--	--	--	NS ⁷	151
MW-8S	USCU	E008	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002
MW-8S	USCU	E008	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	494
MW-11	UA	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	33	97	CI around median	0.001	0.001
MW-11	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	35	29	CI around median	0.0011	0.00480
MW-11	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	35	0	CB around T-S line	0.107	0.150
MW-11	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.001
MW-11	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	1.54	0.296
MW-11	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.001	0.001
MW-11	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	35	0	CB around T-S line	26.7	18.0
MW-11	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	35	97	CB around T-S line	0.0015	0.00950
MW-11	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	35	91	CI around median	0.001	0.00390
MW-11	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	35	9	CI around median	0.48	0.510
MW-11	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	35	97	CI around median	0.001	0.00510
MW-11	UA	E008	Lithium, total	mg/L	12/15/15 - 02/24/25	27	48	CB around linear reg	0.00299	0.0120
MW-11	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.0002	0.0002
MW-11	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/24/25	27	4	CI around median	0.0021	0.00620
MW-11	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	35	0	CB around linear reg	6.5/6.8	5.6/7.6
MW-11	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/24/25	36	0	CI around median	0.56	1.00
MW-11	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	35	66	CI around median	0.001	0.00180
MW-11	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	108	151
MW-11	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.002	0.002
MW-11	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	590	494
MW-12	UA	E008	Antimony, total	mg/L	12/15/15 - 02/24/25	33	97	CI around median	0.001	0.001
MW-12	UA	E008	Arsenic, total	mg/L	12/15/15 - 02/24/25	35	89	CB around T-S line	0.001	0.00480

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-12	UA	E008	Barium, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	0.0829	0.150
MW-12	UA	E008	Beryllium, total	mg/L	12/15/15 - 02/24/25	33	100	All ND - Last	0.001	0.001
MW-12	UA	E008	Boron, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	2.75	0.296
MW-12	UA	E008	Cadmium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.001	0.001
MW-12	UA	E008	Chloride, total	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	20.4	18.0
MW-12	UA	E008	Chromium, total	mg/L	12/15/15 - 02/24/25	35	97	CB around T-S line	0.0015	0.00950
MW-12	UA	E008	Cobalt, total	mg/L	12/15/15 - 02/24/25	35	100	All ND - Last	0.001	0.00390
MW-12	UA	E008	Fluoride, total	mg/L	12/15/15 - 02/24/25	35	9	CB around linear reg	0.201	0.510
MW-12	UA	E008	Lead, total	mg/L	12/15/15 - 02/24/25	35	97	CI around median	0.001	0.00510
MW-12	UA	E008	Lithium, total	mg/L	12/15/15 - 02/24/25	27	0	CI around geomean	0.00856	0.0120
MW-12	UA	E008	Mercury, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.0002	0.0002
MW-12	UA	E008	Molybdenum, total	mg/L	12/15/15 - 02/24/25	27	85	CB around T-S line	0.0015	0.00620
MW-12	UA	E008	pH (field)	SU	12/15/15 - 02/24/25	35	0	CB around linear reg	6.4/6.7	5.6/7.6
MW-12	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 02/24/25	36	0	CI around median	0.45	1.00
MW-12	UA	E008	Selenium, total	mg/L	12/15/15 - 02/24/25	35	97	CI around median	0.001	0.00180
MW-12	UA	E008	Sulfate, total	mg/L	12/15/15 - 02/24/25	35	0	CI around mean	362	151
MW-12	UA	E008	Thallium, total	mg/L	12/15/15 - 02/24/25	32	100	All ND - Last	0.002	0.002
MW-12	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 02/24/25	35	0	CB around linear reg	997	494
MW-20	UA	E008	Antimony, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.001	0.001
MW-20	UA	E008	Arsenic, total	mg/L	02/26/21 - 02/24/25	17	59	CI around median	0.001	0.00480
MW-20	UA	E008	Barium, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	0.0648	0.150
MW-20	UA	E008	Beryllium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-20	UA	E008	Boron, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	0.671	0.296
MW-20	UA	E008	Cadmium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-20	UA	E008	Chloride, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	18	18.0
MW-20	UA	E008	Chromium, total	mg/L	02/26/21 - 02/24/25	17	88	CI around median	0.0015	0.00950
MW-20	UA	E008	Cobalt, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.001	0.00390

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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-20	UA	E008	Fluoride, total	mg/L	02/26/21 - 02/24/25	17	18	CI around mean	0.348	0.510
MW-20	UA	E008	Lead, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.00510
MW-20	UA	E008	Lithium, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	-0.00314	0.0120
MW-20	UA	E008	Mercury, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.0002	0.0002
MW-20	UA	E008	Molybdenum, total	mg/L	02/26/21 - 02/24/25	17	6	CB around T-S line	-0.00591	0.00620
MW-20	UA	E008	pH (field)	SU	02/26/21 - 02/24/25	17	0	CI around mean	6.8/7.0	5.6/7.6
MW-20	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 02/24/25	17	0	CB around T-S line	0.482	1.00
MW-20	UA	E008	Selenium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.00180
MW-20	UA	E008	Sulfate, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	149	151
MW-20	UA	E008	Thallium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.002	0.002
MW-20	UA	E008	Total Dissolved Solids	mg/L	02/26/21 - 02/24/25	16	0	CB around linear reg	685	494
MW-20S	USCU	E008	Antimony, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.001	0.001
MW-20S	USCU	E008	Arsenic, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.001	0.00480
MW-20S	USCU	E008	Barium, total	mg/L	02/26/21 - 02/24/25	17	6	CI around median	0.0346	0.150
MW-20S	USCU	E008	Beryllium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-20S	USCU	E008	Boron, total	mg/L	02/26/21 - 02/24/25	17	0	CB around T-S line	1.79	0.296
MW-20S	USCU	E008	Cadmium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-20S	USCU	E008	Chloride, total	mg/L	02/26/21 - 02/24/25	17	0	CI around mean	17.7	18.0
MW-20S	USCU	E008	Chromium, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.0015	0.00950
MW-20S	USCU	E008	Cobalt, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.00390
MW-20S	USCU	E008	Fluoride, total	mg/L	02/26/21 - 02/24/25	17	18	CB around linear reg	0.238	0.510
MW-20S	USCU	E008	Lead, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.00510
MW-20S	USCU	E008	Lithium, total	mg/L	02/26/21 - 02/24/25	17	94	CI around median	0.003	0.0120
MW-20S	USCU	E008	Mercury, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.0002	0.0002
MW-20S	USCU	E008	Molybdenum, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.0015	0.00620
MW-20S	USCU	E008	pH (field)	SU	02/26/21 - 02/24/25	17	0	CI around mean	6.5/6.8	5.6/7.6
MW-20S	USCU	E008	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 02/24/25	17	0	CI around mean	0.201	1.00

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-20S	USCU	E008	Selenium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.00180
MW-20S	USCU	E008	Sulfate, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	312	151
MW-20S	USCU	E008	Thallium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.002	0.002
MW-20S	USCU	E008	Total Dissolved Solids	mg/L	02/26/21 - 02/24/25	16	0	CB around linear reg	957	494
MW-23	UA	E008	Antimony, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-23	UA	E008	Arsenic, total	mg/L	02/26/21 - 02/24/25	17	35	CB around T-S line	0.00108	0.00480
MW-23	UA	E008	Barium, total	mg/L	02/26/21 - 02/24/25	17	0	CI around median	0.0928	0.150
MW-23	UA	E008	Beryllium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-23	UA	E008	Boron, total	mg/L	02/26/21 - 02/24/25	17	0	CI around median	1.98	0.296
MW-23	UA	E008	Cadmium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-23	UA	E008	Chloride, total	mg/L	02/26/21 - 02/24/25	17	0	CB around linear reg	22.5	18.0
MW-23	UA	E008	Chromium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.0015	0.00950
MW-23	UA	E008	Cobalt, total	mg/L	02/26/21 - 02/24/25	17	35	CI around median	0.001	0.00390
MW-23	UA	E008	Fluoride, total	mg/L	02/26/21 - 02/24/25	17	18	CI around median	0.34	0.510
MW-23	UA	E008	Lead, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.00510
MW-23	UA	E008	Lithium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.003	0.0120
MW-23	UA	E008	Mercury, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.0002	0.0002
MW-23	UA	E008	Molybdenum, total	mg/L	02/26/21 - 02/24/25	17	88	CI around median	0.0015	0.00620
MW-23	UA	E008	pH (field)	SU	02/26/21 - 02/24/25	17	0	CI around mean	6.6/6.8	5.6/7.6
MW-23	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 02/24/25	17	0	CI around mean	0.259	1.00
MW-23	UA	E008	Selenium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.001	0.00180
MW-23	UA	E008	Sulfate, total	mg/L	02/26/21 - 02/24/25	17	0	CI around mean	41.9	151
MW-23	UA	E008	Thallium, total	mg/L	02/26/21 - 02/24/25	17	100	All ND - Last	0.002	0.002
MW-23	UA	E008	Total Dissolved Solids	mg/L	02/26/21 - 02/24/25	16	0	CI around mean	589	494
MW-27	USCU	E008	Antimony, total	mg/L	02/24/21 - 02/25/25	13	85	CI around median	0.001	0.001
MW-27	USCU	E008	Arsenic, total	mg/L	02/24/21 - 02/25/25	13	0	CI around geomean	0.00324	0.00480
MW-27	USCU	E008	Barium, total	mg/L	02/24/21 - 02/25/25	13	0	CI around geomean	0.0852	0.150

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MW-27	USCU	E008	Beryllium, total	mg/L	02/24/21 - 02/25/25	13	77	CI around median	0.001	0.001
MW-27	USCU	E008	Boron, total	mg/L	02/24/21 - 02/25/25	13	0	CI around mean	0.973	0.296
MW-27	USCU	E008	Cadmium, total	mg/L	02/24/21 - 02/25/25	13	92	CI around median	0.001	0.001
MW-27	USCU	E008	Chloride, total	mg/L	02/24/21 - 02/25/25	13	0	CI around mean	13.2	18.0
MW-27	USCU	E008	Chromium, total	mg/L	02/24/21 - 02/25/25	13	15	CI around geomean	0.0036	0.00950
MW-27	USCU	E008	Cobalt, total	mg/L	02/24/21 - 02/25/25	13	0	CI around geomean	0.00225	0.00390
MW-27	USCU	E008	Fluoride, total	mg/L	02/24/21 - 02/25/25	13	15	CI around geomean	0.176	0.510
MW-27	USCU	E008	Lead, total	mg/L	02/24/21 - 02/25/25	13	15	CI around geomean	0.00171	0.00510
MW-27	USCU	E008	Lithium, total	mg/L	02/24/21 - 02/25/25	13	31	CI around median	0.003	0.0120
MW-27	USCU	E008	Mercury, total	mg/L	02/24/21 - 02/25/25	13	85	CI around median	0.0002	0.0002
MW-27	USCU	E008	Molybdenum, total	mg/L	02/24/21 - 02/25/25	13	23	CI around geomean	0.00214	0.00620
MW-27	USCU	E008	pH (field)	SU	02/24/21 - 02/25/25	14	0	CI around mean	6.6/6.8	5.6/7.6
MW-27	USCU	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 02/25/25	13	0	CI around geomean	0.374	1.00
MW-27	USCU	E008	Selenium, total	mg/L	02/24/21 - 02/25/25	13	100	All ND - Last	0.001	0.00180
MW-27	USCU	E008	Sulfate, total	mg/L	02/24/21 - 02/25/25	13	0	CB around linear reg	300	151
MW-27	USCU	E008	Thallium, total	mg/L	02/24/21 - 02/25/25	13	92	CI around median	0.002	0.002
MW-27	USCU	E008	Total Dissolved Solids	mg/L	02/24/21 - 02/25/25	12	0	CI around median	885	494
MW-28	UA	E008	Antimony, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-28	UA	E008	Arsenic, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.00480
MW-28	UA	E008	Barium, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	0.0233	0.150
MW-28	UA	E008	Beryllium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-28	UA	E008	Boron, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	8.41	0.296
MW-28	UA	E008	Cadmium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-28	UA	E008	Chloride, total	mg/L	02/24/21 - 02/24/25	17	0	CI around median	12	18.0
MW-28	UA	E008	Chromium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.0015	0.00950
MW-28	UA	E008	Cobalt, total	mg/L	02/24/21 - 02/24/25	17	88	CI around median	0.001	0.00390
MW-28	UA	E008	Fluoride, total	mg/L	02/24/21 - 02/24/25	17	18	CI around median	0.13	0.510

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MW-28	UA	E008	Lead, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.00510
MW-28	UA	E008	Lithium, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	0.00608	0.0120
MW-28	UA	E008	Mercury, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.0002	0.0002
MW-28	UA	E008	Molybdenum, total	mg/L	02/24/21 - 02/24/25	17	94	CI around median	0.0015	0.00620
MW-28	UA	E008	pH (field)	SU	02/24/21 - 02/24/25	17	0	CI around mean	6.6/6.8	5.6/7.6
MW-28	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 02/24/25	17	0	CB around linear reg	0.236	1.00
MW-28	UA	E008	Selenium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.00180
MW-28	UA	E008	Sulfate, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	831	151
MW-28	UA	E008	Thallium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.002	0.002
MW-28	UA	E008	Total Dissolved Solids	mg/L	02/24/21 - 02/24/25	16	0	CI around mean	1,670	494
MW-30	UA	E008	Antimony, total	mg/L	02/25/21 - 02/24/25	17	94	Most recent sample	0.001	0.001
MW-30	UA	E008	Arsenic, total	mg/L	02/25/21 - 02/24/25	17	6	CB around linear reg	0.00934	0.00480
MW-30	UA	E008	Barium, total	mg/L	02/25/21 - 02/24/25	17	0	CI around geomean	0.155	0.150
MW-30	UA	E008	Beryllium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-30	UA	E008	Boron, total	mg/L	02/25/21 - 02/24/25	17	0	CI around geomean	1.07	0.296
MW-30	UA	E008	Cadmium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-30	UA	E008	Chloride, total	mg/L	02/25/21 - 02/24/25	17	0	CB around linear reg	34	18.0
MW-30	UA	E008	Chromium, total	mg/L	02/25/21 - 02/24/25	17	82	CI around median	0.0015	0.00950
MW-30	UA	E008	Cobalt, total	mg/L	02/25/21 - 02/24/25	17	0	CI around mean	0.00207	0.00390
MW-30	UA	E008	Fluoride, total	mg/L	02/25/21 - 02/24/25	17	18	CB around linear reg	0.399	0.510
MW-30	UA	E008	Lead, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.00510
MW-30	UA	E008	Lithium, total	mg/L	02/25/21 - 02/24/25	17	88	CB around T-S line	0.000587	0.0120
MW-30	UA	E008	Mercury, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.0002	0.0002
MW-30	UA	E008	Molybdenum, total	mg/L	02/25/21 - 02/24/25	17	35	CI around median	0.0015	0.00620
MW-30	UA	E008	pH (field)	SU	02/25/21 - 02/24/25	17	0	CB around linear reg	6.6/6.8	5.6/7.6
MW-30	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 02/24/25	17	0	CI around geomean	0.589	1.00
MW-30	UA	E008	Selenium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.00180

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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-30	UA	E008	Sulfate, total	mg/L	02/25/21 - 02/24/25	17	53	CB around T-S line	-161	151
MW-30	UA	E008	Thallium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.002	0.002
MW-30	UA	E008	Total Dissolved Solids	mg/L	02/25/21 - 02/24/25	16	0	CB around T-S line	521	494
MW-31	UA	E008	Antimony, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-31	UA	E008	Arsenic, total	mg/L	02/24/21 - 02/24/25	17	6	CI around geomean	0.00257	0.00480
MW-31	UA	E008	Barium, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	0.213	0.150
MW-31	UA	E008	Beryllium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-31	UA	E008	Boron, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	0.227	0.296
MW-31	UA	E008	Cadmium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-31	UA	E008	Chloride, total	mg/L	02/24/21 - 02/24/25	17	0	CB around linear reg	36.9	18.0
MW-31	UA	E008	Chromium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.0015	0.00950
MW-31	UA	E008	Cobalt, total	mg/L	02/24/21 - 02/24/25	17	71	CI around median	0.001	0.00390
MW-31	UA	E008	Fluoride, total	mg/L	02/24/21 - 02/24/25	17	18	CI around median	0.17	0.510
MW-31	UA	E008	Lead, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.00510
MW-31	UA	E008	Lithium, total	mg/L	02/24/21 - 02/24/25	17	0	CI around mean	0.00454	0.0120
MW-31	UA	E008	Mercury, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.0002	0.0002
MW-31	UA	E008	Molybdenum, total	mg/L	02/24/21 - 02/24/25	17	65	CB around T-S line	-0.000247	0.00620
MW-31	UA	E008	pH (field)	SU	02/24/21 - 02/24/25	17	0	CI around mean	6.5/6.7	5.6/7.6
MW-31	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 02/24/25	17	0	CI around mean	0.593	1.00
MW-31	UA	E008	Selenium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.001	0.00180
MW-31	UA	E008	Sulfate, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	10	151
MW-31	UA	E008	Thallium, total	mg/L	02/24/21 - 02/24/25	17	100	All ND - Last	0.002	0.002
MW-31	UA	E008	Total Dissolved Solids	mg/L	02/24/21 - 02/24/25	16	0	CI around mean	573	494
MW-31S	USCU	E008	Antimony, total	mg/L	02/24/21 - 02/24/25	16	88	CI around median	0.001	0.001
MW-31S	USCU	E008	Arsenic, total	mg/L	02/24/21 - 02/24/25	16	0	CI around mean	0.00773	0.00480
MW-31S	USCU	E008	Barium, total	mg/L	02/24/21 - 02/24/25	16	0	CI around geomean	0.219	0.150
MW-31S	USCU	E008	Beryllium, total	mg/L	02/24/21 - 02/24/25	16	94	CI around median	0.001	0.001

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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	Background
MW-31S	USCU	E008	Boron, total	mg/L	02/24/21 - 02/24/25	16	6	CI around geomean	0.0361	0.296
MW-31S	USCU	E008	Cadmium, total	mg/L	02/24/21 - 02/24/25	16	100	All ND - Last	0.001	0.001
MW-31S	USCU	E008	Chloride, total	mg/L	02/24/21 - 02/24/25	15	0	CI around geomean	13	18.0
MW-31S	USCU	E008	Chromium, total	mg/L	02/24/21 - 02/24/25	16	62	CI around median	0.0015	0.00950
MW-31S	USCU	E008	Cobalt, total	mg/L	02/24/21 - 02/24/25	16	0	CI around geomean	0.00245	0.00390
MW-31S	USCU	E008	Fluoride, total	mg/L	02/24/21 - 02/24/25	15	20	CB around linear reg	0.325	0.510
MW-31S	USCU	E008	Lead, total	mg/L	02/24/21 - 02/24/25	16	50	CI around median	0.001	0.00510
MW-31S	USCU	E008	Lithium, total	mg/L	02/24/21 - 02/24/25	16	62	CI around median	0.003	0.0120
MW-31S	USCU	E008	Mercury, total	mg/L	02/24/21 - 02/24/25	16	100	All ND - Last	0.0002	0.0002
MW-31S	USCU	E008	Molybdenum, total	mg/L	02/24/21 - 02/24/25	16	50	CB around linear reg	-0.000561	0.00620
MW-31S	USCU	E008	pH (field)	SU	02/24/21 - 02/24/25	17	0	CI around mean	6.5/6.7	5.6/7.6
MW-31S	USCU	E008	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 02/24/25	15	0	CI around mean	0.864	1.00
MW-31S	USCU	E008	Selenium, total	mg/L	02/24/21 - 02/24/25	16	100	All ND - Last	0.001	0.00180
MW-31S	USCU	E008	Sulfate, total	mg/L	02/24/21 - 02/24/25	15	33	CB around linear reg	-71.3	151
MW-31S	USCU	E008	Thallium, total	mg/L	02/24/21 - 02/24/25	16	100	All ND - Last	0.002	0.002
MW-31S	USCU	E008	Total Dissolved Solids	mg/L	02/24/21 - 02/24/25	14	0	CI around mean	724	494
MW-32	UA	E008	Antimony, total	mg/L	02/25/21 - 02/24/25	17	94	CI around median	0.001	0.001
MW-32	UA	E008	Arsenic, total	mg/L	02/25/21 - 02/24/25	17	94	CI around median	0.001	0.00480
MW-32	UA	E008	Barium, total	mg/L	02/25/21 - 02/24/25	17	0	CB around linear reg	0.0245	0.150
MW-32	UA	E008	Beryllium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-32	UA	E008	Boron, total	mg/L	02/25/21 - 02/24/25	17	0	CI around mean	1.54	0.296
MW-32	UA	E008	Cadmium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.001
MW-32	UA	E008	Chloride, total	mg/L	02/25/21 - 02/24/25	17	0	CB around linear reg	8.69	18.0
MW-32	UA	E008	Chromium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.0015	0.00950
MW-32	UA	E008	Cobalt, total	mg/L	02/25/21 - 02/24/25	17	82	CI around median	0.001	0.00390
MW-32	UA	E008	Fluoride, total	mg/L	02/25/21 - 02/24/25	17	18	CI around median	0.17	0.510
MW-32	UA	E008	Lead, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.00510

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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	Background
MW-32	UA	E008	Lithium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.003	0.0120
MW-32	UA	E008	Mercury, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.0002	0.0002
MW-32	UA	E008	Molybdenum, total	mg/L	02/25/21 - 02/24/25	17	94	CI around median	0.0015	0.00620
MW-32	UA	E008	pH (field)	SU	02/25/21 - 02/24/25	17	0	CI around mean	6.3/6.5	5.6/7.6
MW-32	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 02/24/25	17	0	CI around median	0.149	1.00
MW-32	UA	E008	Selenium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.001	0.00180
MW-32	UA	E008	Sulfate, total	mg/L	02/25/21 - 02/24/25	17	0	CB around linear reg	288	151
MW-32	UA	E008	Thallium, total	mg/L	02/25/21 - 02/24/25	17	100	All ND - Last	0.002	0.002
MW-32	UA	E008	Total Dissolved Solids	mg/L	02/25/21 - 02/24/25	16	0	CB around linear reg	970	494
PZ-4C	UA	E008	Antimony, total	mg/L	02/25/21 - 02/24/25	16	88	CI around median	0.001	0.001
PZ-4C	UA	E008	Arsenic, total	mg/L	02/25/21 - 02/24/25	16	31	CI around median	0.001	0.00480
PZ-4C	UA	E008	Barium, total	mg/L	02/25/21 - 02/24/25	16	0	CI around median	0.251	0.150
PZ-4C	UA	E008	Beryllium, total	mg/L	02/25/21 - 02/24/25	16	94	CI around median	0.001	0.001
PZ-4C	UA	E008	Boron, total	mg/L	02/25/21 - 02/24/25	16	0	CI around mean	1.41	0.296
PZ-4C	UA	E008	Cadmium, total	mg/L	02/25/21 - 02/24/25	16	94	CI around median	0.001	0.001
PZ-4C	UA	E008	Chloride, total	mg/L	02/25/21 - 02/24/25	16	0	CB around linear reg	29.6	18.0
PZ-4C	UA	E008	Chromium, total	mg/L	02/25/21 - 02/24/25	16	38	CI around median	0.0015	0.00950
PZ-4C	UA	E008	Cobalt, total	mg/L	02/25/21 - 02/24/25	16	75	CI around median	0.001	0.00390
PZ-4C	UA	E008	Fluoride, total	mg/L	02/25/21 - 02/24/25	16	19	CI around mean	0.355	0.510
PZ-4C	UA	E008	Lead, total	mg/L	02/25/21 - 02/24/25	16	56	CI around median	0.001	0.00510
PZ-4C	UA	E008	Lithium, total	mg/L	02/25/21 - 02/24/25	16	0	CI around median	0.007	0.0120
PZ-4C	UA	E008	Mercury, total	mg/L	02/25/21 - 02/24/25	16	94	CI around median	0.0002	0.0002
PZ-4C	UA	E008	Molybdenum, total	mg/L	02/25/21 - 02/24/25	16	81	CI around median	0.0015	0.00620
PZ-4C	UA	E008	pH (field)	SU	02/25/21 - 02/24/25	16	0	CI around mean	6.7/7.0	5.6/7.6
PZ-4C	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 02/24/25	16	0	CI around geomean	0.648	1.00
PZ-4C	UA	E008	Selenium, total	mg/L	02/25/21 - 02/24/25	16	100	All ND - Last	0.001	0.00180
PZ-4C	UA	E008	Sulfate, total	mg/L	02/25/21 - 02/24/25	16	0	CI around mean	63.1	151

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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	Background
PZ-4C	UA	E008	Thallium, total	mg/L	02/25/21 - 02/24/25	16	100	All ND - Last	0.002	0.002
PZ-4C	UA	E008	Total Dissolved Solids	mg/L	02/25/21 - 02/24/25	15	0	CI around mean	550	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:

NA

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